Electronic Supplementary Information

for

Revisiting Sesquiterpene Biosynthetic Pathways Leading to Santalene and its Analogues: A Comprehensive Mechanistic Stud

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Figure S1. Optimized geometries of intermediates **b** and **b'** at the B3LYP/6-31+G** level of theory. Second-order perturbative stabilization energy $(E^{(2)})$ computed by using the NBO method for π_{C2-C3} to AO_(C7) delocalization in intermediate **b** is found to be 134.3 kcal/mol at the B3LYP/6-31+G**. This clearly indicates toward strong cation- π interaction. On the other hand, in intermediate **b'**, an effective π_{C1-C2} to AO_(C3) delocalization $(E^{(2)} = 70.6$ kcal/mol), facilitated by the conducive alignment of the interacting orbital is observed. The reason for such an interaction can be traced to strong hyperconjugation interaction between the newly formed bond and the empty *p*-orbital of the carbocationic center C3.



Figure S2. Optimized geometry of **TS(b-b')** at the mPW1K/6-31+G** level of theory. The C1–C2 and C2–C7 bond distances are almost similar in the transition state which elongate in the intermediates **b** and **b'** respectively. Distances are in Å.



Figure S3. Optimized geometries of TS(a-b), TS(b-c) and TS(a-c) at the B3LYP/6-31+G** level of theory. The conformation of the alkyl chain, R is different in TS(a-c). Various attempts to locate TS(a-b) at this particular conformation failed. The C3–C7 and C2–C7 are slightly elongated in TS(a-c) in comparison to TS(a-b). Selected hydrogens are removed for clarity. Distances are in Å.



Figure S4. Optimized geometries of **TS(a-a')**, **TS(a'-a1)** and intermediates **a'** and **a1** at the mPW1K/6-31+G** level of theory. Distances are in Å.



Figure S5. Optimized geometries for the conversion of **a1** to **c1** at the mPW1K/6-31+G** level of theory. Select hydrogens are removed for clarity. Distances are in Å.



Figure S6. Optimized geometries of transition states and intermediates for the conversion of a2 to c2 at the mPW1K/6-31+G** level of theory. Distances are in Å.

Conformational Analyses of Key Intermediates

The conformations of all intermediates involved in the conversion of bisabolyl cation to sanatalene and bergamotene are sampled. The sampling was done by first changing the key dihedral angles of the side chain and then of the ring. The structural parameters and energetics are given in Tables S1-S14 and Figures S7-S16. Once all the intermediates were sampled, the transition states were optimized. A particular transition state, for e.g. (X-Y) was optimized in the most stable conformations of intermediates X and Y. For each of the intermediates, all conformers are superimposed (with the ring skeleton held fixed) to examine the structural variations. The energy dispersion of different conformers are provided in the highlighted area in Figures S7-S16. A comparison of the IRC-driven free energy profile (in blue) and the profile obtained using the lowest energy stationary points (in red) is also provided. No appreciable changes in the free energy profile obtained through both these approaches are visible. The energy of a_9 (the lowest energy conformer of a) is set as 0.0 kcal/mol and all energies at the mPW1K/6-31+G** level of theory are reported with respect to this intermediate.



Conformational Analysis of Intermediate 'a'

Figure S7. Relative energies (in kcal/mol) of different conformers of intermediate **a** at the mPW1K/6-31+G** level of theory. The optimized geometry of **a**₉ shows the C-H of methyl is involved in C-H^{$\cdot\cdot$} π interaction with the double bond of the side chain (-CH₂-CH₂-CH=C(CH₃)₂ group). All distances are given in Å.

Table S1. Relative free energies (kcal/mol) of conformers of **a** and dihedrals (in °) A, B, C and D at the mPW1K/6-31+G** level of theory



Dihedral 9-8-7-6= A Dihedral 10-9-8-7= B Dihedral 11-10- 9-8= C Dihedral 14-7-6-1= D

Stationary point	Α	В	С	D	ΔG
a ₁	167	-179	-117	-162	1.5
a ₂	166	175	116	-161	1.4
a 3	-94	174	-115	-175	1.7
a 4	-90	174	103	-176	1.9
a5	97	-177	-104	156	3.0
a ₆	100	180	110	157	3.3
a 7	162	-73	-114	-157	2.8
a ₈	165	-68	133	-165	1.7
a 9	-97	-79	125	-162	0.0
a ₁₀	-92	-67	-83	-169	1.3
a ₁₁	142	-62	-100	-156	2.8
a ₁₂	152	-63	130	-155	1.7
a ₁₃	-81	72	-122	146	1.3
a ₁₄	-122	66	104	-151	2.4
a ₁₅	-155	63	-133	-155	1.4
a ₁₆	172	66	78	-162	3.1
a ₁₇	110	77	-132	-167	2.7
a ₁₈	100	60	88	-165	3.5
\mathbf{a}_{9} - \mathbf{b}^{a}	-101	-77	128	-156	2.8

 ${}^{a}\mathbf{a_{9}}$ -**b** refers to the boat form of the most stable intermediate $\mathbf{a_{9}}$.



Conformation Analysis of Intermediate b and b'



Table S2. Relative energies (kcal/mol) of conformers of **b** and dihedrals (in °) A, B and C at the mPW1K/6-31+G** level of theory



Stationary point	А	В	С	C2-C7/Å	ΔG
b 1	167	-170	-114	1.78	4.6
b ₂	166	180	117	1.79	4.7
b ₃	-78	177	-112	1.80	4.7
b 4	-78	169	111	1.79	4.7
b 5	35	-171	-115	1.77	7.8
b ₆	37	-178	113	1.77	7.7
b ₇	174	-63	-92	1.78	5.6
b ₈	174	-68	132	1.77	5.5
b 9	-72	-78	137	1.84	5.4
b ₁₀	-57	-59	-92	1.81	6.9
b ₁₁	31	-67	-84	1.79	9.7
b ₁₂	35	-68	146	1.78	8.5
b ₁₃	-86	62	-130	1.82	5.3
b ₁₄	-85	59	94	1.81	5.7
b ₁₅	160	76	-141	1.79	6.0
b ₁₆	144	54	95	1.77	6.7
b ₁₇	38	80	-145	1.76	8.6
b ₁₈	42	77	80	1.76	10.0

Table S3. Relative energies (kcal/mol) of conformers of **b** at the B3LYP/6-31+G** level of theory

Stationary point	C2-C7/Å	ΔG
b 1	2.10	0.0
b ₂	2.09	0.3
b ₃	-	-
$\mathbf{b_4}^a$	-	-
$\mathbf{b_5}^a$	1.98	3.6
b ₆	1.98	3.7
b ₇	2.04	1.6
b ₈	1.96	2.0
b ₉ ^{<i>a</i>}	-	-
$\mathbf{b_{10}}^{a}$	-	-

b ₁₁	2.04	5.7
b ₁₂	2.00	4.8
$\mathbf{b_{13}}^{a}$	-	-
$\mathbf{b_{14}}^{a}$	-	-
$\mathbf{b_{15}}^{a}$	-	-
$\mathbf{b_{16}}^{a}$	-	-
b ₁₇	1.91	5.4
b ₁₈	1.92	6.1

^a Could not be located as a minimum. During optimization the geometry reverted to intermediate **a**.

Table S4. Relative energies (kcal/mol) of conformers of **b'** dihedrals (in °) A, B and C at the mPW1K/6-31+G** level of theory



Stationary point	А	В	С	C2-C7/Å	C1-C2/Å	ΔG
b' 1	169	-171	-115	1.54	1.69	6.6
b' 2	169	-177	122	1.54	1.69	6.5
b'3	-76	178	-119	1.54	1.69	6.5
b' 4	-77	171	114	1.54	1.69	6.6
b' 5	23	-175	-120	1.53	1.70	9.0
b'6	48	179	117	1.53	1.70	9.0
b' 7	176	-59	-95	1.54	1.69	7.3
b'8	172	-70	129	1.53	1.69	6.8
b' 9	-70	-80	139	1.54	1.69	8.0
b' ₁₀	-75	-84	-83	1.54	1.69	9.0
b' ₁₁	45	-71	-83	1.53	1.70	11.1
b' ₁₂	53	-73	147	1.53	1.70	9.1
b' ₁₃	-83	66	-130	1.54	1.69	7.3
b' ₁₄	-84	58	99	1.54	1.69	8.0
b' ₁₅	159	74	-139	1.53	1.69	8.1
b' ₁₆	-	-	-	-	-	-
b' ₁₇	43	76	-146	1.53	1.70	8.4
b' ₁₈	50	73	77	1.53	1.70	10.4

Stationary point	А	В	С	C2-C7/Å	ΔG
b'1	169	-171	-115	1.71	0.3
b'2	168	-180	122	1.71	0.3
b'3	-73	-179	-118	1.71	0.0
b' 4	-76	172	115	1.71	0.0
b'5	46	-175	-117	1.72	2.6
b'6	47	178	114	1.72	2.6
b' 7	176	-60	-99	1.71	1.2
b'8	171	-71	131	1.71	0.6
b' 9	-63	-74	138	1.7	1.6
b' ₁₀	-51	-57	-100	1.7	2.4
b' ₁₁	44	-72	-87	1.72	4.8
b' ₁₂	56	-74	152	1.72	3.2
b' ₁₃	-79	70	-133	1.71	0.9
b' ₁₄	-83	59	101	1.71	1.8
b' ₁₅	159	76	-139	1.71	1.7
b' ₁₆	167	99	115	1.71	3.8
b' ₁₇	41	76	-149	1.73	2.6
b' ₁₈	51	73	82	1.72	4.7

Table S5. Relative energies (kcal/mol) of conformers of **b'** dihedrals (in °) A, B and C at the B3LYP/6-31+G** level of theory



Conformation Analysis of Intermediate c

Figure S9. Relative energies (in kcal/mol) of different conformers of intermediate **c** at the mPW1K/6-31+G** level of theory.

Table S6. Relative energies (kcal/mol) of conformers of **c** dihedrals (in °) A, B and C at the mPW1K/6-31+G** level of theory



Stationary point	А	В	С	ΔG
c ₁	-166	-174	-112	-6.1
c ₂	-164	-179	119	-6.0
c ₃	-55	-168	-108	-8.1
C4	-58	-178	107	-8.5
c 5	48	-179	-113	-3.8
c ₆	52	173	113	-4.2
c ₇	-154	-70	-91	-4.1
c ₈	-157	-77	135	-4.5
C9	-47	-63	133	-6.3
c ₁₀	-46	-60	-94	-5.8
c ₁₁	-	-	-	-
c ₁₂	48	-78	151	-2.2
c ₁₃	-74	71	-135	-6.3
c ₁₄	-75	66	87	-5.2
c ₁₅	-166	83	-139	-4.3
c ₁₆	-165	83	86	-2.1
c ₁₇	-	-	-	-
c ₁₈	56	64	84	-3.7



Conformation Analysis of Intermediate d

Figure S10. Relative energies (in kcal/mol) of different conformers of intermediate **d** Relative energies (in kcal/mol) of different conformers of intermediate **c** at the mPW1K/6-31+G** level of theory. **Table S7.** Relative energies (kcal/mol) of conformers of **d** dihedrals (in °) A, B and C at the mPW1K/6-31+G** level of theory



Stationary point	А	В	С	ΔG
d ₁	-154	-179	-116	-6.7
d ₂	-154	176	117	-6.6
d3	-49	-176	-116	-9.3
d4	-1	177	116	-9.4
d ₅	75	-178	-112	-8.8
d ₆	79	178	108	-8.9
d ₇	-	-	-	-
d ₈	-157	-80	148	-4.7
d9	4	-72	133	-9.0
d ₁₀	-40	-87	-109	-7.8
d ₁₁	82	-62	-92	-8.2
d ₁₂	75	-76	129	-8.4
d ₁₃	-	-	-	-
d ₁₄	-	-	-	-
d ₁₅	-127	72	-139	-6.2
d ₁₆	-136	66	88	-5.9
d ₁₇	11	67	-135	-8.9
d ₁₈	26	67	114	-8.8

Conformation Analysis of Intermediate c1



Figure S11. Relative energies (in kcal/mol) of different conformers of intermediate **c1** at the mPW1K/6-31+G** level of theory.

Table S8. Relative energies (kcal/mol) of conformers of **c1** dihedrals (in °) A, B and C at the mPW1K/6-31+G** level of theory



Dihedral 9-8-7-6= A Dihedral 10-9-8-7= B Dihedral 11-10- 9-8= C

	1		1	
Stationary point	А	В	С	ΔG
c1 ₁	160	177	-123	-4.7
c1 ₂	160	172	116	-4.8
c1 ₃	-66	-161	-116	-3.6
c14	-61	-167	121	-2.6
c1 ₅	56	-177	-115	-7.0
c1 ₆	55	175	116	-7.1
c1 ₇	-	-	-	-
c1 ₈	-	-	-	-
c19	-	-	-	-
c1 ₁₀	-	-	-	-
c1 ₁₁	-	-	-	-
c1 ₁₂	-58	89	-174	-1.6
c1 ₁₃	-58	92	-158	-1.8
c1 ₁₄	-	-	-	-
c1 ₁₅	148	73	-131	-3.6
c1 ₁₆	-	-	-	-
c1 ₁₇	48	68	-134	-5.7
c1 ₁₈	48	64	90	-5.0

Conformation Analysis of Intermediate a1' and b1



Figure S12. Relative energies (in kcal/mol) of different conformers of intermediate **a1'** and **b1** at the mPW1K/6-31+G** level of theory.

Stationary point	А	В	С	D	ΔG
a1'1	-150	-178	-115	-148	1.3
a1'2	-149	174	113	-151	1.8
a1'3	-114	-178	-112	-166	2.3
a1'4	-113	176	106	-165	2.4
a1'5	97	-174	-103	-154	0.7
a1'6	102	-178	110	-156	0.8
a1'7	-164	-68	-77	-143	3.3
a1'8	-	-	-	-	-
a1'9	-112	-76	134	-160	1.8
a1' ₁₀	-107	-65	-87	-166	2.9
a1'11	97	-66	-92	-159	0.6
a1' ₁₂	86	-84	122	-158	0.1
a1' ₁₃	-151	64	-133	-148	0.8
a1' ₁₄	-143	65	108	-152	2.1
a1' ₁₅	-	-	-	-	-
a1' ₁₆	-	-	-	-	-
a1' ₁₇	94	76	-124	-149	-0.2
a1' ₁₈	89	66	85	-145	0.3

Table S9. Relative energies (kcal/mol) of conformers of **a1'** dihedrals (in °) A, B, C and D at the mPW1K/6-31+G** level of theory

Table S10. Relative energies (kcal/mol) of conformers of **b1** dihedrals (in °) A, B and C at the mPW1K/6-31+G** level of theory



Stationary point	1	2	3	C2-C7	C1-C2	ΔG
b1 ₁	-175	167	-139	1.76	1.52	5.5
b12	-	-	-	-	-	-
b13	-	-	-	-	-	-
b14	-	-	-	-	-	-
b1 ₅	75	-168	-111	1.79	1.57	4.5
b 1 ₆	75	-175	121	1.79	1.52	4.7
b1 ₇	-175	-84	-80	1.81	1.52	8.3
b1 ₈	-174	-88	136	1.79	1.52	7.4
b 19	-	-	-	-	_	-
b1 ₁₀	-	-	-	-	-	-

b1 ₁₁	83	-59	-103	1.79	1.52	5.9
b1 ₁₂	87	-58	131	1.8	1.52	6.1
b1 ₁₃	-	-	-	-	-	-
b1 ₁₄	-74	-172	105	1.62	1.57	10.9
b1 ₁₅	-177	84	-116	1.54	1.65	6.1
b1 ₁₆	174	62	117	1.66	1.54	6.6
b1 ₁₇	70	80	-137	1.89	1.51	5.7
b1 ₁₈	66	71	82	1.92	1.51	7.1

Conformation Analysis of Intermediates h, h' and a2exo



Figure S13. Free energy profile for the epimerization process that interconverts (*S*)-bisabolyl and (*R*)-bisabolyl cation at the mPW1K/ $6-31+G^{**}$ level of theory.

Table S11. Relative energies (kcal/mol) of conformers of $\mathbf{a}_{2\mathbf{exo}}(6R)$ and dihedrals (in °) A, B, C and D at the mPW1K/6-31+G** level of theory



Stationary point	Α	В	С	D	$\Delta \mathbf{G}$
a _{2exo1}	159	178	115	-41	0.4
a _{2exo2}	-100	178	-110	-31	-0.4
a _{2exo3}	-94	176	105	-32	-0.2
a _{2exo4}	96	-174	-103	-92	-0.2
a _{2exo5}	-	-	-	-	-
a _{2exo6}	143	-64	-109	-30	0.4

a _{2exo7}	155	-66	133	-43	-0.2
a _{2exo8}	-93	-75	124	-37	-1.6
a _{2exo9}	-87	-65	-85	-41	-0.6
a _{2exo10}	-	-	-	-	-
a2exo11	-	-	-	-	-
a2exo12	-108	60	-129	-29	0.3
a _{2exo13}	-97	67	95	-27	-0.1
a2exo14	-156	65	-134	-80	-0.2
a2exo15	-	-	-	-	-
a2exo16	99	76	-124	6	1.8
a2exo17	99	68	85	10	2.4
a2exo18	-	-	-	-	-

Table S12. Relative energies (kcal/mol) of conformers of **h** dihedrals (in °) A, B, C and D at the mPW1K/6-31+G** level of theory



Dihedral 9-8-7-6= **A** Dihedral 10-9-8-7= **B** Dihedral 11-10- 9-8= **C** Dihedral 8-7-6-1= **D** Dihedral 4-5-6-1= -**3**9

Stationary point	А	В	С	D	ΔG
h ₁	-72	-175	-117	-32	0.7
h ₂	-72	177	115	-32	0.4
h ₃	-172	-179	-113	-29	0.5
h ₄	-175	171	114	-29	3.8
\mathbf{h}_5	81	-177	-115	-31	3.9
h ₆	80	-175	120	-31	3.9
h ₇	52	55	-143	-36	6.1
h ₈	82	75	82	-31	6.2
h9	-175	57	-129	-27	0.1
h ₁₀	-175	54	90	-27	0.8
h ₁₁	-	-	-	-	-
h ₁₂	-	-	-	-	-
h ₁₃	-72	-55	-89	-31	1.0
h ₁₄	-71	-69	129	-32	0.1
h ₁₅	94	-65	-96	-17	5.2

h ₁₆	93	-75	130	-27	4.8
h ₁₇	-155	-58	-95	-25	2.6
h ₁₈	-158	-66	125	-27	1.7
h ₁₉	-16	62	-126	-97	-1.6
$\mathbf{h_{20}}^{a}$	-166	60	-127	-110	-1.8

^{*a*} The 4-5-6-1 dihedral is 39°.

Table S13.	. Relative e	nergies (kcal/mol)	of conform	ners of h	dihedrals	(in °) A	, B, (C, D	and E
at the mPW	V1K/6-31+0	G** leve	l of theory	y						



Stationary point	А	В	С	D	Е	ΔG
h'1	-163	62	-125	82	9	-1.2
h'2	-167	56	89	82	8	-0.9
h'3	56	63	87	71	5	4.2
h'4	47	62	-147	73	5	3.2
h'5	-156	-171	-104	87	10	-0.1
h'6	-162	178	106	88	13	0.0
h'7	62	167	106	73	-2	1.9
h'8	-132	-69	122	84	3	0.9
h'9	-135	-57	-98	85	2	1.5
h' ₁₀	-66	-56	-90	140	41	0.6
h' ₁₁	-58	-51	133	138	42	-0.1
h' ₁₂	66	-55	123	54	-2	1.2
h' ₁₃	-	-	-	-	-	-
h' ₁₄	-	-	-	-	-	-
h' ₁₅	-	-	-	-	-	-
h' ₁₆	-	-	-	-	-	-
h' ₁₇	-	-	-	-	-	-
h' ₁₈	-	-	-	-	-	-
h'19	-166	63	-126	141	40	0.0
h' ₂₀	-166	63	-127	93	-43	-0.8

1,2 versus 1,3-hydride transfer in the formation of allylic cation

Homobisabolyl cation, **h**, like bisabolyl cation can branch into an array of products. It is important to note that the majority of sesquiterpenes are derived from either bisabolyl or homobisabolyl cation. A recent study by Jones and coworkers, (ref. 13 in the main text) wherein the genes from different species of Sandalwood were isolated show that products isolated only include santalene and bergamotene. Therefore, other pathways emanating from both bisabolyl and homobisabolyl cation are not favored in the particular enzyme. There can be multitude of reasons for this, which is beyond the scope of the present study. There are other minor products like curcumene and bisabolene, which are formed from different enzymes that are isolated from the Sandalwood species. We considered a plausible biosynthetic route towards curcumene, which would form via deprotonation of cation i. Cation i can form via two pathways, as shown in Figure S14. The first pathway (a) involves two consecutive 1,2-hydride transfers whereas the other pathway (b) involves a direct 1,3hydride transfer. It should be noted that both 1,2 and 1,3-hydride shifts are common in terepene biosynthesis. (See (a) S.-H. Kim, K. Heo, Y.-J. Chang, S.-H. Park, S.-K. Rhee and S.-U. KimCitron, J. Nat. Prod., 2006, 69, 758. (b) R. E. LaFever and R. Croteau, Arch. Biochem. Biophys., 1993, 301, 361. (c) Y. J. Hong, and D. J. Tantillo, Chem. Sci., 2010, 1, 609. (d) C. A. Citron, R. Riclea, N. L. Brock and J. S. Dickschat RSC Advances, 2011, 1, 290.) Previous computational studies have shown that both pathways exhibit similar barriers and therefore conformational preorganization would likely be the guiding factor in the biosynthesis of a particular product. In the formation of amorphadiene, it was earlier established that cation i is generated via a 1,3-hydride transfer rather than two consecutive 1,2-hydride transfers. Cation i can exist as four diastereomers, namely (6R,7R), (6R,7S), (6S,7S) and (6S,7R). In the present case we studied the formation of (6R,7R). Cationic

intermediate i can present several conformers, whose energies and structural parameters are provided in Table S14.

The details of TS(a-h) are already provided in the main text. The optimized geometries of TS(a1'-i) and TS(h-i) are given in Figure S15. From the free energy profile in Figure S14(b), it can be seen that the barriers for both 1,2 and 1,3-hydride transfers with repsect to the respective preceding intermediates are quite close (4.9 and 5.9 kcal/mol respectively). Hence, it is difficult to predict which one of these pathways would be operating under the enzymatic conditions. In Figure S16, the free energy profile connecting the most stable stationary points is provided. In TS(h-i), the conformation of the side chain can play a major role. This is the only case where a large deviation from IRC-driven profile is noticed. As shown in Figure S15, in $TS(h-i)_1$, the migrating hydride strongly interacts with the double bond on the isoprenyl side chain rendering improved stabilization. In this case, one can say that 1,2-hydride transfer is more favourable. However, in the enzyme active site, the preorganization of the substrate plays an important role and might be the guiding factor to adopt a particular pathway.



Figure S14. (a) 1,2 (Path A) and 1,3 (Path b) hydride transfers involved the formation of cation **i**. (b) Free energy profile for Path A and B at the mPW1K/6-31+G** level of theory. All energy values are in kcal/mol.



Figure S15. Optimized geometries of transition states TS(a-i) and TS(h-i) at the mPW1K/6-31+G** level of theory. All distances are in Å.

Conformational analysis of intermediate i

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Figure S16. (a) Free energy profile for 1,2-hydride transfer leading to the formation of cation I at the mPW1K/6-31+G** level of theory. (b) Free energy profile for 1,3-hydride transfer leading to the formation of cation i at the mPW1K/6-31+G** level of theory.

Table S14. Relative energies (kcal/mol) of conformers of i (6R,7R) dihedrals (in °) A, B, C and D at the mPW1K/6-31+G** level of theory



Stationary point	А	В	С	D	ΔG
i 1	-173	59	-130	-72	-8.4

i ₂	-156	69	-119	64	-8.9
i ₃	-179	59	-131	168	-7.4
i4	-172	56	97	72	-7.9
i5	-168	57	97	62	-8.4
i ₆	-178	56	98	168	-6.7
i ₇	-71	72	-130	-73	-9.5
i ₈	-	-	-	-	-
i9	-158	67	-23	-164	-7.9
i ₁₀	-79	58	90	-74	-8.0
i ₁₁	-76	62	73	72	-6.4
i ₁₂	-179	56	98	168	-6.7
i ₁₃	53	64	-147	-85	-5.4
i ₁₄	54	65	-147	47	-3.3
i ₁₅	50	60	-134	-174	-5.6
i ₁₆	58	67	84	-88	-3.7
i ₁₇	90	81	86	64	-2.9
i ₁₈	56	66	89	55	-4.9
i ₁₉	-171	178	-116	-72	-8.9
i ₂₀	-168	179	-117	62	-9.0
i ₂₁	-180	176	-116	168	-7.3
i ₂₂	-171	171	118	-71	-8.4
i ₂₃	-170	172	116	62	-8.7
i ₂₄	179	169	114	168	-7.5
i ₂₅	-62	-170	-117	-70	-8.7
i ₂₆	-60	-175	-114	72	-8.3
i ₂₇	-95	-176	-121	175	-5.6
i ₂₈	-67	179	116	-72	-8.7
i ₂₉	-60	173	127	69	-9.0
i ₃₀	-	-	-	-	-
i ₃₁	62	178	-117	-87	-6.0
i ₃₂	89	-175	-115	62	-5.4
i ₃₃	62	-176	-118	176	-7.7
i 34	61	171	114	-86	-5.9
i ₃₅	89	179	125	61	-5.3
i ₃₆	62	177	120	179	-7.1
i 37	-	-	-	-	-
i ₃₈	-174	-95	-117	60	-6.1
i 39	180	-85	-81	167	-4.5
i ₄₀	-148	-68	127	-62	-7.1
i ₄₁	-156	-72	-132	63	-7.2
i ₄₂	-177	-85	139	42	-6.2
i ₄₃	-60	-53	-94	-70	-8.4
i44	-62	-61	152	70	-9.0
i ₄₅	-91	-57	-91	173	-4.6
i ₄₆	-47	-50	137	-61	-8.8
i ₄₇	-62	-61	152	70	-9.0

i ₄₈	-95	-63	128	175	-5.8
i49	60	-79	-78	-92	-4.2
i ₅₀	66	-92	149	51	-4.7
i ₅₁	76	-60	-85	-159	-6.3
i ₅₂	-	-	-	-	-
i ₅₃	66	-92	149	51	-4.7
i ₅₄	70	-70	130	-165	-7.5



Figure S17. Optimized geometries of the transition state structures involving proton abstraction for the formation of sesquiterpenes, **F1**, **F2**, **G1** and **G2** at the mPW1K/6-31+G** level of theory. Distances are in Å [atom colors: black = C, red = O, blue = P, ivory = Mg]

Table S15. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different stationary points at the B3LYP/6-31+G** level of theory. All energy values given are in a.u. Number of imaginary frequencies (NImag) and value in cm⁻¹ is provided

Stationary point	Е	H _{298K}	G _{298K}	NImag
a	-586.408725	-586.026853	-586.092659	0
TS(a-b)	-586.399316	-586.018185	-586.081380	1 (-74.1126)
b	-586.399698	-586.017074	-586.080937	0
TS(b-b')	-586.3920907	-586.011119	-586.073138	1 (-63.8791)
b'	-586.3934326	-586.010726	-586.073077	0
TS(b-c)	-586.382007	-586.000802	-586.061900	1 (-291.8926)
с	-586.4130939	-586.029770	-586.092050	0
$TS(a-c)^a$	-586.3834804	-586.002242	-586.063072	1 (-304.0299)
TS(c-d)	-586.382035	-585.999637	-586.060024	1 (-346.9619)
d	-586.4138179	-586.030681	-586.093021	0
TS(d-c1)	-586.394520	-586.01193	-586.07256	1 (-325.6154)
c1	-586.4141824	-586.030797	-586.093152	0
TS(a- a')	-586.407430	-586.026460	-586.089340	1 (-30.0053)
a'	-586.4135382	-586.031392	-586.096645	0
TS(a'-a1)	-586.4094904	-586.028702	-586.091823	1 (-33.7991)
a1	-586.409673	-586.027813	-586.093394	0
$TS(a1-b1)^b$				
b1 ^b				
TS(b1-c1) ^b				
TS(a1-c1)	-586.046630	-586.004080	-586.065900	1 (-287.8419)
a _{exo}	-586.4138171	-586.031633	-586.097955	0
TS(a _{exo} -a)	-586.400900	-586.020190	-586.083600	1 (-43.6821)

TS(a-h)	-586.396887	-586.017452	-586.082715	1 (-515.28)
h	-586.4098307	- 586.028645	-586.095492	0
h'	-586.4103305	-586.029456	-586.095397	0
TS(h'-a2 _{exo})	-586.398233	-586.019277	-586.085131	1 (-513.5946)
a2 _{exo}	586.4124337	-586.096272	-586.049405	0
a2	-586.4111268	-586.029049	-586.095251	0
$TS(a2-b2)^b$				
b2 ^b				
TS(b2-c2)				
TS(a2-c2)	-586.3839309	-586.002710	-586.064674	1(-311.4432)
c2	-586.4162861	-586.032849	-586.095600	0

^{*a*} The conformation of R group is different than in other transition states. ^{*b*} Transition states and intermediates could not be located with this particular conformation of **a**. Direct conversion of **a** to **c** was observed instead.

Table S16. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different stationary points at the B3LYP/6-31G** level of theory. All energy values given are in a.u. Number of imaginary frequencies (NImag) and value in cm⁻¹ is provided

Stationary point	Е	H _{298K}	G _{298K}	Nimag
a	-586.399256	-586.016536	-586.082210	0
TS(a-b)	-586.389989	-586.008047	-586.071249	1 (-82.4372)
b	-586.390609	-586.007131	-586.070940	0
TS(b-b')	-586.382628	-586.000845	-586.062924	1 (-67.9918)
b'	-586.384133	-586.000597	-586.062967	0
TS(b-c)	-586.373046	-585.991033	-586.051808	1 (-288.7371)
c	-586.404281	-586.020226	-586.082829	0
$TS(a-c)^a$	-586.375370	-585.993294	-586.053838	1 (-303.4909)
TS(c-d)	-586.373102	-585.989960	-586.050785	1 (-348.4336)
d	-586.409049	-586.024479	-586.086571	0
TS(d-c1)	-586.385746	-586.002371	-586.062823	1 (-325.993)
c1	-586.405185	-586.021004	-586.083278	0
TS(a- a')	-586.397429	-586.015616	-586.078196	1 (-34.5461)
a'	-586.402939	-586.020039	-586.085753	0
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TS(a'-a1)	-586.399533	-586.017834	-586.080627	1 (-27.6154)
a1	-586.399565	-586.016867	-586.082773	0
TS(a1-b1) ^b				
b1 ^b				
$TS(b1-c1)^b$				
TS(a1-c1)	-586.376619	-585.994433	-586.056293	1 (-283.3038)
a _{exo}	-586.402705	-586.019843	-586.085527	0
TS(a _{exo} -a)	-586.390688	-586.009155	-586.072494	1 (-43.4012)
TS(a-h)	-586.386478	-586.006218	-586.071215	1 (-534.7471)
h	-586.3993683	-586.017343	-586.084703	0
h'	-586.399775	-586.018121	-586.084022	0
TS(h'-a2 _{exo})	-586.387794	-586.008022	-586.073780	1(-514.7172)
a2 _{exo}	-586.402407	-586.019569	-586.085349	0
a2	-586.4014806	-586.018523	-586.084333	0
$TS(a2-b2)^b$				
$\mathbf{b2}^{b}$				
TS(b2-c2)				
TS(a2-c2)	-586.3748101	-585.992815	-586.054825	1 (-311.6434)
c2	-586.4074913	-586.02326	-586.086135	0

^{*a*} The conformation of R group is different than in other transition states. ^{*b*} Transition states and intermediates could not be located with this particular conformation of **a**. Direct conversion of a to c was observed instead.

Table S17. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different stationary points at the BB1K/6-31+G** level of theory. All energy values given are in a.u. Number of imaginary frequencies (NImag) and value in cm⁻¹ is provided

Stationary point	Е	H _{298K}	G _{298K}	Nimag
a	-586.063418	-585.673324	-585.738941	0
TS(a-b)	-586.0586259	-585.669287	-585.73287	1 (-87.9149)
b	-586.06905	-585.677272	-585.737933	0
TS(b-c)	-586.052694	-585.662779	-585.723109	1 (-310.8142)
TS(b-b')	-586.0612664	-585.671747	-585.733094	1 (-88.0119)

b'	-586.0648749	-585.673643	-585.735280	0
c	-586.0857296	-585.693975	-585.755204	0
TS(c-d)	-586.057634	-585.666505	-585.726191	1 (-306.8699)
d	-586.0893687	-585.696876	-585.758287	0
TS(d-c1)	-586.0709452	-585.679999	-585.740288	1 (-301.5594)
c1	-586.0874964	-585.695325	-585.756167	0
TS(a- a')	-586.0629774	-585.673948	-585.736279	1 (-30.392)
a'	-586.067357	-585.676514	-585.740628	0
TS(a'-a1)	-586.0639144	-585.675186	-585.738349	1 (-39.245)
a1	-585.694779	-585.674142	-585.738521	0
TS(a1-b1)	-586.0607868	-585.671152	-585.734072	1 (-48.7811)
b1	-586.068805	-585.677109	-585.739265	0
TS(b1-c1)	-586.055241	-585.665038	-585.725728	1 (-302.6997)
a _{exo}	-586.059839	-585.669355	-585.733922	0
TS(a _{exo} -a)	-586.0548765	-585.66597	-585.729589	1 (-43.2166)
TS(a-h)	-586.055406	-585.667159	-585.731912	1 (-300.7821)
h ^a				
h'	-586.064864	-585.675421	-585.740113	0
TS(h'-a2 _{exo})	-586.056545	-585.668755	-585.733425	1 (-210.7511)
a2 _{exo}	-586.063965	-585.674124	-585.692791	0
a2	-586.0659144	-585.675365	-585.740232	0
$TS(a2-b2)^a$				
b2	-586.0690664	-585.677226	-585.738929	0
TS(b2-c2)	-586.0542589	-585.664207	-585.724318	1 (-301.9744)
c2	-586.088242	-585.696649	-585.760808	0

^{*a*} Stationary point not located.

Table S18. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different stationary points at the PCM/mPW1K/6-31+G** level of theory. All energy values given are in a.u. Number of imaginary frequencies (NImag) and value in cm⁻¹ is provided

Stationary point	Е	Н	G	NImag
a	-586.3324535	-585.94015	-586.00337	0
TS(a-b)	-586.3246849	-585.933671	-585.994724	1 (-105.282)
b	-586.3342196	-585.941355	-586.002215	0
TS(b-b')	-586.330621	-585.939695	-585.999375	1 (-57.0442)
b'	-586.3329382	-585.939778	-586.000982	0
TS(b-c)	-586.319471	-585.927763	-585.987923	1 (-283.6468)
с	-586.351988	-585.95828	-586.018756	0
TS(c-d)	-586.322153	-585.929138	-585.987900	1 (-332.489)
d	-586.3545082	-585.960080	-586.020157	0
TS(d-c1)	-586.3358571	-585.942355	-586.000709	0
c1	-586.3545749	-585.960776	-586.020971	0
$TS(a-a')^a$	-586.3307923			
a'	-586.3348975	-585.94271	-586.006775	0
$TS(a'-a1)^a$	-586.3320127			
a1	-586.3331331	-585.941129	-586.004403	0
TS(a1-b1)	-586.3256625	-585.933745	-585.993821	1 (-67.0617)
b1	-586.3337096	-585.940446	-586.000780	0
TS(b1-c1)	-586.321711	-585.929352	-585.988576	1 (-271.7482)
aexo	-586.2697625	-585.876575	-585.938186	0
TS(a _{exo} -a)	-586.3247455	-585.934164	-585.996895	1 (-46.2031)
TS(a-h)	-586.3252486	-585.935307	-585.99842	1 (-286.1131)
h	-586.3344300	-585.942929	-586.005249	0
h'	-586.3352506	-585.942929	-586.005249	0
TS(h'-a2 _{exo})	-586.3269291	-585.937679	-586.002162	1 (-284.9044)
a2 _{exo}	-586.3341764	-585.942179	-586.006327	0
a2	-586.3342417	-585.941435	-586.004746	0
TS(a2-b2)	-586.3257603	-585.934124	-585.995142	1 (-81.87)
b2	-586.3341013	-585.940693	-586.000859	0
TS(b2-c2)	-586.321351	-585.928984	-585.98787	1 (-274.5728)
c2	-586.3544477	-585.960754	-586.021426	0

^a Single point calculation at PCM/ mPW1K/6-31+G**//mPW1K/6-31+G**.

Table S19. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different stationary points at the mPW1K/6-31+G** level of theory. All energy values given are in a.u. Number of imaginary frequencies (NImag) and value in cm⁻¹ is provided

Stationary point	Е	Н	G	NImag
a	-586.2709057	-585.878811	-585.943976	0
TS(a-b)	-586.2646729	-585.873548	-585.936628	1 (-94.0763)
b	-586.2730677	-585.879806	-585.941508	0
TS(b-b')	-586.266983	-585.875631	-585.936769	1 (-77.4099)
b'	-586.269763	-585.876575	-585.938184	0
TS(b-c)	-586.2566924	-585.864946	-585.925365	1 (-301.5702)
c	-586.290734	-585.897073	-585.958555	0
TS(c-d)	-586.2612677	-585.868451	-585.928894	1 (-331.3435)
d	-586.295229	-585.901000	-585.962818	0
TS(d-c1)	-586.2748944	-585.881788	-585.94131	1 (-315.8403)
c1	-586.2924344	-585.898600	-585.959971	0
TS(a- a')	-586.269778	-585.878561	-585.940359	1 (-26.0707)
a'	-586.274585	-585.882305	-585.947598	0
TS(a'-a1)	-586.271500	-585.880554	-585.942983	1 (-32.1397)
a1	-586.271876	-585.879783	-585.944674	0
TS(a1-b1)	-586.2670439	-585.875418	-585.937937	1 (-53.2613)
b1	-586.2728932	-585.879500	-585.941611	0
TS(b1-c1)	-586.259405	-585.867422	-585.928089	1 (-287.731)
a _{exo}	-586.266717	-585.874300	-585.93990	0
TS(a _{exo} -a)	-586.2625518	-585.871641	-585.934575	1 (-40.5949)
TS(a-h)	-586.0553623	-585.872704	-585.937729	1 (-267.7973)
h	-586.27184	-585.880364	-585.946714	0
h'	-586.272603	-585.881318	-585.946802	0
TS(h'-a2 _{exo})	-586.263961	-585.874545	-585.939605	1 (-289.212)

a2 _{exo}	-586.273005	-585.880857	-585.946924	0
a2	-586.2731822	-585.880825	-585.945790	0
TS(a2-b2)	-586.267029	-585.875414	-585.937911	1 (-77.0083)
b2	-586.273316	-585.879754	-585.941364	0
TS(b2-c2)	-586.2587246	-585.866814	-585.927288	1 (-293.3752)
c2	-586.2935331	-585.899730	-585.962293	0
TS(h-i)	-586.260856	-585.871576	-585.936192	-545.1171
TS(a1'-i)	-586.262204	-585.871679	-585.934501	-347.1171
i	-586.287623	-585.894633	-585.959632	-586.287623

Table S20. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different stationary points in the presence of pyrophosphate (OPP⁻) at the mPW1K/6-31+G** level of theory. All energy values given are in a.u. Number of imaginary frequencies (NImag) and value in cm⁻¹ is provided

Stationary point	Е	Н	G	Nimag
a _{pp}	-2385.303541	-2384.833631	-2384.935348	0
TS(a-b) pp	-2385.287627	-2384.819372	-2384.852437	1 (-45.0075)
b _{pp}	-2385.318287	-2384.849176	-2384.94947	0
TS(b-c) _{pp} ^a	-2385.298487	-2384.827769	-2384.925953	1 (-233.4548)
с _{pp}	-2385.330304	-2384.859313	-2384.95818	0
TS(b-G1)	-2385.317859	-2384.851362	-2384.949287	1 (-148.8964)
G1	-2385.345109	-2384.874283	-2384.977712	0
TS(b-G2)	-2385.317258	-2384.850779	-2384.948678	1 (-148.8964)
G2	-2385.343938	-2384.872677	-2384.974196	0
TS(c-F1)	-2385.3230798	-2384.855045	-2384.953554	1 (-196.7191)
F1	-2385.3641762	-2384.892414	-2384.99499	0
TS(c-F2)	-2385.3296146	-2384.861285	-2384.958939	1 (-85.4454)
F2	-2385.361674	-2384.889747	-2384.991846	0
b1 _{pp}	-2385.318328	-2384.849127	-2384.948909	0

TS(b1-G3)	-2385.317875	-2384.851258	-2384.949031	1 (-156.5518)
G3	-2385.345128	-2384.874243	-2384.976655	0
TS(b1-G4)	-2385.317229	-2384.850719	-2384.948178	1 (-256.92940)
G4	-2385.343732	-2384.872382	-2384.973894	0
c1 _{pp}	-2385.332423	-2384.862032	-2384.962123	0
TS(c1-F3)	-2385.332343	-2384.864067	-2384.961722	1 (-105.9697)
$\mathbf{F3}^{b}$	-2385.4027025	-2384.930218	-2385.028083	0
c2 _{pp}	-2385.332753	-2384.861838	-2384.961292	0
TS(c2-F4)	-2385.332103	-2384.863785	-2384.961803	1 (-111.957)
F4	-2385.363777	-2384.891914	-2384.993856	0

^a The geometry could not be optimized using 6-31+G** basis set. The energy is therefore reported at the mPW1K/6-31+G**//mPW1K/6-31G** level of theory.
 ^b When Mg²⁺ is not bound to the formate, large changes during geometry optimization results in its interaction

with the double bond of the side chain.

Table S21. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different stationary points in the presence of pyrophosphate (OPP) at the PCM/mPW1K/6-31+G** level of theory. All energy values given are in a.u. Number of imaginary frequencies (Nimag) and value in cm⁻¹ is provided

Stationary point	Е	Н	G	Nimag
a _{pp} ^a	-2385.3815893			
TS(a-b) pp	-2385.372365	-2384.90483	-2385.008447	1 (-84.5067)
b _{pp}	-2385.3910961	-2384.922432	-2385.025713	0
TS(b-c) _{pp}	-2385.3746636	-2384.906097	-2385.008358	1 (-259.9540)
c _{pp}	-2385.405936	-2384.936052	-2384.96989	0
TS(b-G1)	-2385.389217	-2384.925116	-2385.025261	1 (-558.9009)
G1 ^a	-2385.4171734			
TS(b-G2)	-2385.3882521	-2384.923384	-2385.023204	1 (-441.3631)
G2	-2385.415691	-2384.945741	-2385.048925	0
TS(c-F1)	-2385.398462	-2384.932342	-2385.032974	1 (-265.4158)
F1	-2385.438174	-2384.96767	-2385.070588	0
TS(c-F2) ^c	-2385.4034445	-2384.938624	-2385.037166	2 (-308.9971, -4.7867)

F2	-2385.434401	-2384.963941	-2385.06683	0
b1 _{pp}	-2385.392284	-2384.923838	-2385.026799	0
TS(b1-G3)	-2385.389297	-2384.925227	-2385.025880	1 (-528.4177)
G3 ^a	-2385.4171486			0
TS(b1-G4)	-2385.388007	-2384.923466	-2385.024876	1 (-585.4346)
$\mathbf{G4}^{b}$				
c1 _{pp} ^a	-2385.4080466			
TS(c1-F3)	-2385.406494	-2384.940368	-2385.042084	1 (-292.6439)
F3	-2385.4373014	-2384.96674	-2385.068395	0
c2 _{pp}	-2385.4082556	-2384.938158	-2385.040796	0
TS(c2-F4)	-2385.406698	-2384.940452	-2385.042667	1 (-282.6198)
F4 ^a	-2385.4359837			

^a Single point energy calculation at PCM/mPW1K/6-31G**//PCM/mPW1K/6-31+G**.

^b Stationary point could not be located. ^c Intruder frequency could not be eliminated.

Table S22. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of the lowest transition states for the conversion of bisabolyl cation to santalene and bergamotene precursors at the mPW1K/6-31+G** level of theory. All energy values are in a.u.

Stationary point	Е	Н	G	NImag
TS(a-b) ₁	-586.269116	-585.877493	-585.937996	-62.7511
TS(b-c) ₁	-586.258724	-585.866812	-585.927287	-293.4452
$TS(c-d)_1$	-586.265501	-585.872582	-585.932430	-335.3316
$TS(d-c1)_1$	-586.278863	-585.885845	-585.945780	-324.9903
TS(a1-b1) ₁	-586.269879	-585.878249	-585.938594	-56.2036
TS(b1-c1) ₁	-586.259406	-585.867420	-585.928074	-287.7456
TS(a-h) ₁	-586.270271	-585.881010	-585.943784	-168.7660
TS(h'-a2 _{exo}) ₁	-586.270019	-585.880827	-585.943895	-151.7217
TS(h-i) ₁	-586.272160	-585.883056	-585.945637	-334.3185
$TS(a1'-i)_1$	-586.267120	-585.876419	-585.937328	-252.4157

Table S23. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different conformers of cation **a** at the mPW1K/6-31+G** level of theory. All energy values are in a.u.

Stationary point	Е	Н	G
a ₁	-586.272530	-585.881331	-585.946312
a ₂	-586.272392	-585.881244	-585.946560
a 3	-586.273288	-585.880960	-585.946012

a 4	-586.273182	-585.880825	-585.945794
a 5	-586.270906	-585.878811	-585.943976
a ₆	-586.271081	-585.879055	-585.943582
\mathbf{a}_7	-586.271926	-585.880355	-585.944368
a ₈	-586.274371	-585.883055	-585.946059
ag	-586.277235	-585.885177	-585.948779
a ₁₀	-586.274919	-585.882716	-585.946628
a ₁₁	-586.271926	-585.880357	-585.944374
a ₁₂	-586.274371	-585.883055	-585.946059
a ₁₃	-586.274065	-585.882543	-585.946768
a ₁₄	-586.272262	-585.880117	-585.945002
a ₁₅	-586.274038	-585.882669	-585.946607
a ₁₆	-586.271709	-585.880465	-585.943886
a ₁₇	-586.273124	-585.881107	-585.944421
a ₁₈	-586.272520	-585.880250	-585.943271
a ₅ -b	-586.272105	-585.879877	-585.94432

Table S24. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different conformers of cation a_{2exo} (6*R*) at the mPW1K/6-31+G** level of theory. All energy values are in a.u.

Stationary point	Ε	Н	G
a _{2exo1}	-	-	-
a _{2exo2}	-586.273884	-585.882200	-585.948219
a _{2exo3}	-586.276549	-585.883952	-585.949416
a _{2exo4}	-586.276316	-585.883745	-585.949160
a _{2exo5}	-586.276173	-585.883718	-585.949156
a _{2exo6}	-	-	-
a _{2exo7}	-586.274133	-585.882354	-585.948063
a _{2exo8}	-586.275808	-585.884170	-585.949108
a _{2exo} 9	-586.278967	-585.886905	-585.951281
a _{2exo10}	-586.277200	-585.884851	-585.949790
a _{2exo11}	-	-	-
a _{2ex012}	-	-	-
a _{2exo13}	-586.276107	-585.883623	-585.948225
a _{2exo14}	-586.276394	-585.883979	-585.948964
a _{2exo15}	-586.275702	-585.884189	-585.949085
a _{2ex016}	-	-	-
a _{2ex017}	-586.274272	-585.882590	-585.945980
a _{2exo18}	-586.272034	-585.880136	-585.944894

Table S25. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different conformers of cation **b** at the mPW1K/6-31+G** level of theory. All energy values are in a.u.

Stationary point	Е	Н	G
b ₁	-586.273068	-585.879806	-585.941508
b ₂	-586.272586	-585.879373	-585.941309
b ₃	-586.273185	-585.879561	-585.941338
b 4	-586.273316	-585.879754	-585.941364
b 5	-586.268759	-585.875326	-585.936286
b ₆	-586.268822	-585.875416	-585.936541
\mathbf{b}_7	-586.259108	-585.865345	-585.926044
b 8	-586.272679	-585.879227	-585.939825
b9	-586.273886	-585.880392	-585.940022
b ₁₀	-586.271906	-585.878622	-585.940192
b ₁₁	-586.270340	-585.876803	-585.937772
b ₁₂	-586.266391	-585.872868	-585.933371
b ₁₃	-586.268280	-585.875067	-585.935252
b ₁₄	-586.273273	-585.879745	-585.940359
b ₁₅	-586.272156	-585.878582	-585.939630
b ₁₆	-586.270949	-585.877801	-585.939274
b ₁₇	-586.269396	-585.876202	-585.938162
b ₁₈	586.268289	-585.875135	-585.935053

Table S26. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different conformers of cation **b** at the B3LYP/6-31+G** level of theory. All energy values are in a.u.

Stationary point	Е	Н	G
b 1	-586.399698	-586.017076	-586.080949
b ₂	-586.399370	-586.016703	-586.080540
b ₃	-	-	-
b ₄	-	-	-
b 5	-586.394871	-586.012058	-586.075205
b ₆	-586.394996	-586.012159	-586.075024
b ₇	-586.398498	-586.015692	-586.078452
b ₈	-586.398964	-586.016002	-586.077812
b 9	-	-	-
b ₁₀	-	-	-
b ₁₁	-586.392468	-586.009489	-586.071803
b ₁₂	-586.393620	-586.011036	-586.073260
b ₁₃	-	-	-
b ₁₄	-	-	-

b ₁₅	-	-	-
b ₁₆	-	-	-
b ₁₇	-586.393354	-586.010680	-586.072327
b ₁₈	-586.391922	-586.009086	-586.071238

Table S27. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different conformers of cation **b**₉ at different levels of theory using 6-31+G** as the basis set. All energy values are in a.u.

Level of Theory	Е	Н	G
B3LYP	-	-	-
mPW1K	-586.273886	-585.880392	-585.940022
BB1K	-586.067999	-585.675936	-585.736376
mPW1PW91	-	-	-
MP2	-582.326448	-584.150532	-584.212541
MPWB1K	-586.063555	-585.670897	-585.730821
M06-2X	-586.096855	-585.711149	-585.772807

Table S28. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different conformers of cation **b**'₉ at different levels of theory using 6-31+G** as the basis set. All energy values are in a.u.

Level of Theory	Е	Н	G
B3LYP	-586.390906	-586.008362	-586.070994
mPW1K	-586.267447	-585.874388	-585.935979
BB1K	-586.063212	-585.672107	-585.733477
mPW1PW91	-586.262856	-585.877442	-585.939979
MP2	-582.323298	-584.143837	-584.205829
MPWB1K	-586.058803	-585.666908	-585.726924
M06-2X	-586.0913452	-585.705762	-585.766030

Table S29. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different conformers of cation **b'** at the mPW1K/6-31+G** level of theory. All energy values are in a.u

Stationary point	E	Н	G
b'1	-586.269762	-585.876576	-585.938185
b' 2	-586.269417	-585.876272	-585.938354
b'3	-586.269509	-585.876406	-585.938365
b' 4	-586.269803	-585.876643	-585.938242
b'5	-586.266536	-585.873237	-585.934397
b'6	-586.266585	-585.873291	-585.934469
b' 7	-586.269973	-585.876545	-585.937218
b'8	-586.270786	-585.877507	-585.937985

b'9	-586.267447	-585.874388	-585.935979
b' ₁₀	-586.265950	-585.872776	-585.934382
b' ₁₁	-586.264133	-585.870723	-585.931093
b' ₁₂	-586.266841	-585.873845	-585.934294
b' ₁₃	-586.269462	-585.876326	-585.937104
b' ₁₄	-586.268627	-585.875338	-585.936006
b' ₁₅	-586.267495	-585.874387	-585.935810
b' ₁₆	-	-	-
b' ₁₇	-586.268976	-585.875734	-585.935402
b' ₁₈	-586.265147	-585.871918	-585.932245

Table S30. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different conformers of cation **b'** at the B3LYP/6-31+G** level of theory. All energy values are in a.u.

Stationary point	Е	Н	G
b' 1	-586.393433	-586.010728	-586.073070
b'2	-586.393244	-586.010390	-586.073112
b'3	-586.393223	-586.010592	-586.073537
b' 4	-586.393427	-586.010830	-586.073507
b'5	-586.389645	-586.006987	-586.069376
b'6	-586.069376	-586.007013	-586.069381
b' 7	-586.392801	-586.009962	-586.071692
b'8	-586.393569	-586.010850	-586.072657
b' 9	-586.390906	-586.008362	-586.070994
b' ₁₀	-586.389664	-586.007080	-586.069681
b' ₁₁	-586.386770	-586.004007	-586.065851
b' ₁₂	-586.389264	-586.006741	-586.068383
b' ₁₃	-586.392411	-586.009901	-586.072060
b' ₁₄	-586.391703	-586.008938	-586.070725
b' ₁₅	-586.390747	-586.008279	-586.070884
b' ₁₆	-586.389284	-586.007703	-586.067526
b' ₁₇	-586.390528	-586.007894	-586.069376
b' ₁₈	-586.387498	-586.004723	-586.066016

Table S31. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different conformers of cation **c** at the mPW1K/6-31+G** level of theory. All energy values are in a.u.

Stationary point	Е	Н	G
c ₁	-586.290734	-585.897073	-585.958555
c ₂	-586.290096	-585.896456	-585.958375
c ₃	-586.293624	-585.899810	-585.961723
C 4	-586.293533	-585.899730	-585.962296
c 5	-586.287027	-585.893259	-585.954878
c ₆	-586.287586	-585.893921	-585.955408
c ₇	-586.288966	-585.895288	-585.955284
c ₈	-586.289897	-585.896266	-585.956013
C9	-586.291906	-585.898206	-585.958748
c ₁₀	-586.290443	-585.896738	-585.958021
c ₁₁	-	-	-
c ₁₂	-586.285225	-585.891684	-585.952280
c ₁₃	-586.291670	-585.897905	-585.958893
c ₁₄	-586.290096	-585.896136	-585.957103
c ₁₅	-586.287700	-585.894248	-585.955646
c ₁₆	-586.286637	-585.893928	-585.952172
c ₁₇	-	-	-
c ₁₈	-586.288719	-585.894761	-585.954704

Table S32. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different conformers of cation **d** at the mPW1K/6-31+G** level of theory. All energy values are in a.u.

Stationary point	Е	Н	G
d ₁	-586.291544	-585.897970	-585.959500
d ₂	-586.291362	-585.897716	-585.959315
d ₃	-586.295460	-585.901902	-585.963641
d4	-586.295443	-585.901822	-585.963826
d ₅	-586.295229	-585.901000	-585.962818
d ₆	-586.294743	-585.900605	-585.962996
d ₇	-	-	-
d ₈	-586.290278	-585.896603	-585.956243
d9	-586.295997	-585.902467	-585.963095
d ₁₀	-586.292607	-585.898727	-585.961282
d ₁₁	-586.294885	-585.900605	-585.961780
d ₁₂	-586.295533	-585.901268	-585.962093
d ₁₃	-	-	-
d ₁₄	-	-	-
d ₁₅	-586.292404	-585.898594	-585.958670
d ₁₆	-586.291704	-585.897794	-585.958225
d ₁₇	-586.296293	-585.902569	-585.963006

d ₁₈	-586.294590	-585.900896	-585.962807

Table S33. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different conformers of cation **a1'** at the mPW1K/6-31+G** level of theory. All energy values are in a.u.

Stationary point	Е	Н	G		
a1'1	-586.272670	-585.881061	-585.946688		
a1'2	-586.272519	-585.880879	-585.945959		
a1'3	-586.272791	-585.880793	-585.945131		
a1'4	-586.272208	-585.880270	-585.945229		
a1'5	-586.274585	-585.882305	-585.947598		
a1'6	-586.274908	-585.882633	-585.947481		
a1' 7	-586.271036	-585.879503	-585.943468		
a1'8					
a1'9	-586.273604	-585.881693	-585.945863		
a1' ₁₀	-586.272319	-585.880243	-585.944223		
a1' ₁₁	-586.275359	-585.883231	-585.947826		
a1' ₁₂	-586.275954	-585.883819	-585.948548		
a1' ₁₃	-586.274812	-585.883357	-585.947428		
a1' ₁₄	-586.272392	-585.880692	-585.945438		
a1' ₁₅					
a1' ₁₆					
a1' ₁₇	-586.277948	-585.885863	-585.949063		
a1' ₁₈	-586.275994	-585.883807	-585.948228		

Table S34. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different conformers of cation **b1** at the mPW1K/6-31+G** level of theory. All energy values are in a.u.

Stationary point	Е	Н	G		
b 1 ₁	-586.272031	-585.878863	-585.940062		
b12					
b13					
b14					
b1 ₅	-586.272893	-585.879500	-585.941614		
b1 ₆	-586.272805	-585.879373	-585.941270		
b1 ₇	-586.268151	-585.874821	-585.935529		
b1 ₈	-586.269243	-585.876071	-585.937025		
b19					
b1 ₁₀					
b1 ₁₁	-586.271769	-585.878250	-585.939428		
b1 ₁₂	-586.272410	-585.878862	-585.939052		
b1 ₁₃					
b1 ₁₄	-586.261192	-585.868624	-585.931445		

b1 ₁₅	-586.271803	-585.878767	-585.939101
b1 ₁₆	-586.270764	-585.878292	-585.938300
b1 ₁₇	-586.271451	-585.878097	-585.939678
b1 ₁₈	-586.269265	-585.875762	-585.937522

Table S35. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different conformers of cation **c1** at the mPW1K/6-31+G** level of theory. All energy values are in a.u.

Stationary point	Е	Н	G		
c1 ₁	-586.288968	-585.895147	-585.956252		
c1 ₂	-586.289278	-585.895505	-585.956501		
c1 ₃	-586.285929	-585.892181	-585.954558		
c14	-586.285278	-585.891425	-585.952907		
c1 ₅	-586.292435	-585.898600	-585.959972		
c1 ₆	-586.292379	-585.898642	-585.960104		
c1 ₇	-	-	-		
c1 ₈	-	-	-		
c1 9	-	-	-		
c1 ₁₀	-	-	-		
c1 ₁₁	-	-	-		
c1 ₁₂	-586.283230	-585.889691	-585.951274		
c1 ₁₃	-586.283242	-585.889637	-585.951679		
c1 ₁₄	-	-	-		
c1 ₁₅	-586.288144	-585.894421	-585.954442		
c1 ₁₆	-	-	-		
c1 ₁₇	-586.291285	-585.897519	-585.957915		
c1 ₁₈	-586.289539	-585.895741	-585.956704		

Table S36. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different conformers of cation **i** (*6R*, *7R*) at the mPW1K/6-31+G** level of theory. All energy values are in a.u.

Stationary point	Е	Н	G		
i ₁	-586.290196	-585.897640	-585.962229		
i ₂	-586.290955	-585.898363	-585.962955		
i3	-586.288979	-586.288979	-585.960515		
i4	-586.289042	-585.896437	-585.961422		
i5	-586.289834	-585.897220	-585.962185		
i ₆	-586.287832	-585.894961	-585.959508		
i ₇	-	-	-		
i ₈	-586.310048	-585.916289	-585.975199		
i9	-586.288429	-585.895850	-585.961438		
i ₁₀	-586.289856	-585.897455	-585.961530		
i ₁₁	-586.291134	-585.897722	-585.958966		

i ₁₂	-586.287832	-585.894961	-585.959504			
i ₁₃	586.287474	-585.894668	-585.957435			
i ₁₄	-586.283473	-585.890787	-585.954026			
i ₁₅	-586.286644	-585.893938	-585.957761			
i ₁₆	-586.283179	-585.890508	-585.954712			
i ₁₇	-586.281487	-586.281487 -585.888782 -585				
i ₁₈	-585.953387	-585.892069	-585.956523			
i ₁₉	-586.289187	-585.896689	-585.962956			
i ₂₀	-586.289816	-585.897371	-585.963064			
i ₂₁	-586.288156	-585.895480	-585.960466			
i ₂₂	-586.289470	-585.896922	-585.962228			
i ₂₃	-585.960466	-585.897409	-585.962620			
i ₂₄	-586.288345	-585.895685	-585.960805			
i ₂₅	-586.289297	-585.896867	-585.962657			
i ₂₆	-586.290097	-585.897627	-585.962001			
i ₂₇	-586.285042	-585.892398	-585.957756			
i ₂₈	-586.289414	-585.897004	-585.962677			
i ₂₉	-586.291166	-585.898975	-585.963134			
i ₃₀	-	-	-			
i ₃₁	-586.286125	-585.893454	-585.958363			
i ₃₂	-586.285049	-585.892395	-585.957420			
i ₃₃	-586.288103	-585.895526	-585.961104			
i ₃₄	-586.286113	-585.893408	-585.958198			
i ₃₅	-586.284715	-585.892063	-585.957272			
i ₃₆	-586.287903	-585.895176	-585.960083			
i 37	-	-	-			
i ₃₈	-586.285804	-585.893090	-585.958471			
i 39	-586.284232	-585.891516	-585.955995			
i40	-586.287618	-585.895109	-585.960169			
i ₄₁	-586.287803	-585.895389	-585.960286			
i ₄₂	-586.285755	-585.893269	-585.958691			
i43	-586.289120	-585.896632	-585.962205			
i44	-586.292033	-585.899731	-585.963186			
i45	-586.284240	-585.891522	-585.956131			
i ₄₆	-586.291051	-585.898643	-585.962875			
i ₄₇	-586.292033	-585.899731	-585.963186			
i ₄₈	-586.285595	-585.892985	-585.957954			
i49	-586.284318	-585.891612	-585.955486			
i ₅₀	-586.284690	-585.892151	-585.956194			
i ₅₁	-586.287577	-585.895023	-585.958831			
i ₅₂	-	-	-			
i ₅₃	-586.284690	-585.892151	-585.956204			
i ₅₄	-586.289852	-585.897408	-585.960742			

Table S37. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different conformers of cation **h** at the mPW1K/6-31+G** level of theory. All energy values are in a.u.

Stationary point	Е	Н	G		
h ₁	-586.273117	-585.881776	-585.947599		
h ₂	-586.273582	-585.882220	-585.948073		
h ₃	-586.272954	-585.881602	-585.947956		
h ₄	-586.268445	-585.877066	-585.942731		
h ₅	586.268175	-585.876854	-585.942525		
h ₆	-586.268175	-585.876854	-585.942525		
\mathbf{h}_7	-586.267489	-585.875734	-585.939042		
h ₈	-586.265372	-585.873997	-585.938852		
h9	-586.274855	-585.883448	-585.948569		
h ₁₀	-586.273176	-585.881749	-585.947469		
h ₁₁	-	-	-		
h ₁₂	-	-	-		
h ₁₃	-586.273045	-585.881625	-585.947217		
h ₁₄	-586.274567	-585.883178	-585.948550		
h ₁₅	-586.267919	-585.876597	-585.940489		
h ₁₆	-586.269420	-585.877986	-585.941147		
h ₁₇	-586.271324	-585.879693	-585.944578		
h ₁₈	-586.272767	-585.881220	-585.946103		
h ₁₉	-586.276100	-585.884705	-585.949267		
h ₂₀	-586.277949	-585.886500	-585.951593		

Table S38. The total electronic Energy (E), Enthalpy (H_{298K}) and Gibbs Free Energy (G_{298K}) of different conformers of cation **h'** at the mPW1K/6-31+G** level of theory. All energy values are in a.u.

Stationary point	E	Н	G		
h'1	-586.276125	-585.884927	-585.950763		
h'2	-586.274427	-585.883164	-585.950245		
h'3	-586.267799	-585.876621	-585.942030		
h'4	-586.271249	-585.880271	-585.943737		
h'5	-586.274160	-585.882736	-585.948896		
h'6	-586.274400	-585.882913	-585.948817		
h' 7	-586.271285	-585.879999	-585.945827 -585.947365 -585.946354		
h'8	-586.273637	-585.882166			
h'9	-586.272035	-585.880545			
h' ₁₀	586.275218	-585.883719	-585.948994		
h' 11	-586.276460	-585.884753	-585.946945		
h' ₁₂	-586.273190	-585.881679	-585.947783		
h' ₁₃	-	-	-		
h' ₁₄	-	-	-		

h' ₁₅	-	-	-		
h' ₁₆	-	-	-		
h' ₁₇	-	-	-		
h' ₁₈	-	-	-		
h' ₁₉	-586.274178	-585.882686	-585.948702		
h' ₂₀	-586.276832	-585.885070	-585.950133		

Table S39. Relative energies (in kcal/mol) of key stationary points at different levels o	f
theory	

Stationary point	L	1	L	.2	L	.3	L	.4	L	.5
	ΔH	ΔG	ΔH	ΔG	ΔH	ΔG	ΔH	ΔG	ΔH	ΔG
a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TS(a-b)	5.33	6.88	5.44	7.08	2.53	3.81	4.07	5.43	3.30	4.61
b	5.90	7.07	6.14	7.36	-2.48	0.63	-0.76	0.72	-0.62	1.55
TS(b-b')	.85	12.10	9.87	12.25	0.99	3.67	0.29	2.51	2.00	4.52
b'	10.00	12.07	10.12	12.29	-0.20	2.30	0.23	1.50	1.40	3.63
TS(b-c)	16.00	19.08	16.35	19.30	6.62	9.93	7.77	9.69	8.70	11.68
c	-2.32	-0.39	-1.83	0.38	- 12.04	-9.53	- 11.38	-9.65	- 11.46	-9.15
$TS(a-c)^a$	14.58	17.80	15.44	18.57						
TS(c-d)	16.68	19.72	17.08	20.48	4.28	8.00	6.91	9.71	6.50	9.46
d	-4.98	-2.74	-2.40	-0.23	- 14.78	- 12.14	- 12.51	- 10.53	- 13.92	- 11.82
TS(d-c1)	8.89	12.17	9.36	12.61	-4.19	-0.85	-1.38	1.67	-1.87	1.67
c1	-2.80	-0.67	-2.47	-0.31	- 13.81	- 10.81	- 12.94	- 11.04	- 12.42	- 10.04
TS(a- a')	0.58	2.52	0.24	2.08	-0.39	1.67	0.36 ^c	1.25 ^c	0.16	2.27
a'	-2.20	-2.22	-2.30	-2.40	-2.00	-1.06	-1.61	-21.4	-2.19	-2.27
TS(a'-a1)	-0.81	0.99	-1.16	0.52	-1.17	0.37	-0.53 ^c	-0.03 ^c	-1.09	0.62
a1	-0.21	-0.36	-0.60	-0.46	-0.51	0.26	-0.61	-0.65	-0.61	-0.44
TS(a1-1)	-	-	-	-	1.36	3.06	4.02	5.99	2.13	3.79
1	-	-	-	-	-2.38	-0.20	-0.19	1.63	-0.43	1.48
TS(b1-	-	-	-	-	5.20	8.29	6.78	9.28	7.15	9.97

c1)										
TS(a1- c1) ^{<i>a</i>}	13.87	16.26	14.29	16.79						
a _{exo}	-2.08	-2.08	-3.00	-3.32	2.49	3.15	3.84	2.48	2.83	2.56
TS(a _{exo} - a)	4.63	6.10	4.18	5.68	4.61	5.87	3.76	4.06	4.50	5.90
TS(a-h)	6.47	6.90	5.90	6.24	3.87	4.41	3.04	3.11	3.83	3.92
h	-0.51	-1.56	-1.12	-1.78	_d	d	-1.51	-1.55	-0.97	-1.72
h'	-0.99	-1.14	-1.63	-1.72	-1.32	-0.74	-1.74	-1.18	-1.57	-1.77
TS(h'- a2 _{exo})	5.34	5.29	4.75	4.72	2.87	3.46	1.55	0.76	2.68	2.74
a2 _{exo}	-1.90	-1.97	-2.24	-2.27	-0.50	-0.63	-1.27	-1.86	-1.28	-1.85
a2	-1.25	-1.33	-1.38	-1.63	-1.28	-0.81	-0.81	-0.86	-1.26	-1.14
TS(a2-2)	-	-	-	-	_d	_d	3.78	5.16	2.13	3.81
b2	-	-	-	-	-2.45	0.01	-0.34	1.58	-0.59	1.64
TS(b2- c2)	-	-	-	-	5.72	9.18	7.01	9.73	7.53	10.47
TS(a2- c2) ^{<i>a</i>}	14.88	17.18	15.15	17.56						
c2	-4.22	-2.46	-3.76	-1.85	- 14.64	- 13.72	- 12.93	- 11.33	- 13.13	- 11.49

L1=B3LYP/6-31G**, L2=B3LYP/6-31+G**, L3=BB1K/6-31+G**, L4=PCM/mPW1K/6-31+G**, L5=mPW1K/6-31+G**.

^a Conformation of the side chain is different and this particular transition state is otained only at 3LYP functional.

Direct conversion of **a** to **c** is oserved and hence these stationary points do not exist on PES. ^c Single point calculation at PCM/ mPW1K/6-31+G**//mPW1K/6-31+G**. ^d Stationary point could not e located.

Table S40. Relative energies (in kcal/mol) in the presence of OPP⁻ at the mPW1K/6-31+G**

and PCM _{Ether}/mPW1K/6-31+G** level of theory

	mPW1K/	6-31+G**	PCM _{Ether} /mPW	/1K/6-31+G**
Stationary Point	$\Delta \mathrm{H}$	ΔG	ΔH	ΔG
a _{pp}	0.00	0.00	0.00^{a}	0.00^{a}
TS(a-b) _{pp}	8.95	10.07	4.32	5.53
рр	-9.75	-8.86	-6.72	-5.30
TS(b-c) _{pp}	3.68	5.89	3.53	5.59
с _{рр}	-16.11	-14.33	-15.27	-14.74
TS(b-G1)	-11.13	-8.75	-8.41	-5.02
G1	-25.50	-26.58	-21.79 ^{<i>a</i>}	-20.42^{a}
TS(b-G2)	-10.76	-8.36	-7.32	-3.73
G2	-24.50	-24.38	-21.35	-19.87
TS(c-F1)	-13.44	-11.42	-12.94	-9.86
F1	-36.89	-37.42	-35.11	-33.46
TS(c-F2)	-17.35	-14.80	-16.88 °	-12.49
F2	-35.45	-35.45	-32.77	-31.10
1 _{pp}	-9.72	-8.51	-7.60	-5.98
TS(b1-G3)	-11.06	-8.59	-8.48	-5.41
G3	-25.48	25.92	-21.76 ^{<i>a</i>}	-20.26^{a}
TS(b1-G4)	-10.72	-8.05	-7.37	-4.78
G4	-24.32	-24.19	d	d
c1 _{pp}	-17.82	-16.80	-15.88 ^a	-15.38 ^a
TS(c1-F3)	-19.09	-16.55	-17.98	-15.58
F3	-60.6 ^e	-58.2 ^e	-34.52	-32.09
c2 _{pp}	-17.69	-16.28	-16.59	-14.77
TS(c2-F4)	-18.92	-16.60	-18.03	-15.94
F4	-36.57	-36.71	-33.65 ^{<i>a</i>}	-29.9^{a}

^a Single point calculation at PCM/mPW1K/6-31+G**// PCM/mPW1K/6-31G**.

 Single point calculation at PCM/mP w IK/0-31+G**// PCM/mP w IK/0-31G**.
 Single point calculation mPW1K/6-31+G**// mPW1K/6-31G**.
 ^c Intruder NImag of -4.7867 could not e eliminated.
 ^d Stationary point not located.
 ^e When Mg²⁺ is not ound to the formate, large changes during geometry optimization results in its interaction with the doule ond of the side chain.

	L	.1	L	.2	L	3	L	.4	L	.5
	ΔH	ΔG	ΔH	ΔG	ΔH	ΔG	ΔH	ΔG	ΔH	ΔG
TS(a-b)	5.33	6.88	5.44	7.08	2.53	3.81	4.07	5.43	3.30	4.61
TS(b-c)	10.10	12.01	10.21	11.95	9.09	9.30	8.53	8.97	9.33	10.13
TS(a1-	_a	_a	_a	_a	1 36	3.06	4 63	6 64	2.74	4 23
b1)					1.50	5.00	1.00	0.01	2., .	
TS(b1-	_a	_a	_a	_a	7 57	8 49	6 96	9 28	7.58	8 49
c1)										
TS(c-d)	18.99	20.11	18.91	20.10	17.24	18.21	18.29	19.37	17.96	18.61
TS(d-c1)	13.87	14.90	11.76	12.84	10.59	11.29	11.12	12.20	12.06	13.50
TS(a- a')	0.58	2.52	0.24	2.08	-0.39	1.67		<u>_</u> ^c	0.16	2.27
TS(a'-	1 38	3 22	1 14	2.93	0.83	1 43	_c	_c	1 10	2.90
a1)	1.50	5.22	1.1 1	2.25	0.02	1.10			1.10	1
TS(a _{exo} -	6 71	8 18	7 18	9 01	2.12	2.72	0.09	1 58	1 67	3 34
a) ^b	0171	0.10	,	2.01		,_	0.09	1.00	1.07	0.0
TS(a-h)	6.47	6.90	5.90	6.24	3.87	4.41	4.55	4.66	3.83	3.92
TS(h-	6.34	6.43	6.39	6.44	4.18	4.20	3.29	1.94	3.96	4.59
a2 _{exo})	0.01	00	0.02				0.22		2.20	

Table S41. Activation barriers for the important transition states at different levels of theory. All values are in kcal/mol

^{*a*} Transition state not located.

The activation arrier for the *exo* to *endo* conversion is found to e higher than the hydride shift at 3LYP level of theory. This is due to the greater staility of the *exo* intermediate otained through optimization after IRC calculations. The *exo* form is in the half chair form rather than the oat form found at other level of theories. ^c Single point energy calculation at PCM/mPW1K/6-31+G**//mpW1K/6-31+G**.

Optimized Cartesian coordinates of stationary points at mPW1K/6-31+G level of theory**

a					TS(a-b)			
	6	0.483006	-1.525454	0.217913	6	-0.755166	-0.955012	0.371279
	6	2.622451	1.327658	-0.306730	6	-2.494353	1.192095	-0.171320
	6	3.042943	0.037217	-0.948795	6	-3.508760	0.301135	0.480259
	6	3.000894	-1.148065	0.005959	6	-3.261605	-1.205802	0.269945
	6	1.740174	-1.126000	0.867033	6	-1.928102	-1.448744	-0.420727
	6	1.722683	0.143460	1.717424	6	-1.904805	-0.652947	-1.722236
	6	2.044630	1.354465	0.893435	6	-1.790097	0.765522	-1.239357
	1	1.802000	2.308904	1.342355	1	-1.163277	1.462856	-1.779047
	6	2.907162	2.569295	-1.086119	6	-2.388325	2.583250	0.351053
	1	2.534947	3.456446	-0.582212	1	-1.674903	3.178687	-0.210608
	1	3.979405	2.690019	-1.239982	1	-3.358359	3.078498	0.303831
	1	2.451016	2.522469	-2.075461	1	-2.092859	2.584085	1.400884
	1	4.058400	0.143563	-1.331742	1	-4.483614	0.570518	0.069340
	1	2.428467	-0.135396	-1.837723	1	-3.582475	0.550889	1.539593
	1	3.117391	-2.087443	-0.530112	1	-3.321995	-1.736613	1.217898
	1	3.846136	-1.082769	0.688674	1	-4.035754	-1.634976	-0.360749
	1	1.782916	-1.991614	1.564703	1	-1.771712	-2.524488	-0.573570
	1	0.770559	0.281026	2.224455	1	-1.070759	-0.920525	-2.362329
	1	2.457990	0.028562	2.515682	1	-2.809325	-0.828494	-2.304767
	6	0.522372	-2.369556	-0.981848	6	-0.854739	-0.820942	1.829213
	1	1.088484	-3.275755	-0.749364	1	-1.041086	-1.837518	2.199903
	1	-0.462900	-2.648278	-1.336318	1	0.048721	-0.446350	2.293470
	1	1.088641	-1.879363	-1.774459	1	-1.716518	-0.241892	2.146296
	6	-0.811192	-1.162407	0.747823	6	0.593810	-0.931385	-0.210201
	1	-0.796626	-0.900859	1.799886	1	0.589975	-1.189609	-1.263119
	1	-1.554176	-1.930669	0.554564	1	1.108590	-1.746896	0.317236
	6	-1.261370	0.130333	-0.072059	6	1.435273	0.346036	0.023139
	1	-0.496883	0.895402	0.044617	1	0.881141	1.184063	-0.399567
	1	-1.320502	-0.122711	-1.126527	1	1.541219	0.540790	1.086037
	6	-2.565336	0.604750	0.467231	6	2.765100	0.231581	-0.645080
	1	-2.507145	1.131478	1.411815	1	2.732846	0.219131	-1.728630
	6	-3.766983	0.453672	-0.099208	6	3.963932	0.165013	-0.060773
	6	-4.983443	1.034051	0.548353	6	5.206932	0.085868	-0.890101
	1	-4.749760	1.546222	1.477029	1	4.989676	0.080925	-1.954397
	1	-5.713491	0.252733	0.760253	1	5.773083	-0.814313	-0.650689
	1	-5.469816	1.743364	-0.120941	1	5.861008	0.931894	-0.679234
	6	-4.026516	-0.259416	-1.386734	6	4.205833	0.177290	1.415160
	1	-4.752303	-1.057460	-1.231316	1	4.773462	-0.705345	1.709269
	1	-4.470276	0.423658	-2.110670	1	4.813200	1.039994	1.688445
	1	-3.141329	-0.695532	-1.839280	1	3.300150	0.206950	2.012982
b					TS(b-b')			
	6	-0.891909	-0.246538	0.494001	6	-1.862108	-0.024460	-1.691121
	6	-2.548845	0.727401	-0.725997	6	-1.547109	0.796507	-0.362526
	6	-3.680924	0.220353	0.085777	6	-2.856203	0.895683	0.206349
	6	-3.243217	-0.909763	1.050863	6	-3.673016	-0.317326	0.345215
	6	-1.878362	-1.416658	0.634222	6	-3.046422	-1.603934	-0.205427
	6	-1.902645	-1.655461	-0.880858	6	-1.709059	-1.295693	-0.858502
	6	-1.590744	-0.195229	-1.147598	6	-3.412871	2.192280	0.596088
	1	-0.881079	0.122802	-1.900691	6	-0.778671	-0.509189	0.098114
	6	-2.456997	2.158383	-1.054990	6	0.660985	-0.485772	-0.419134
	1	-1.547508	2.417084	-1.586347	6	1.614709	0.474614	0.289261
	1	-3.310941	2.397298	-1.695325	6	2.919339	0.576026	-0.435517
	1	-2.569886	2.776462	-0.165485	6	4.123487	0.183105	-0.016048

	1	-4.386677	-0.185482	-0.646892	6	5.330023	0.368010	-0.883238
	1	-4.198929	1.029859	0.593146	6	-0.797303	-0.827814	1.579916
	1	-3.226289	-0.533066	2.070679	6	4.408890	-0.451577	1.308671
	1	-3.965055	-1.721627	1.024415	1	-1.013587	1.738372	-0.434450
	1	-1 531615	-2 230626	1 267400	1	-3 290659	2 905202	-0 221671
	1	-1 109177	-2 302159	_1 233849	1	-4 449567	2 1 5 0 5 8 0	0.910722
	1	-1.10/1/7	2.010049	1 202470	1	2 702000	2.130300	1 407200
	I C	-2.843137	-2.010048	-1.2924/9	1	-2.795898	2.38/198	1.40/300
	6	-0.952870	0.907625	1.465144	1	-4.645231	-0.086850	-0.103322
	1	-0.433/13	0.592447	2.370751	I	-3.920346	-0.382158	1.412548
	1	-0.432095	1.783209	1.088060	1	-2.926870	-2.339170	0.586423
	1	-1.955461	1.201854	1.757798	1	-3.718046	-2.044368	-0.939441
	6	0.552653	-0.656962	0.236132	1	-1.287854	-2.170809	-1.346865
	1	0.600380	-1.488687	-0.462155	1	-1.052326	0.167643	-2.384692
	1	0.905142	-1.055183	1.192340	1	-2.808176	0.161242	-2.194425
	6	1 509576	0 441842	-0.221566	1	-1 795401	-0.958222	1 989538
	1	1.065503	0.985556	-1.061311	1	-0.25/201	1 753780	1.761851
	1	1.656052	1 170560	-1.001311	1	0.204291	-1./55/69	2 152259
	I C	1.030933	1.170309	0.3/0/1/	1	-0.300002	-0.044024	2.132338
	6	2.818512	-0.134/12	-0.660432	l	1.044344	-1.503225	-0.319102
	1	2.767369	-0.756956	-1.547687	1	0.685499	-0.275442	-1.487773
	6	4.015411	0.029168	-0.093794	1	1.164107	1.470795	0.339928
	6	5.229424	-0.621393	-0.680323	1	1.770664	0.159847	1.317618
	1	4.993528	-1.204145	-1.566448	1	2.858219	1.022463	-1.422702
	1	5.704112	-1.280241	0.046948	1	5.083217	0.834737	-1.833005
	1	5 971752	0 128829	-0.953529	1	5 809981	-0 589527	-1 086843
	6	1 285128	0.848430	1 128676	1	6.072478	0.989156	-0.381550
	1	4.265126	0.046450	1.120070	1	4 202106	1 415102	1 165200
	1	4.703911	0.230333	1.091009	1	4.090190	-1.413103	1.103090
	1	4.980901	1.654500	0.895386	1	5.102017	0.165576	1.880/33
	1	3.396888	1.292282	1.567144	I	3.525512	-0.612890	1.918337
b'					TS(b-c)			
	6	1.984834	0.774251	1.292253	6	-1.049089	-0.069195	0.606335
	6	1.496370	0.738464	-0.321794	6	-1.878594	0.579406	-0.759662
	6	2.885940	0.707931	-0.525550	6	-3.282779	0.772087	-0.096053
	6	3 641709	-0 554125	-0 294752	6	-3 435701	-0 281852	1 004176
	6	3 018730	-1 382562	0.849986	6	-2 168516	-1 107250	0.853214
	6	1 716087	-0.724702	1 258160	6	-2 208464	-1 787065	-0.516959
	6	2 (07919	1 010605	0.002855	0	1 016057	-1.787005	1 204420
	0	3.00/818	1.910003	-0.992833	0	-1.81003/	-0.074900	-1.394439
	6	0./4/8/5	-0.548433	0.055822	I	-1.398443	-0.829434	-2.385/14
	6	-0.664871	-0.223348	0.549916	6	-1.360495	1.804994	-1.461512
	6	-1.654368	0.230791	-0.521858	1	-0.461533	1.614993	-2.038552
	6	-2.923922	0.738080	0.084850	1	-2.122167	2.193610	-2.135254
	6	-4.149400	0.222584	-0.028346	1	-1.142873	2.588887	-0.740620
	6	-5.315190	0.874104	0.648743	1	-4.046752	0.701245	-0.866356
	6	0.701549	-1.635145	-1.002268	1	-3.315227	1.790826	0.280471
	6	-4 500071	-1 001882	-0.813775	1	-3 494301	0 173455	1 988758
	1	0.071024	1.001002	0.013773	1	1 330680	-0.885/05	0.870018
	1	0.2/12/4	1 6 / / /111	-11 66/1/1111			= (1 (0) (1 + 2))	11012210
	1	2 00/579	1.022/01	-0.664401	- 1	-4.330089	1 700501	1 674021
	1	2.994578	2.805584	-0.664401	1	-1.972636	-1.790501	1.674931
	1	2.994578 4.530420	2.805584 2.071535	-0.664401 -0.981005 -0.441008	1	-1.972636 -1.519169	-1.790501 -2.622289	1.674931 -0.635846
	1 1 1	2.994578 4.530420 3.896235	2.805584 2.071535 1.713733	-0.864401 -0.981005 -0.441008 -2.028756	1 1 1	-1.972636 -1.519169 -3.185883	-1.790501 -2.622289 -2.182559	1.674931 -0.635846 -0.817645
	1 1 1 1	2.994578 4.530420 3.896235 4.693091	1.622701 2.805584 2.071535 1.713733 -0.336229	-0.664401 -0.981005 -0.441008 -2.028756 -0.126870	1 1 1 6	-1.972636 -1.519169 -3.185883 -0.920712	-1.790501 -2.622289 -2.182559 1.058821	1.674931 -0.635846 -0.817645 1.610257
	1 1 1 1	2.994578 4.530420 3.896235 4.693091 3.592339	1.622701 2.805584 2.071535 1.713733 -0.336229 -1.096300	-0.664401 -0.981005 -0.441008 -2.028756 -0.126870 -1.242174	1 1 1 6 1	-1.972636 -1.519169 -3.185883 -0.920712 -0.707553	-1.790501 -2.622289 -2.182559 1.058821 0.603946	1.674931 -0.635846 -0.817645 1.610257 2.578656
	1 1 1 1 1 1	2.994578 4.530420 3.896235 4.693091 3.592339 2.867246	1.622701 2.805584 2.071535 1.713733 -0.336229 -1.096300 -2.416012	-0.664401 -0.981005 -0.441008 -2.028756 -0.126870 -1.242174 0.552854	1 1 6 1 1	-1.972636 -1.519169 -3.185883 -0.920712 -0.707553 -0.084117	-1.790501 -2.622289 -2.182559 1.058821 0.603946 1.707650	$\begin{array}{c} 1.674931\\ -0.635846\\ -0.817645\\ 1.610257\\ 2.578656\\ 1.368058\\ \end{array}$
	1 1 1 1 1 1 1	2.994578 4.530420 3.896235 4.693091 3.592339 2.867246 3.703237	1.622701 2.805584 2.071535 1.713733 -0.336229 -1.096300 -2.416012 -1.389435	-0.664401 -0.981005 -0.441008 -2.028756 -0.126870 -1.242174 0.552854 1.695983	1 1 6 1 1 1	-1.972636 -1.519169 -3.185883 -0.920712 -0.707553 -0.084117 -1.807278	-1.790501 -2.622289 -2.182559 1.058821 0.603946 1.707650 1.671347	1.674931 -0.635846 -0.817645 1.610257 2.578656 1.368058 1.723228
	1 1 1 1 1 1 1 1	2.994578 4.530420 3.896235 4.693091 3.592339 2.867246 3.703237 1.289636	1.622701 2.805584 2.071535 1.713733 -0.336229 -1.096300 -2.416012 -1.389435 -1.157815	-0.664401 -0.981005 -0.441008 -2.028756 -0.126870 -1.242174 0.552854 1.695983 2.159502	1 1 6 1 1 1 6	-1.972636 -1.519169 -3.185883 -0.920712 -0.707553 -0.084117 -1.807278 0.330289	-1.790501 -2.622289 -2.182559 1.058821 0.603946 1.707650 1.671347 -0.705417	1.674931 -0.635846 -0.817645 1.610257 2.578656 1.368058 1.723228 0.401338
	1 1 1 1 1 1 1 1 1	2.994578 4.530420 3.896235 4.693091 3.592339 2.867246 3.703237 1.289636 1 229094	1.622701 2.805584 2.071535 1.713733 -0.336229 -1.096300 -2.416012 -1.389435 -1.157815 1 424517	-0.664401 -0.981005 -0.441008 -2.028756 -0.126870 -1.242174 0.552854 1.695983 2.159502 1.720158	1 1 6 1 1 1 6 1	-1.972636 -1.972636 -1.519169 -3.185883 -0.920712 -0.707553 -0.084117 -1.807278 0.330289 0.248030	-1.790501 -2.622289 -2.182559 1.058821 0.603946 1.707650 1.671347 -0.705417 -1.723287	1.674931 -0.635846 -0.817645 1.610257 2.578656 1.368058 1.723228 0.401338 0.022697
	1 1 1 1 1 1 1 1 1 1	2.994578 4.530420 3.896235 4.693091 3.592339 2.867246 3.703237 1.289636 1.229094 2.961441	1.622701 2.805584 2.071535 1.713733 -0.336229 -1.096300 -2.416012 -1.389435 -1.157815 1.424517 1.127712	-0.664401 -0.981005 -0.441008 -2.028756 -0.126870 -1.242174 0.552854 1.695983 2.159502 1.720158 1.620637	1 1 6 1 1 1 6 1	-1.972636 -1.972636 -1.519169 -3.185883 -0.920712 -0.707553 -0.084117 -1.807278 0.330289 0.248030 0.755652	-1.790501 -2.622289 -2.182559 1.058821 0.603946 1.707650 1.671347 -0.705417 -1.723287	1.674931 -0.635846 -0.817645 1.610257 2.578656 1.368058 1.723228 0.401338 0.022697 1.400106
	1 1 1 1 1 1 1 1 1 1 1	2.994578 4.530420 3.896235 4.693091 3.592339 2.867246 3.703237 1.289636 1.229094 2.961441 1.681262	1.622701 2.805584 2.071535 1.713733 -0.336229 -1.096300 -2.416012 -1.389435 -1.157815 1.424517 1.127712 1.976200	-0.664401 -0.981005 -0.441008 -2.028756 -0.126870 -1.242174 0.552854 1.695983 2.159502 1.720158 1.620637 1.320302	1 1 6 1 1 1 6 1 1 6	-1.972636 -1.972636 -1.519169 -3.185883 -0.920712 -0.707553 -0.084117 -1.807278 0.330289 0.248030 0.755653 1.334088	-1.790501 -2.622289 -2.182559 1.058821 0.603946 1.707650 1.671347 -0.705417 -1.723287 -0.808866 0.044332	1.674931 -0.635846 -0.817645 1.610257 2.578656 1.368058 1.723228 0.401338 0.022697 1.400106 0.473876
	1 1 1 1 1 1 1 1 1 1 1	2.994578 4.530420 3.896235 4.693091 3.592339 2.867246 3.703237 1.289636 1.229094 2.961441 1.681363 0.162470	1.622701 2.805584 2.071535 1.713733 -0.336229 -1.096300 -2.416012 -1.389435 -1.157815 1.424517 1.127712 -1.976809 2.400(12)	-0.664401 -0.981005 -0.441008 -2.028756 -0.126870 -1.242174 0.552854 1.695983 2.159502 1.720158 1.620637 -1.320302 0.610274	1 1 6 1 1 1 6 1 1 6	-1.972636 -1.972636 -1.519169 -3.185883 -0.920712 -0.707553 -0.084117 -1.807278 0.330289 0.248030 0.755653 1.334088	-1.790501 -2.622289 -2.182559 1.058821 0.603946 1.707650 1.671347 -0.705417 -1.723287 -0.808866 0.044333 0.021(20)	1.674931 -0.635846 -0.817645 1.610257 2.578656 1.368058 1.723228 0.401338 0.022697 1.400106 -0.473876
	1 1 1 1 1 1 1 1 1 1 1	2.994578 4.530420 3.896235 4.693091 3.592339 2.867246 3.703237 1.289636 1.229094 2.961441 1.681363 0.162479	1.622701 2.805584 2.071535 1.713733 -0.336229 -1.096300 -2.416012 -1.389435 -1.157815 1.424517 1.127712 -1.976809 -2.499612	-0.664401 -0.981005 -0.441008 -2.028756 -0.126870 -1.242174 0.552854 1.695983 2.159502 1.720158 1.620637 -1.320302 -0.619274	1 1 6 1 1 1 6 1 1 6 1	-1.972636 -1.972636 -1.519169 -3.185883 -0.920712 -0.707553 -0.084117 -1.807278 0.330289 0.248030 0.755653 1.334088 0.978002	-1.790501 -2.622289 -2.182559 1.058821 0.603946 1.707650 1.671347 -0.705417 -1.723287 -0.808866 0.044333 0.031629	1.674931 -0.635846 -0.817645 1.610257 2.578656 1.368058 1.723228 0.401338 0.022697 1.400106 -0.473876 -1.509724
	1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.994578 4.530420 3.896235 4.693091 3.592339 2.867246 3.703237 1.289636 1.229094 2.961441 1.681363 0.162479 0.176497	1.622701 2.805584 2.071535 1.713733 -0.336229 -1.096300 -2.416012 -1.389435 -1.157815 1.424517 1.127712 -1.976809 -2.499612 -1.286595	-0.664401 -0.981005 -0.441008 -2.028756 -0.126870 -1.242174 0.552854 1.695983 2.159502 1.720158 1.620637 -1.320302 -0.619274 -1.888021	1 1 6 1 1 1 6 1 1 6 1 1	-1.972636 -1.972636 -1.519169 -3.185883 -0.920712 -0.707553 -0.084117 -1.807278 0.330289 0.248030 0.755653 1.334088 0.978002 1.395228	-1.790501 -2.622289 -2.182559 1.058821 0.603946 1.707650 1.671347 -0.705417 -1.723287 -0.808866 0.044333 0.031629 1.090541	1.674931 -0.635846 -0.817645 1.610257 2.578656 1.368058 1.723228 0.401338 0.022697 1.400106 -0.473876 -1.509724 -0.184229

	1	0 (07075 0 505000 1 00000	1	2 (00571	1 (2400)	0 7 (7) 5 4
	1	-0.62/9/5 0.535939 1.333399	1	2.6995/1	-1.634986	-0./6/354
	1	-1.208997 1.030818 -1.122302	6	3.833935	-0.070854	-0.022697
	1	-1.858106 -0.584094 -1.211146	6	5.093624	-0.879324	-0.045822
	1	-2 815785 1 634649 0 686704	1	4 925678	-1 887977	-0.413004
	1	5 021021 1 750660 1 205007	1	5 526022	0.046067	0.052261
	1	-5.021851 1.759009 1.205887	1	5.040666	-0.940007	0.932201
	1	-5./99451 0.181110 1.33/103	1	5.842666	-0.405501	-0.68048/
	1	-6.069385 1.165997 -0.082480	6	4.010512	1.329981	0.471738
	1	-4.993195 -1.731809 -0.171727	1	4.439189	1.323631	1.473883
	1	-5 211340 -0 752701 -1 601483	1	4 716668	1 865373	-0 162957
	1		1	3 091224	1 906019	0 504239
	1	5.04/135 1.40/175 1.2/7400	1	5.071224	1.900019	0.504257
c			TS(c-d)			
	6	-1.008081 -0.431601 0.265649	6	-0.906361	-0.273318	-0.028550
	6	-1.678057 0.882620 0.364690	6	-1.621582	0.897377	-0.326888
	6	-3.717754 0.140425 0.023754	6	-3.761622	-0.025023	0.732586
	6	-3 287735 -1 301539 -0 258920	6	-2 985387	-1 316598	1 071109
	6	1 881020 1 106560 0 828558	6	1 0/8186	1 402504	0.058360
	6		0	-1.940100	-1.402394	-0.038309
	6	-2.13/033 0.041255 -1.800903	6	-2./811/2	-0.884276	-1.242129
	6	-2.596956 1.025631 -0.731985	6	-3.072309	0.458842	-0.551856
	1	-2.944334 2.019882 -0.985158	1	-3.636721	1.199988	-1.109243
	6	-1.493713 1.881584 1.415644	6	-1.166297	2.207347	-0.876313
	1	-0.617218 2.466077 1.111425	1	-1 302607	2 169459	-1 956783
	1	-2 325242 -2 577772 -1 471821	1	1.302007	3 013004	-0.500974
	1	-2.525242 2.577772 1.471021	1	-1./92/90	2 42 401 4	-0.300974
	1	-1.2/0/25 1.45226/ 2.58/012	1	-0.128015	2.434014	-0.0/1314
	1	-4.652299 0.440134 -0.445792	1	-4.803554	-0.237514	0.509132
	1	-3.823712 0.363767 1.084934	1	-3.766585	0.710362	1.533356
	1	-3.326305 -1.931027 0.623722	1	-2.555926	-1.326569	2.069794
	1	-3.929228 -1.757219 -1.008682	1	-3.630465	-2.189258	1.012194
	1	-1 423940 -2 000254 -1 241737	1	-1 484125	-2 378474	-0 159607
	1	1 267190 0 299465 2 249904	1	2 212022	0.784015	2 166122
	1	-1.20/109 0.300403 -2.540094	1	-2.213082	-0.764913	-2.100122
	I	-2.926688 -0.1/8560 -2.514156	l	-3.6/2960	-1.4/4/23	-1.438/96
	6	-0.877333 -1.210286 1.565293	6	-1.051292	0.829947	1.372680
	1	-0.398320 -2.166187 1.365753	1	-1.077608	-0.017333	2.049207
	1	-0.271290 -0.685935 2.297069	1	-0.121554	1.374203	1.431190
	1	-1.843525 -1.412149 2.019099	1	-1.892242	1.455065	1.658466
	6	0.413742 -0.097995 -0.337596	6	0 537090	-0 654481	-0 189029
	1	0.242777 0.700550 1.076005	1	0.519042	1 296900	1 000229
	1	0.342777 0.700330 -1.070003	1	0.316942	-1.380809	-1.000338
	I	0.705705 -0.988511 -0.895085	I	0.8354/3	-1.220995	0.090881
	6	1.521211 0.255383 0.650205	6	1.596051	0.395602	-0.510694
	1	1.207293 1.067135 1.311232	1	1.316871	0.924048	-1.423267
	1	1.735669 -0.593760 1.291995	1	1.666717	1.138420	0.281048
	6	2.748152 0.683561 -0.092264	6	2.923621	-0.262022	-0.726171
	1	2 656088 1 623080 -0 626934	1	2 974877	-0 902296	-1 599923
	6	3 918766 0 046299 -0 168293	6	4 025775	-0.142815	0.016450
	6	5.050050 - 0.628608 - 0.056700	6	5 277629	0.870021	0.262244
	0	5.050059 0.028008 -0.950700	0	5.277058	-0.8/0921	-0.302344
	I	4.781439 1.572622 -1.422604	1	5.14/610	-1.466894	-1.261268
	1	5.370428 -0.060766 -1.738048	1	5.599233	-1.530820	0.443450
	1	5.915542 0.798472 -0.316091	1	6.092381	-0.167573	-0.534957
	6	4.237256 -1.254196 0.498900	6	4.150826	0.697409	1.248071
	1	4 562546 -1 985522 -0 240934	1	4 473469	0.084579	2 089650
	1	5.068380 1.126027 1.102372	1	1.175109	1 458100	1 107662
	1	3.008389 - 1.120027 - 1.192372	1	4.910039	1.430199	1.107002
	1	3.40/121 -1.083389 1.030/89	1	3.2332/8	1.2019/4	1.535225
л			TC(1 1)			
a	(0.0(7400 0.011770 0.050700	15(a-c1)	1 002 417	0.040/05	0 501745
	0	-0.86/402 -0.311//8 0.052/32	6	1.003417	-0.240685	-0.521/47
	6	-1.623010 0.960172 0.194878	6	1.706232	-0.669453	0.616723
	6	-3.611199 -0.467858 0.657194	6	2.709970	1.482434	0.906538
	6	-2.608021 -1.624366 0.584712	6	1.945400	1.956515	-0.349668
	6	-1.682484 -1.253196 -0.675124	6	1.949662	0.697697	-1.252826
	6	-2 654146 -0 398319 -1 488291	ő	3 330190	0 137254	-0.931814
	0	2.021110 0.370317 1.400271	0	2.220170	0.1 <i>3 23</i> -r	0.221014

	6	-3.015778 0.533464 -0.334558	6	3.058575	0.012298	0.562760
	1	-3.655010 1.377169 -0.575655	1	3.822732	-0.438825	1.187499
	6	-0.950620 1.970809 -0.769252	6	1 529993	-1 955355	-0 647961
	1	-0.856296 1.612936 -1.789735	1	2 /38575	-2 /10075	-0.275075
	1	-0.050290 1.012950 $-1.7097551.560642$ 2.865022 0.781846	1	0.661249	2.419975	-0.275075
	1	-1.309043 2.803022 -0.781840	1	0.001246	-2.340200	-0.383337
	1	0.035272 2.247970 -0.406702	1	1.650/92	-1.8654/8	-1./22299
	1	-4.594144 -0.784854 0.318904	1	3.631084	2.039/82	1.053/64
	1	-3.727065 -0.074428 1.661673	1	2.129470	1.581139	1.820386
	1	-2.051339 -1.780556 1.507177	1	0.944785	2.317718	-0.125508
	1	-3.050456 -2.583206 0.323447	1	2.467517	2.762044	-0.858872
	1	-1.196305 -2.118083 -1.109997	1	1.698124	0.876673	-2.293336
	1	-2.185695 0.080392 -2.342684	1	3.580427	-0.793645	-1.431820
	1	-3 500396 -0 979976 -1 843951	1	4 120194	0.852385	-1 143780
	6	-1 599580 1 550587 1 601887	6	1 211323	-1 241836	1 900579
	1	1 803176 0 835106 2 364863	1	1 1/0120	0.420722	2 623446
	1	-1.893170 0.833100 2.304803	1	1.149130	-0.429722	2.023440
	1	-0.613439 1.929156 1.857600	1	0.2358/1	-1./04069	1.82/660
	I	-2.291862 2.388/16 1.644/80	I	1.924586	-1.963/18	2.290900
	6	0.462767 -0.590921 0.574888	6	-0.460951	-0.163464	-0.841917
	1	0.480114 -1.590061 1.011713	1	-0.596201	-0.558184	-1.850949
	1	0.771774 0.129560 1.325204	1	-0.666082	0.904085	-0.939028
	6	1.499782 -0.602065 -0.601309	6	-1.500905	-0.766776	0.097325
	1	1.191510 -1.356462 -1.324727	1	-1.324368	-1.837014	0.227753
	1	1 488889 0 357224 -1 109149	1	-1 422694	-0.309052	1 080141
	6	2 853478 -0 925391 -0.067184	6	-2 874484	-0 584294	-0.468704
	1	2.055476 - 0.725571 - 0.007104 2.067585 - 1.027557 - 0.202760	1	2 067706	1 1 2 9 7 2 7	1 220526
	I C	2.907383 -1.937334 0.303700	I C	-3.00//90	-1.138/32	-1.380330
	0	5.915975 -0.115194 -0.009739	0	-3.804032	0.100188	0.019263
	6	5.216044 -0.614596 0.532103	6	-5.18//84	0.223911	-0.6//1/4
	1	5.156641 -1.650628 0.852700	1	-5.205181	-0.387173	-1.575229
	1	5.535892 -0.009574 1.380580	1	-5.433088	1.248997	-0.955125
	1	5.999025 -0.534724 -0.221833	1	-5.983264	-0.119559	-0.015716
	6	3.939702 1.307809 -0.468250	6	-3.787050	0.991041	1.265258
	1	4.255320 1.957812 0.347569	1	-4.028918	2.030277	1.043018
	1	4 674943 1 431316 -1 263168	1	-4 528113	0 649387	1 987879
	1	2 986813 1 672781 -0 838650	1	-2 816050	0.970105	1 750344
	1	2.900013 1.072701 0.050050	1	2.010020	0.970102	1.,00011
c1			Te(a_a')			
CI	6	0 000550 0 462757 0 260710	15(a-a)	1 551209	1 042014	1 010440
	0	-0.990550 0.462757 -0.269719	6	-1.551298	-1.043014	-1.018440
	6	-1.650634 -0.633869 -1.146215	6	-1.539514	0.392873	-1.608966
	6	-1.824261 -1.8/2/96 -0.266254	6	-2.155/31	1.363/35	-0.650185
	6	-2.743864 -1.347002 0.836871	6	-3.045642	1.033779	0.285520
	6	-3.277509 0.072155 0.250760	6	-3.523697	-0.377499	0.466689
	6	-2.083871 0.717869 0.704229	6	-2.961022	-1.372137	-0.545819
	6	-3.097582 -0.156853 -1.244002	6	-3.651161	2.046249	1.202056
	6	-1.959736 1.480232 1.945352	6	-0.436865	-1.223759	-0.077684
	6	-0 852621 1 796244 -1 052507	6	-0 656300	-1 565237	1 321916
	6	0.350302 0.101675 0.383665	6	0.929036	-1 008597	-0 527390
	6	1 428811 0 240218 0 500641	6	1 510755	0.285484	0.161428
	6	2674702 = 0.756596 = 0.579041	6	2 840120	0.205404	0.101428
	0	2.0/4/03 -0.750580 0.1209/4	0	2.840139	0.013321	-0.445418
	6	3.8/4830 -0.1/4805 0.0/5010	6	4.043822	0.3/3/10	0.085/91
	6	4.214308 1.0368/4 -0./34/49	6	4.282480	-0.305191	1.395894
	6	5.022274 -0.734303 0.857190	6	5.284819	0.801260	-0.630265
	1	-0.892427 -2.269508 0.123283	1	-1.872839	2.401529	-0.770348
	1	-3.659775 -1.914396 0.987593	1	-3.234304	3.036230	1.041918
	1	-1.016919 1.306194 2.456102	1	-4.728965	2.103543	1.050385
	1	-2.803334 1.337381 2.612599	1	-3,496630	1.774853	2.246672
	1	-1 958898 2 533668 1 641766	- 1	-4 612227	-0 385994	0 396263
	1	-4 226781 0 371575 0 676756	1	_3 318288	-0 689890	1 493182
	1	-7.220701 0.571575 0.070750 0.227022 2526675 0.446924	1	2 020500	2 2 2 0 0 0 4	0.16102
	1	-0.557022 2.550075 -0.440024	1	-3.020398	-2.309904	1 120554
	1	-0.259341 $1.606/22$ $-1.94243/$	1	-3.584085	-1.300503	-1.438554
	1	-1.800040 2.219488 -1.374158	1	-1.269/10	-1./08146	-1.84/830

	1 2 2 4 9 9 4 0	0 7 4 7 2 0 0	1 025705	1	0 522727	0 702((0	1 002027
	-3.248840	0.747399	-1.825/95	l	-0.533/3/	0.703660	-1.882037
	-3.769652	-0.922499	-1.621860	1	-2.101302	0.354239	-2.543026
	1 0.723433	0.966835	0.931743	1	-1.482800	-2.260928	1.446097
	1 0.201606	-0.683981	1.126285	1	0.235726	-1.911340	1.831578
	1 1.060857	-1.200086	-1.177366	1	-0.990473	-0.630099	1.793914
	1 1.637079	0.442249	-1.315468	1	1.000334	-0.909217	-1.606309
	1 -1 139319	-0.802570	-2.087666	1	1 554501	-1 837419	-0 195422
	1 2 571691	-1 637498	0.745876	1	0.824775	1 109634	0.010224
	$1 \qquad 2.371071$ $1 \qquad 5.417220$	-1.057470	1 550077	1	1 520077	0.112611	1 221268
	1 5.41/550	0.008904	1.330077	1	1.389077	0.113011	1.231200
	1 5.841892	-1.008003	0.192505	1	2.796460	1.10/591	-1.40/1/1
	1 4./38441	-1.615369	1.426141	l	5.066124	1.289655	-1.5/5324
	4.629888	1.814039	-0.093286	1	5.928457	-0.056284	-0.826510
	1 4.985430	0.795546	-1.466531	1	5.861884	1.490713	-0.014293
	1 3.369984	1.460296	-1.269582	1	4.919461	-1.177952	1.253147
	1 -2.308612	-2.666519	-0.828845	1	4.819343	0.360441	2.071467
	1 -2.264274	-1.280847	1.813303	1	3.376886	-0.629881	1.899178
a'				Ts(a'-a1)			
	6 1 977347	-1 452825	-0 700914	6	-1 803758	-1 152258	-1 133173
	6 1 218469	-0.896451	0 557272	6	-1 324866	0.307211	-1 082277
	6 2 235632	-0.465845	1 610015	6	-2 544549	1 217913	-1 130623
	6 2.255052	0.105084	1.010013	6	2.544549	0.800665	0.006613
	3.439090	0.193984	0.004/82	0	-3.332973	0.809003	-0.090013
	0 <u>5.81405</u> /	0.207823	-0.229415	0	-3.594243	-0.393842	0.4/6/32
	6 2.976288	-0.469305	-1.2/5024	6	-2.624680	-1.480888	0.103/02
	6 0.295274	0.116819	0.049687	6	-0.352808	0.584849	-0.006888
	6 -0.988662	-0.304345	-0.474949	6	0.749892	-0.316372	0.254494
	6 -2.029830	-0.111576	0.709723	6	1.927986	0.149275	-0.713899
	6 -3.352380	-0.654737	0.294177	6	3.142854	-0.658185	-0.430847
	6 -4.419937	0.053238	-0.088829	6	4.272905	-0.230126	0.143261
	6 -5.699704	-0.639196	-0.432830	6	5.429775	-1.162217	0.311144
	6 5.052766	0.884952	-0.716789	6	-4.611311	-0.753700	1.509425
	6 0.602883	1 539884	0 136994	6	-0 401488	1 841256	0 737395
	6 -4 468244	1 543086	-0 197518	6	4 514770	1 156697	0 644508
	1 4 102718	0.674982	1 781442	1	-4 297576	1 547766	0.170672
	1 5 572628	1 400284	0.085/00	1	-5 242362	0.002060	1 766404
	1 5.372020 1 5.72062	0.161554	1 157052	1	5 252402	1.550050	1.152056
	1 3./38902	0.101334	-1.13/032	1	-3.232403	-1.339939	1.133030
	1 4.821100	1.612027	-1.495821	l	-4.133121	-1.112//1	2.421193
	1 3.629892	-1.011096	-1.9598/7	l	-3.175590	-2.406302	-0.06/0/5
	1 2.482846	0.284369	-1.897597	1	-1.974545	-1.692863	0.959303
	1 1.275790	-1.796269	-1.457757	1	-0.982990	-1.853038	-1.262763
	1 2.499085	-2.331482	-0.324702	1	-2.425378	-1.241938	-2.021838
	1 0.611610	-1.729943	0.916698	1	-0.695219	0.486342	-1.973567
	1 1.763886	0.183456	2.349565	1	-2.279007	2.266045	-1.007925
	1 2.528262	-1.358034	2.167121	1	-2.978150	1.151531	-2.129966
	1 1.662197	1.724821	-0.039290	1	-1.333336	1.813714	1.316640
	1 -0.035708	2.163146	-0.478475	1	0.439196	1.979158	1.406895
	1 0.457662	1 818172	1 189614	1	-0 514688	2 698361	0 073740
	1 -0.999051	-1 354087	-0 755478	1	0 534378	-1 354852	0.033716
	1 _1 325178	0 310730	-1 298280	1	1 117660	-0 207788	1 270318
	1 -1.5251/0 1 1665667	-0.650459	1.290209	1	1 5021/7	-0.014762	1.270310
	1 -1.003007	-0.030438	1.303422	1	1.37314/	1 212165	-1.737237
	1 -2.0804/9	0.942324	0.90041/	1	2.10/000	1.213103	-0.380901
	1 -5.436534	-1./34010	0.322444	1	5.088303	-1.694237	-0./41963
	1 -5.621161	-1./18222	-0.338575	1	5.214438	-2.15/380	-0.066322
	-6.000188	-0.402895	-1.453648	1	5.704912	-1.243940	1.362729
	-6.504364	-0.296452	0.217365	1	6.305715	-0.779398	-0.212107
	1 -4.766583	1.833457	-1.204643	1	4.787623	1.128535	1.699259
	1 -5.225978	1.943685	0.475574	1	5.360125	1.601382	0.119952
	1 -3.527728	2.036386	0.027757	1	3.666770	1.825494	0.535808

a 1				Ts(a1-b1)			
	6	1.649122 -0.840000	1.319887	6	-1.578586	0.875563	-1.090785
	6	1.333187 0.613235 ().969949	6	-2.970147	1.262751	-0.598920
	6	2.642581 1.390054 (0.842951	6	-3.192200	0.353358	0.576492
	6	3 581949 0 677823 -	0.085088	6	-2.792557	-0.931807	0 548426
	6	3 497425 -0 617010 -	0 391917	6	-2 224314	-1 537323	-0 700294
	6	2 443535 -1 506811	0.391917	6	-1 665249	-0.51/037	-1 707266
	6	0.271270 0.812231	0.204559	6	2 078121	1 8/18060	1 708810
	6	0.571795 0.012231 - 0.671795 0.151000	0.120320	0	-2.978131	-1.848909	0.104024
	0	-0.071783 -0.131909 -	0.400313	0	-0.078311	0.93/9/4	0.104024
	6	-1.825303 0.166194 0	0.000119	6	-0.66568/	2.119988	0.980684
	6	-2.990202 -0.714650	0.382903	6	0.432656	0.010088	0.265024
	6	-4.184094 -0.341153 -	0.0913/2	6	1.593902	0.496210	-0.6945/1
	6	-5.273533 -1.351058 -	0.260700	6	2.730324	-0.463297	-0.619452
	6	4.452491 -1.279471 -	1.329845	6	3.884849	-0.286136	0.030845
	6	0.352599 2.068687 -	0.877428	6	4.241799	0.922752	0.834320
	6	-4.564668 1.052827 -	0.472157	6	4.950074	-1.334380	-0.022924
	1	4.387972 1.268058 -	0.500515	1	-3.703292	0.733585	1.450925
	1	5.155707 -0.570672 -	1.757136	1	-3.435744	-1.347348	2.556189
	1	5.020864 -2.054594 -	0.815866	1	-3.611468	-2.690983	1.428975
	1	3.922031 -1.768612 -	2.147264	1	-2.024690	-2.271243	2.027593
	1	2.919286 -2.406770	0.595567	1	-3.019111	-2.116529	-1.173655
	1	1 787345 -1 862160 -	0 595612	1	-1 473074	-2 278753	-0 424913
	1	0.754399 -1.410058	1 562295	1	-0 702694	-0.846301	-2 091245
	1	2 247926 -0 820060	2 228510	1	-2 318369	-0.438358	-2 572909
	1	0.745420 1.060662	1 706962	1	1 178072	1 520024	1 822208
	1	0.743430 1.000002 2.482720 2.411800 (1./90805	1	-1.1/60/2	2 207045	-1.623396
	1	2.462720 2.411699 (1.007290	1	-3.030839	2.307043	-0.511591
	1	3.082041 1.481137	1.83/293	1	-3./10300	1.118401	-1.380043
	1	1.181810 1.984542 -	1.593366	1	-1.529/82	2.763862	0.899361
	I	-0.563029 2.212351 -	1.440451	1	-0.491831	1.838178	2.016275
	l	0.580828 2.936683 -	0.264063	l	0.214555	2.701200	0.679751
	1	-0.367573 -1.180431 -	0.245659	1	0.819792	0.010866	1.279094
	1	-1.096795 -0.018985 -	1.390202	1	0.179045	-1.001306	-0.032645
	1	-1.422173 -0.028876	1.647827	1	1.213707	0.545138	-1.713602
	1	-2.088825 1.218767	0.601894	1	1.894531	1.500087	-0.408531
	1	-2.836521 -1.762014	0.612602	1	2.586743	-1.390817	-1.160354
	1	-4.957893 -2.349168	0.028043	1	4.652629	-2.191924	-0.619288
	1	-5.608267 -1.381325 -	1.297634	1	5.197194	-1.681225	0.980520
	1	-6.141196 -1.078856	0.339884	1	5.866748	-0.924541	-0.446548
	1	-4.897517 1.077236 -	1.509608	1	4.500583	0.631177	1.851999
	1	-5 409577 1 386297	0 129860	1	5 126727	1 402584	0 416766
	1	-3 767690 1 780986 -	0 358687	1	3 453680	1 667110	0.890601
	•	2.101030 1.100300	0.550007	1	5.105000	1.007110	0.090001
h1				Ts(b1-c1)			
01	6	-1 873792 0 781295 -	1 172481	6	-2 167929	-1 591327	0 553727
	6	-3 100607 0 068312	0 100712	6	-1.76308/	-1.682766	-0.923685
	6	-5.190097 - 0.908312 - 2.600084 - 0.212805 - 0.00084 - 0.212805 - 0.00084 - 0.212805 - 0.00084	0.409/42	0	1 706970	-1.082700	-0.923083
	0	-2.009084 0.312893 0	0.02901/	0	-1./008/0	-0.223873	-1.559527
	6	-2.249182 -1.029205	0./083/8	6	-3.110/0/	0.355556	-1.250/1/
	6	-2.289106 -1.628192 -	0.645/8/	6	-3.194182	0.591836	0.200502
	6	-1.851085 -0.622995 -	1.740110	6	-2.206302	-0.085093	0.938688
	6	-1.831494 -1.836511	1.864427	6	-1.020923	0.498455	-0.177549
	6	-1.047618 0.848270	0.120348	6	-0.928459	2.014398	-0.287592
	6	-0.883481 2.228148	0.719010	6	-2.035383	0.237394	2.396736
	6	0.232965 0.046751 0	0.247469	6	0.321231	-0.046220	0.295772
	6	1.385280 0.663590 -	0.562160	6	1.395704	-0.028301	-0.808683
	6	2.535232 -0.287793 -	0.656496	6	2.643874	-0.689162	-0.318675
	6	3.737798 -0.171999 -	0.089233	6	3.800425	-0.104939	0.004534
	6	4.175173 0.968410 (0.774862	6	4.963547	-0.925549	0.466636
	6	4.784512 -1.220303 -	0.304667	6	4.068600	1.364885	-0.066632
	1	-2.772680 0.702464	1.826684	1	-0.798398	-2.166807	-1.041265
	1	-1.766627 -1.263992	2.783407	1	-3.141231	-2.031895	0.755311
					-		

1	-2.581258 -2.621537 1.998808	1	-1.079746	-0.131754	2.758947
1	-0.892086 -2.350967 1.667034	1	-2.812473	-0.246561	2.985424
1	-3 341503 -1 890493 -0 800202	1	-2.082901	1 306711	2 588231
1	-1 731790 -2 560313 -0 684774	1	-3 845627	1 345973	0.633435
1	-0.856540 -0.883167 -2.094613	1	-0.698095	2 452272	0.681080
1	-2 521112 -0 689546 -2 593099	1	-0.112461	2.452272	-0.957614
1	-2.521112 -0.089540 -2.595099	1	1 017770	2.271795	-0.937014
1	-1.010131 1.320449 $-1.9199472 442992 2 005795 0 229100$	1	-1.01///0	2.303900	-0.072089
1	-5.442885 2.005785 -0.228199	1	-3.203000	1.288029	-1./92940
1	-4.061324 0.470331 -0.830976	l	-3.923266	-0.306921	-1.583809
1	-1./96269 2.812248 0./431/8	l	0.6/5906	0.553766	1.132109
l	-0.4//833 2.1/1039 1.725985	l	0.238896	-1.066689	0.658/24
1	-0.167626 2.772535 0.104132	1	1.028593	-0.567516	-1.683389
1	0.531585 -0.009873 1.294419	1	1.596237	0.989431	-1.130969
1	0.107284 -0.977494 -0.097284	1	-1.242349	-0.064358	-2.327506
1	1.033480 0.900386 -1.569747	1	2.581906	-1.767179	-0.218503
1	1.695876 1.603105 -0.115246	1	5.286628	-0.612168	1.459648
1	2.353727 -1.166396 -1.266719	1	5.817251	-0.788266	-0.197239
1	4.429593 -2.028928 -0.937734	1	4.727935	-1.985542	0.502083
1	5.108395 -1.644641 0.645854	1	4.401779	1.733050	0.903729
1	5.669661 -0.787249 -0.770815	1	4.878539	1.566352	-0.767878
1	4 518182 0 597869 1 740839	1	3 209608	1 954861	-0 370784
1	5 024476 1 479102 0 320882	1	-2 477496	-2 251600	-1 513842
1	3 400886 1 707236 0 956320	1	-1 461930	-2 081308	1 218490
1	5.400000 1.707250 0.750520	1	-1.401/50	-2.001500	1.210470
TS(a-h)		h'			
6	1 658166 -0 300576 -1 559585	 6	2 299703	0.685275	-1 296234
6	2 349991 _1 397730 _0 785770	6	3 258741	-0.427082	-1 031023
6	2.547771 -1.577750 -0.785776	6	3 288822	1 120010	0 1023/2
6	3.0/44/8 - 1.212003 - 0.514930	6	2 2 5 0 7 2 9	-1.120019	1 226080
0	5.291557 0.150095 0.005555	0	2.330726	-0.793703	1.220969
0	2.91/333 1.209413 -0.103840	0	1.730320	0.003149	1.13/330
6	1.586938 0.9065/1 -0.6/8945	6	1.40/991	1.063437	-0.201532
6	3./12832 -2.340549 1.05451/	6	4.216168	-2.2658/0	0.32/894
6	0.378865 1.542827 -0.340555	6	0.2/1092	1.931618	-0.4//463
6	-0.951026 1.01419/ -0.8102/0	6	-0.89/188	0.968343	-0.935045
6	-1.458321 -0.095973 0.128515	6	-1.364271	-0.077365	0.067681
6	-2.735358 -0.678606 -0.382881	6	-2.533813	-0.828015	-0.483117
6	-3.949263 -0.586700 0.164818	6	-3.783679	-0.852509	-0.012147
6	-5.125203 -1.248481 -0.482548	6	-4.834839	-1.668805	-0.696163
6	0.305666 2.642050 0.676210	6	-0.160693	2.860248	0.647326
6	-4.270298 0.139094 1.432675	6	-4.264514	-0.116379	1.197728
1	2.212055 -2.392896 -1.184130	1	3.933964	-0.669775	-1.838488
1	3.472185 -3.301210 0.609875	1	4.814289	-2.477578	-0.552924
1	4.796868 -2.229881 1.064122	1	4.889487	-2.059910	1.159513
1	3.386368 -2.355018 2.094324	1	3.658705	-3.166163	0.586576
1	4 338787 0 287479 1 154533	1	2 869015	-0 879222	2 180521
1	2 726545 0 267785 1 811622	1	1 550430	-1 537879	1 262384
1	2 934724 2 237446 0 380414	1	0.951055	0 774750	1 851604
1	3 649897 1 279928 -0 911211	1	2 539250	1 338265	1 394349
1	1 0/0078 1 0511/8 -1 3/5022	1	0.500271	2 511577	-1 373165
1	1.049976 1.931146 $-1.9439220.679106 0.641256 1.975421$	1	1 711046	0.529720	2 207211
1	0.078100 - 0.041550 - 1.875421 2.227110 - 0.064586 - 2.462210	1	2 924942	1.626524	1 512800
1	2.22/119 - 0.004300 - 2.402310 1 257717 2 001500 0 027055	1	2.034043	1.020324	-1.312800
1	1.25//1/ 5.091509 0.92/055	1	0.054015	3.300104	0.900/82
1	-0.377449 3.418364 0.344551	1	-0.960681	3.498946	0.282/84
1	-0.112486 2.21204/ 1.585618	l	-0.539010	2.330778	1.516538
l	-0.894696 0.631993 -1.826209	l	-0.611660	0.486720	-1.868954
1	-1.670534 1.829094 -0.822637	1	-1.717401	1.645375	-1.171552
1	-0.698735 -0.878400 0.196035	1	-0.555977	-0.786788	0.270801
1	-1.583618 0.302182 1.132627	1	-1.617086	0.389329	1.016606
1	-2.643069 -1.239896 -1.306275	1	-2.322093	-1.413429	-1.371018
1	-4.850974 -1.768947 -1.395785	1	-4.446653	-2.190283	-1.566496

1	-5.894775 -0.514953 -0.723310	1	-5.664572 -1.038341 -1.016023
1	-5.581291 -1.968524 0.196911	1	-5.250595 -2.408479 -0.011784
1	-5.043870 0.885238 1.252055	1	-5.095223 0.537571 0.932741
1	-4.675825 -0.554465 2.169221	1	-4.649050 -0.819996 1.936062
1	-3.419860 0.641823 1.882490	1	-3.503813 0.489540 1.679734
TS(a_i)		i	
6	-1.423494 0.137443 1.282091	6	1.433924 -0.915756 -0.559500
6	-1.590886 -1.106418 0.476045	6	2.604194 -1.513968 0.088944
6	-2.790170 -1.287856 -0.333990	6	3.818937 -0.901537 0.263442
6	-3.771927 -0.373585 -0.382852	6	3.981834 0.431450 -0.101582
6	-3.678671 0.943436 0.319455	6	2.872654 1.186279 -0.716430
6	-2.645151 1.018026 1.438758	6	1.803851 0.324567 -1.368430
6	-5.010710 -0.611850 -1.172413	6	5.248075 1.132259 0.153808
6	-0.409486 0.289612 0.184968	6	0.290440 -0.765117 0.500461
6	-0.700014 1.217040 -0.961746	6	0.549958 0.348305 1.504637
6	1.027982 0.056792 0.596406	6	-1.051224 -0.606909 -0.214022
6	1.992079 -0.339133 -0.517691	6	-2.257351 -0.626169 0.723788
6	3.321694 -0.740091 0.037493	6	-3.539650 -0.683276 -0.042588
6	4.493774 -0.123991 -0.128816	6	-4.502849 0.238482 -0.103318
6	4.706000 1.124796 -0.924637	6	-4.483496 1.551980 0.613697
6	5.737371 -0.678712 0.492533	6	-5.734330 0.001437 -0.921635
1	-2.871511 -2.211800 -0.886801	1	4.627118 -1.425375 0.751304
1	-4.967300 -1.536164 -1.739458	1	5.867164 0.640586 0.896539
1	-5.871800 -0.654696 -0.505473	1	5.801795 1.143390 -0.791899
1	-5.191043 0.213583 -1.860700	1	5.083599 2.175173 0.416933
1	-4.659647 1.194489 0.721727	1	3.280277 1.912637 -1.420564
1	-3.491323 1.705451 -0.440132	1	2.470062 1.796598 0.101511
1	-2.336119 2.048970 1.599787	1	0.921913 0.926159 -1.568448
1	-3.118720 0.701440 2.366222	1	2.177018 -0.000238 -2.339095
1	-1.089858 -1.989736 0.858688	1	2.479124 -2.512065 0.493642
1	-0.726093 2.235560 -0.577283	1	0.426216 1.330230 1.048868
1	0.068689 1.152614 -1.723542	1	-0.160681 0.287258 2.323958
1	-1.658469 1.003876 -1.424940	1	1.543196 0.290108 1.949127
1	1.052088 -0.690917 1.390348	1	-1.163085 -1.414944 -0.939700
1	1.354912 0.990021 1.061574	1	-1.069033 0.323911 -0.783809
1	1.569764 -1.183361 -1.073845	1	-2.188218 -1.506005 1.369983
1	2.101236 0.474483 -1.229648	1	-2.238101 0.240467 1.379811
1	3.311357 -1.643453 0.637778	1	-3.687457 -1.594686 -0.612373
1	5.542768 -1.585003 1.059201	1	-5.711198 -0.962232 -1.423195
1	6.194821 0.051937 1.159656	1	-5.853178 0.778296 -1.677640
1	6.477708 -0.908798 -0.273877	1	-6.625747 0.037030 -0.294654
1	5.170865 1.890509 -0.303801	1	-4.604970 2.370735 -0.096000
1	5.395219 0.933377 -1.747133	1	-5.323222 1.615987 1.306192
1	3.795893 1.542142 -1.343857	1	-3.573286 1.729690 1.177700
1	-0.942036 -0.040793 2.236039	1	1.059149 -1.683379 -1.243694
1	-0.661750 -0.846779 -0.394161	1	0.251742 -1.711497 1.047863
TS(h'-a2 _{exo})		a2 _{exo}	
6	-1.354877 0.516967 -0.063601	6	1.437342 0.447046 -0.399870
6	-2.508205 1.346304 -0.547373	6	2.628648 1.383202 -0.524197
6	-3.830220 0.649037 -0.431788	6	3.909069 0.607568 -0.524688
6	-3.998390 -0.612974 -0.047196	6	4.035220 -0.638026 -0.072118
6	-2.821926 -1.491498 0.257835	6	2.876306 -1.380896 0.523337
6	-1.518561 -0.949612 -0.314296	6	1.6/239/ -0.506074 0.831529
6	-5.346196 -1.234580 0.106912	6	5.324/66 -1.388419 -0.130935
6	-0.17/840 1.075635 0.465664	6	0.129/88 1.023187 -0.145471
6	0.039218 2.551572 0.570439	6	0.001952 2.315992 0.526889
6	1.018216 0.231921 0.809752	6	-1.073103 0.289718 -0.530224
6	1.883967 -0.019396 -0.440247	6	-2.065416 -0.004658 0.635979
6	3.060334 -0.876560 -0.104842	6	-3.16/564 -0.889748 0.157029

6	4.350407 -0.534542 -0.131982	6	-4.436018	-0.541071	-0.075186
6	4.879429 0.812477 -0.510056	6	-4.993847	0.835829	0.093944
6	5.406280 -1.534816 0.220519	6	-5.430199	-1.562492	-0.528746
1	-4.691582 1.259487 -0.663740	1	4.772273	1.111526	-0.936937
1	-6 142685 -0 521299 -0 082002	1	6 103286	-0.809341	-0.618517
1	-5 465819 -2 071887 -0 580333	1	5 669134	-1 648616	0.869895
1	5 475665 1 620700 1 114192	1	5 204870	2 2 2 2 0 0 0	0.607073
1	-5.475005 -1.050700 1.114102	1	2 1 2 2 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-2.323888	-0.077902
1	-2.990031 -2.483210 -0.133308	1	5.100//5	-1.8510/1	1.43//38
1	-2./35802 -1.635256 1.338094	1	2.589152	-2.201109	-0.138639
1	-0.666211 -1.530855 0.018228	1	0.803911	-1.12/694	1.038213
1	-1.552571 -1.030388 -1.404069	l	1.863885	0.112821	1.706875
1	-2.556246 2.301705 -0.031328	1	2.545316	1.950109	-1.452674
1	-2.287000 1.589243 -1.592885	1	2.636036	2.115733	0.285669
1	-0.819888 3.159271 0.320184	1	0.594289	2.328505	1.444131
1	0.396226 2.815456 1.562379	1	0.470466	3.069239	-0.114483
1	0.838798 2.798412 -0.127838	1	-1.020523	2.601941	0.737495
1	0.728118 -0.721131 1.244734	1	-0.823696	-0.627454	-1.057491
1	1.613157 0.751280 1.556863	1	-1.604925	0.944258	-1.231861
1	1.275399 -0.514728 -1.200078	1	-1.520871	-0.505166	1.436303
1	2 199670 0 930134 -0 865908	1	-2 446735	0 926181	1 043952
1	2 816439 -1 892720 0 184891	1	-2 888375	-1 924134	-0.004286
1	4 984119 -2 499147 0 488681	1	-4 985666	-2 547538	-0.637367
1	6009692 -1179771 1055975	1	-5.867052	-1 27/59/	-1.484078
1	6.007062 1.602027 0.617174	1	6 252282	1 625 402	-1.404970
1	0.08/903 - 1.08203/ - 0.01/1/4	1	-0.233382	-1.055492	0.101019
1	5.481442 1.219805 0.302080	1	-5.445408	1.1/3084	-0.838384
1	5.541221 0.726197 -1.371695	1	-5./904/1	0.828945	0.83/626
1	4.111123 1.539485 -0.753971	1	-4.261816	1.5//456	0.398/89
1	-1.189081 0.725047 1.221806	1	1.3/1532	-0.211249	-1.268436
a2		TS(a2-b2)			
a2 6	1.565433 1.040980 0.916225	TS(a2-b2) 6	1.493106	-1.300265	0.402541
a2 6 6	1.5654331.0409800.9162251.616163-0.2992331.633793	TS(a2-b2) 6 6	1.493106 1.806594	-1.300265 -1.457686	0.402541 -1.081938
a2 6 6 6	1.5654331.0409800.9162251.616163-0.2992331.6337932.204788-1.3863840.786636	TS(a2-b2) 6 6 6	1.493106 1.806594 2.235625	-1.300265 -1.457686 -0.071533	0.402541 -1.081938 -1.474841
a2 6 6 6 6	1.5654331.0409800.9162251.616163-0.2992331.6337932.204788-1.3863840.7866362.917349-1.185818-0.321555	TS(a2-b2) 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164	-1.300265 -1.457686 -0.071533 0.655881	0.402541 -1.081938 -1.474841 -0.672763
a2 6 6 6 6 6 6	1.5654331.0409800.9162251.616163-0.2992331.6337932.204788-1.3863840.7866362.917349-1.185818-0.3215553.2244830.198080-0.817793	TS(a2-b2) 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958	-1.300265 -1.457686 -0.071533 0.655881 0.056389	0.402541 -1.081938 -1.474841 -0.672763 0.572372
a2 6 6 6 6 6 6 6 6	1.5654331.0409800.9162251.616163-0.2992331.6337932.204788-1.3863840.7866362.917349-1.185818-0.3215553.2244830.198080-0.8177932.9295151.2809850.203508	TS(a2-b2) 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268
a2 6 6 6 6 6 6 6	1.5654331.0409800.9162251.616163-0.2992331.6337932.204788-1.3863840.7866362.917349-1.185818-0.3215553.2244830.198080-0.8177932.9295151.2809850.2035083.469951-2.309787-1.134680	TS(a2-b2) 6 6 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1.5654331.0409800.9162251.616163-0.2992331.6337932.204788-1.3863840.7866362.917349-1.185818-0.3215553.2244830.198080-0.8177932.9295151.2809850.2035083.469951-2.309787-1.1346800.4752791.240466-0.048208	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402 0.592523	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1.5654331.0409800.9162251.616163-0.2992331.6337932.204788-1.3863840.7866362.917349-1.185818-0.3215553.2244830.198080-0.8177932.9295151.2809850.2035083.469951-2.309787-1.1346800.4752791.240466-0.048208-0.5150810.233982-0.340400	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402 0.592523 -0.627414	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1.5654331.0409800.9162251.616163-0.2992331.6337932.204788-1.3863840.7866362.917349-1.185818-0.3215553.2244830.198080-0.8177932.9295151.2809850.2035083.469951-2.309787-1.1346800.4752791.240466-0.048208-0.5150810.233982-0.340400-1.7050700.5054220.693170	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402 0.592523 -0.627414 -1.793911	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112
a2 6 6 6 6 6 6 6 6 6 6 6	1.5654331.0409800.9162251.616163-0.2992331.6337932.204788-1.3863840.7866362.917349-1.185818-0.3215553.2244830.198080-0.8177932.9295151.2809850.2035083.469951-2.309787-1.1346800.4752791.240466-0.048208-0.5150810.233982-0.340400-1.7050700.5054220.693170-2.713845-0.5793660.553372	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402 0.592523 -0.627414 -1.793911 -3.038686	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903
a2 6 6 6 6 6 6 6 6 6 6 6 6	1.5654331.0409800.9162251.616163-0.2992331.6337932.204788-1.3863840.7866362.917349-1.185818-0.3215553.2244830.198080-0.8177932.9295151.2809850.2035083.469951-2.309787-1.1346800.4752791.240466-0.048208-0.5150810.233982-0.340400-1.7050700.5054220.693170-2.713845-0.5793660.553372-3 897119-0.492836-0.063621	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402 0.592523 -0.627414 -1.793911 -3.038686 -4 105200	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0 110618	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903 -0.143545
a2 6 6 6 6 6 6 6 6 6 6 6 6 6	1.5654331.0409800.9162251.616163-0.2992331.6337932.204788-1.3863840.7866362.917349-1.185818-0.3215553.2244830.198080-0.8177932.9295151.2809850.2035083.469951-2.309787-1.1346800.4752791.240466-0.048208-0.5150810.233982-0.340400-1.7050700.5054220.693170-2.713845-0.5793660.553372-3.897119-0.492836-0.063621-4 4161060.721647-0.762746	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402 0.592523 -0.627414 -1.793911 -3.038686 -4.105200 -4 239445	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0.110618 1 203834	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903 -0.143545 0 867189
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402 0.592523 -0.627414 -1.793911 -3.038686 -4.105200 -4.239445 0.702981	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0.110618 1.203834 0.822546	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903 -0.143545 0.867189 1.627852
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402 0.592523 -0.627414 -1.793911 -3.038686 -4.105200 -4.239445 0.702981 5.296657	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0.110618 1.203834 0.822546 0.066422	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903 -0.143545 0.867189 1.627852 -1.030220
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402 0.592523 -0.627414 -1.793911 -3.038686 -4.105200 -4.239445 0.702981 -5.296657	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0.110618 1.203834 0.822546 -0.066422	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903 -0.143545 0.867189 1.627852 -1.030220 0.486202
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 1 1	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 1	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402 0.592523 -0.627414 -1.793911 -3.038686 -4.105200 -4.239445 0.702981 -5.296657 -0.896767	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0.110618 1.203834 0.822546 -0.066422 1.024208	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903 -0.143545 0.867189 1.627852 -1.030220 -0.486393 1.2486393
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 1 1 1 1	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402 0.592523 -0.627414 -1.793911 -3.038686 -4.105200 -4.239445 0.702981 -5.296657 -0.896767 -0.569049	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0.110618 1.203834 0.822546 -0.066422 1.024208 -0.542182 1.786705	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903 -0.143545 0.867189 1.627852 -1.030220 -0.486393 -1.248638 1.658070
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 1 1 1 1 1	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402 0.592523 -0.627414 -1.793911 -3.038686 -4.105200 -4.239445 0.702981 -5.296657 -0.896767 -0.569049 0.947698	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0.110618 1.203834 0.822546 -0.066422 1.024208 -0.542182 -1.786795	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903 -0.143545 0.867189 1.627852 -1.030220 -0.486393 -1.248638 -1.248638 -1.658079
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 1 1 1 1 1	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6	$\begin{array}{c} 1.493106\\ 1.806594\\ 2.235625\\ 3.038164\\ 3.618958\\ 2.805374\\ 3.466402\\ 0.592523\\ -0.627414\\ -1.793911\\ -3.038686\\ -4.105200\\ -4.239445\\ 0.702981\\ -5.296657\\ -0.896767\\ -0.569049\\ 0.947698\\ 2.587152\\ \end{array}$	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0.110618 1.203834 0.822546 -0.066422 1.024208 -0.542182 -1.786795 -2.201454	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903 -0.143545 0.867189 1.627852 -1.030220 -0.486393 -1.248638 -1.658079 -1.242127
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 1 1 1 1 1	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402 0.592523 -0.627414 -1.793911 -3.038686 -4.105200 -4.239445 0.702981 -5.296657 -0.896767 -0.569049 0.947698 2.587152 1.916330	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0.110618 1.203834 0.822546 -0.066422 1.024208 -0.542182 -1.786795 -2.201454 0.338025	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903 -0.143545 0.867189 1.627852 -1.030220 -0.486393 -1.248638 -1.658079 -1.242127 -2.423928
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 1 1 1 1	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402 0.592523 -0.627414 -1.793911 -3.038686 -4.105200 -4.239445 0.702981 -5.296657 -0.896767 -0.569049 0.947698 2.587152 1.916330 0.940897	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0.110618 1.203834 0.822546 -0.066422 1.024208 -0.542182 -1.786795 -2.201454 0.338025 -2.150919	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903 -0.143545 0.867189 1.627852 -1.030220 -0.486393 -1.248638 -1.658079 -1.242127 -2.423928 0.821009
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 1 1 1 1 1	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402 0.592523 -0.627414 -1.793911 -3.038686 -4.105200 -4.239445 0.702981 -5.296657 -0.896767 -0.569049 0.947698 2.587152 1.916330 0.940897 4.552262	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0.110618 1.203834 0.822546 -0.066422 1.024208 -0.542182 -1.786795 -2.201454 0.338025 -2.150919 2.091024	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903 -0.143545 0.867189 1.627852 -1.030220 -0.486393 -1.248638 -1.658079 -1.242127 -2.423928 0.821009 -1.099337
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 1 1 1 1 1	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402 0.592523 -0.627414 -1.793911 -3.038686 -4.105200 -4.239445 0.702981 -5.296657 -0.896767 -0.569049 0.947698 2.587152 1.916330 0.940897 4.552262 3.185139	$\begin{array}{c} -1.300265\\ -1.457686\\ -0.071533\\ 0.655881\\ 0.056389\\ -1.118062\\ 2.040912\\ -0.104159\\ -0.012732\\ -0.657431\\ -0.683133\\ 0.110618\\ 1.203834\\ 0.822546\\ -0.066422\\ 1.024208\\ -0.542182\\ -1.786795\\ -2.201454\\ 0.338025\\ -2.150919\\ 2.091024\\ 2.742491\end{array}$	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903 -0.143545 0.867189 1.627852 -1.030220 -0.486393 -1.248638 -1.658079 -1.242127 -2.423928 0.821009 -1.099337 -0.229820
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 1 1 1 1	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6	$\begin{array}{c} 1.493106\\ 1.806594\\ 2.235625\\ 3.038164\\ 3.618958\\ 2.805374\\ 3.466402\\ 0.592523\\ -0.627414\\ -1.793911\\ -3.038686\\ -4.105200\\ -4.239445\\ 0.702981\\ -5.296657\\ -0.896767\\ -0.569049\\ 0.947698\\ 2.587152\\ 1.916330\\ 0.940897\\ 4.552262\\ 3.185139\\ 3.037259\end{array}$	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0.110618 1.203834 0.822546 -0.066422 1.024208 -0.542182 -1.786795 -2.201454 0.338025 -2.150919 2.091024 2.742491 2.380811	0.402541 - 1.081938 - 1.474841 - 0.672763 0.572372 1.152268 - 1.016101 0.494221 - 0.305983 0.539112 - 0.279903 - 0.143545 0.867189 1.627852 - 1.030220 - 0.486393 - 1.248638 - 1.658079 - 1.242127 - 2.423928 0.821009 - 1.099337 - 0.229820 - 1.953742
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 1 1 1 1	1.565433 1.040980 0.916225 1.616163 -0.299233 1.633793 2.204788 -1.386384 0.786636 2.917349 -1.185818 -0.321555 3.224483 0.198080 -0.817793 2.929515 1.280985 0.203508 3.469951 -2.309787 -1.134680 0.475279 1.240466 -0.048208 -0.515081 0.233982 -0.340400 -1.705070 0.505422 0.693170 -2.713845 -0.579366 0.553372 -3.897119 -0.492836 -0.063621 -4.416106 0.721647 -0.762746 0.353133 2.544684 -0.707940 -4.826353 -1.664134 -0.075591 -0.941131 0.349082 -1.332241 -0.149226 -0.774846 -0.182790 0.628166 -0.593425 1.987446 2.211058 -0.168931 2.540197 2.038125 -2.399786 1.127521 1.458707 1.865508 1.632284 4.559272 -2.275070 -1.150555 3.138199 -2.242521 -2.171279 3.167617 -3.276714 -0.743320 -0.678434 2.780805 -0.956255	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6	$\begin{array}{c} 1.493106\\ 1.806594\\ 2.235625\\ 3.038164\\ 3.618958\\ 2.805374\\ 3.466402\\ 0.592523\\ -0.627414\\ -1.793911\\ -3.038686\\ -4.105200\\ -4.239445\\ 0.702981\\ -5.296657\\ -0.896767\\ -0.569049\\ 0.947698\\ 2.587152\\ 1.916330\\ 0.940897\\ 4.552262\\ 3.185139\\ 3.037259\\ 0.024130\\ \end{array}$	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0.110618 1.203834 0.822546 -0.066422 1.024208 -0.542182 -1.786795 -2.201454 0.338025 -2.150919 2.091024 2.742491 2.380811 1.664471	0.402541 - 1.081938 - 1.474841 - 0.672763 0.572372 1.152268 - 1.016101 0.494221 - 0.305983 0.539112 - 0.279903 - 0.143545 0.867189 1.627852 - 1.030220 - 0.486393 - 1.248638 - 1.658079 - 1.242127 - 2.423928 0.821009 - 1.099337 - 0.229820 - 1.953742 1.554626
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 1	1.565433 1.040980 0.916225 1.616163 -0.299233 1.633793 2.204788 -1.386384 0.786636 2.917349 -1.185818 -0.321555 3.224483 0.198080 -0.817793 2.929515 1.280985 0.203508 3.469951 -2.309787 -1.134680 0.475279 1.240466 -0.048208 -0.515081 0.233982 -0.340400 -1.705070 0.505422 0.693170 -2.713845 -0.579366 0.553372 -3.897119 -0.492836 -0.063621 -4.416106 0.721647 -0.762746 0.353133 2.544684 -0.707940 -4.826353 -1.664134 -0.075591 -0.941131 0.349082 -1.333241 -0.149226 -0.774846 -0.182790 0.628166 -0.593425 1.987446 2.211058 -0.168931 2.540197 2.038125 -2.399786 1.127521 1.458707 1.865508 1.632284 4.559272 -2.275070 -1.150555 3.138199 -2.242521 -2.171279 3.167617 -3.276714 -0.743320 -0.678434 2.780805 -0.956255 0.825772 3.358543 -0.167841	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6	$\begin{array}{c} 1.493106\\ 1.806594\\ 2.235625\\ 3.038164\\ 3.618958\\ 2.805374\\ 3.466402\\ 0.592523\\ -0.627414\\ -1.793911\\ -3.038686\\ -4.105200\\ -4.239445\\ 0.702981\\ -5.296657\\ -0.896767\\ -0.569049\\ 0.947698\\ 2.587152\\ 1.916330\\ 0.940897\\ 4.552262\\ 3.185139\\ 3.037259\\ 0.024130\\ 0.452990\end{array}$	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0.110618 1.203834 0.822546 -0.066422 1.024208 -0.542182 -1.786795 -2.201454 0.338025 -2.150919 2.091024 2.742491 2.380811 1.664471 0.243393	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903 -0.143545 0.867189 1.627852 -1.030220 -0.486393 -1.248638 -1.658079 -1.242127 -2.423928 0.821009 -1.099337 -0.229820 -1.953742 1.554626 2.525927
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 1	1.565433 1.040980 0.916225 1.616163 -0.299233 1.633793 2.204788 -1.386384 0.786636 2.917349 -1.185818 -0.321555 3.224483 0.198080 -0.817793 2.929515 1.280985 0.203508 3.469951 -2.309787 -1.134680 0.475279 1.240466 -0.048208 -0.515081 0.233982 -0.340400 -1.705070 0.505422 0.693170 -2.713845 -0.579366 0.553372 -3.897119 -0.492836 -0.063621 -4.416106 0.721647 -0.762746 0.353133 2.544684 -0.707940 -4.826353 -1.664134 -0.075591 -0.941131 0.349082 -1.333241 -0.149226 -0.774846 -0.182790 0.628166 -0.593425 1.987446 2.211058 -0.168931 2.540197 2.038125 -2.399786 1.127521 1.458707 1.865508 1.632284 4.559272 -2.275070 -1.150555 3.138199 -2.242521 -2.171279 3.167617 -3.276714 -0.743320 -0.678434 2.780805 -0.956255 0.825772 3.358543 -0.167841 3.674125 1.253767 0.996585	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6	1.493106 1.806594 2.235625 3.038164 3.618958 2.805374 3.466402 0.592523 -0.627414 -1.793911 -3.038686 -4.105200 -4.239445 0.702981 -5.296657 -0.896767 -0.569049 0.947698 2.587152 1.916330 0.940897 4.552262 3.185139 3.037259 0.024130 0.452990 3.360559	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0.110618 1.203834 0.822546 -0.066422 1.024208 -0.542182 -1.786795 -2.201454 0.338025 -2.150919 2.091024 2.742491 2.380811 1.664471 0.243393 -2.047883	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903 -0.143545 0.867189 1.627852 -1.030220 -0.486393 -1.248638 -1.658079 -1.242127 -2.423928 0.821009 -1.099337 -0.229820 -1.953742 1.554626 2.525927 1.060211
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1.565433 1.040980 0.916225 1.616163 -0.299233 1.633793 2.204788 -1.386384 0.786636 2.917349 -1.185818 -0.321555 3.224483 0.198080 -0.817793 2.929515 1.280985 0.203508 3.469951 -2.309787 -1.134680 0.475279 1.240466 -0.048208 0.515081 0.233982 -0.340400 -1.705070 0.505422 0.693170 -2.713845 -0.579366 0.553372 -3.897119 -0.492836 -0.063621 -4.416106 0.721647 -0.762746 0.353133 2.544684 -0.707940 -4.826353 -1.664134 -0.075591 -0.941131 0.349082 -1.333241 -0.149226 -0.774846 -0.182790 0.628166 -0.593425 1.987446 2.211058 -0.168931 2.540197 2.038125 -2.399786 1.127521 1.458707 1.865508 1.632284 4.559272 -2.275070 -1.150555 3.138199 -2.242521 -2.171279 3.167617 -3.276714 -0.743320 -0.678434 2.780805 -0.956255 0.825772 3.358543 -0.167841 3.674125 1.253767 0.996585 2.976991 2.271941 -0.241093	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6	$\begin{array}{c} 1.493106\\ 1.806594\\ 2.235625\\ 3.038164\\ 3.618958\\ 2.805374\\ 3.466402\\ 0.592523\\ -0.627414\\ -1.793911\\ -3.038686\\ -4.105200\\ -4.239445\\ 0.702981\\ -5.296657\\ -0.896767\\ -0.569049\\ 0.947698\\ 2.587152\\ 1.916330\\ 0.940897\\ 4.552262\\ 3.185139\\ 3.037259\\ 0.024130\\ 0.452990\\ 3.360559\\ 2.638654\end{array}$	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0.110618 1.203834 0.822546 -0.066422 1.024208 -0.542182 -1.786795 -2.201454 0.338025 -2.150919 2.091024 2.742491 2.380811 1.664471 0.243393 -2.047883 -0.975518	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903 -0.143545 0.867189 1.627852 -1.030220 -0.486393 -1.248638 -1.658079 -1.242127 -2.423928 0.821009 -1.099337 -0.229820 -1.953742 1.554626 2.525927 1.060211 2.218141
a2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	TS(a2-b2) 6 6 6 6 6 6 6 6 6 6 6 6 6	$\begin{array}{c} 1.493106\\ 1.806594\\ 2.235625\\ 3.038164\\ 3.618958\\ 2.805374\\ 3.466402\\ 0.592523\\ -0.627414\\ -1.793911\\ -3.038686\\ -4.105200\\ -4.239445\\ 0.702981\\ -5.296657\\ -0.896767\\ -0.569049\\ 0.947698\\ 2.587152\\ 1.916330\\ 0.940897\\ 4.552262\\ 3.185139\\ 3.037259\\ 0.024130\\ 0.452990\\ 3.360559\\ 2.638654\\ 1.720550\end{array}$	-1.300265 -1.457686 -0.071533 0.655881 0.056389 -1.118062 2.040912 -0.104159 -0.012732 -0.657431 -0.683133 0.110618 1.203834 0.822546 -0.066422 1.024208 -0.542182 -1.786795 -2.201454 0.338025 -2.150919 2.091024 2.742491 2.380811 1.664471 0.243393 -2.047883 -0.975518 1.166574	0.402541 -1.081938 -1.474841 -0.672763 0.572372 1.152268 -1.016101 0.494221 -0.305983 0.539112 -0.279903 -0.143545 0.867189 1.627852 -1.030220 -0.486393 -1.248638 -1.658079 -1.242127 -2.423928 0.821009 -1.099337 -0.229820 -1.953742 1.554626 2.525927 1.060211 2.218141 1.788139

1	2.686650 0.375692 -1.755198	1	3.769895 0.841636 1.314486
1	-2.442839 -1.521445 1.013257	1	-3.060818 -1.436601 -1.057901
1	-5.773782 -1.403291 0.395495	1	-6.184918 -0.282948 -0.437007
1	-5.056564 -1.958522 -1.099597	1	-5.504300 0.851348 -1.580627
1	-4.411768 -2.522851 0.443993	1	-5.159877 -0.872034 -1.745636
1	-4.653136 0.481994 -1.799156	1	-4.446602 2.150439 0.368380
1	-5.347408 1.049831 -0.301826	1	-5.088873 1.007491 1.521109
1	-3.729823 1.562847 -0.762629	1	-3.362337 1.339898 1.492167
1	-2.124442 1.487030 0.495080	1	-1.926750 -0.099013 1.461141
1	-1.303455 0.515035 1.704077	1	-1.510742 -1.674819 0.807838
b2		TS(b2-c2)	
6	1.518061 -1.319110 0.546689	6	-0.995658 0.187223 -0.325432
6	1.811361 -1.620240 -0.927600	6	-1.724219 -1.037858 -0.926480
6	1.857867 -0.139603 -1.256302	6	-3.090130 -0.506511 -1.335117
6	2.867776 0.599373 -0.642158	6	-3.478073 0.408828 -0.165885
6	3.680892 -0.079040 0.395498	6	-2.285521 0.446842 0.825006
6	2.834842 -1.057560 1.248168	6	-2.003772 -0.826218 1.347846
6	3.127308 2.006341 -0.986109	6	-1.906754 -1.888772 0.331418
6	0.828248 0.009212 0.203712	6	-2.201832 1.646322 1.725729
6	-0.568156 -0.089131 -0.398370	6	0.376158 -0.070657 0.300998
6	-1.656467 -0.363367 0.653902	6	1.500844 -0.268463 -0.720165
6	-2.949845 -0.699429 -0.016618	6	2.759058 -0.719945 -0.049054
6	-4.063522 0.035778 -0.051775	6	3.918136 -0.064469 0.040523
6	-4.231074 1.375304 0.593155	6	5.088411 -0.681479 0.741223
6	0.910202 1.166238 1.169340	6	-0.932428 1.428934 -1.187160
6	-5.282650 -0.464442 -0.761715	6	4.187473 1.291302 -0.532162
1	-0.804862 0.844197 -0.908427	1	0.631180 0.776320 0.938706
1	-0.616060 -0.875865 -1.146537	1	0.370502 -0.942040 0.957047
1	0.996737 -2.115961 -1.440682	1	-1.075639 -2.554562 0.557046
1	2.729996 -2.167001 -1.129112	1	-2.802817 -2.518622 0.337315
1	1.391225 0.276630 -2.140123	1	-1.715158 -0.985983 2.383021
1	0.900924 -2.028881 1.092860	1	-1.187574 -1.540382 -1.725663
1	4.119839 2.050423 -1.443488	1	-2.111513 2.556512 1.138600
l	3.181583 2.629254 -0.094445	l	-1.355035 1.592903 2.405412
l	2.409271 2.411958 -1.690956	l	-3.109233 1.736540 2.320074
l	0.529293 2.082172 0.723158	l	-0.363933 2.216834 -0.700422
1	0.26//90 0.926615 2.015618	1	-0.406229 1.162094 -2.104246
1	3.3/4481 -1.990318 1.388053	1	-3.804194 -1.311993 -1.484353
1	2.6/106/ -0.63298/ 2.235/40	1	-3.035132 0.043262 $-2.2/0368$
1	1.89/34/ 1.359898 1.5/5292	1	-1.89/412 $1.8260/4$ $-1.4//636$
1	4.430302 - 0.04/498 - 0.1034/5	1	-4.303139 0.003008 0.304192
1	4.250585 0.057544 $1.0004252.064800 1.656546 0.526412$	1	-5.080128 1.430442 $-0.4/3823$ 1.107206 1.022512 1.451165
1	-2.904809 -1.030340 -0.320412	1	1.197290 -1.022312 -1.431103 1.660364 - 0.640625 - 1.275340
1	-0.122920 -0.342381 -0.071391	1	1.009304 0.049023 -1.273349 2.706080 1.702721 0.405855
1	-5.565492 0.250546 $-1.5452045.122426$ 1.420726 1.212902	1	2.700989 - 1.705751 - 0.403833
1	-5.122420 -1.439730 -1.212803	1	5.424598 -0.04891/ 1.502989 4.854766 1.664044 1.120764
1	-4.547004 2.111112 $-0.1403275 010481 1 234606 1 344888$	1	5.022115 0.722827 0.050570
1	-3 332107 1 7/8085 1 073/56	1	4.083832 + 1.233811 - 1.274345
1	-1.772677 0.494151 1.310074	1	3 325035 1 749573 -1 005799
1	-1.351495 -1.202556 1.283117	1	4.540323 1.965908 0.247843
c?		9	
6	0.957051 0.205400 0.263558	a _{exo}	3 228331 _0 610564 _1 116056
6	1.619068 - 1.060260 - 0.505558	6	3 590687 -0.883928 0 135750
6	3 019292 -0 758124 1 259337	6	2 533546 -0 746716 1 193741
6	3 697001 -0 097875 0 054827	6	1 740001 0 562342 1 100179
6	1 824373 0 738204 -0 744434	6	1 509596 0 985659 -0 406824
6	2.660204 -0.358295 -1.154297	ő	1.831095 -0.144005 -1.383382
-		-	

6	1.966170 -1	1.622029	-0.657365	6	0.163591	1.542146 -	0.423194
6	1.859721 2	2.080976	-1.321409	6	-0.045922	2.883708	0.124999
6	-0.421137 ().115915	-0.380593	6	-0.989175	0.815054	-0.927737
6	-1.447947 -(0.694395	0.414741	6	-1.508621	-0.189207	0.178865
6	-2.732478 -(0.775636	-0.345965	6	-2.721133	-0.891686	-0.320726
6	-3.877305 -0	0.142030	-0.077871	6	-3.976287	-0.735138	0.112275
6	-5.082575 -(0.351881	-0.939709	6	-4.407632	0.211853	1.185302
6	0.799329 1	.280579	1.514035	6	4.943639	-1.360451	0.537552
6	-4.091349 ().793369	1.069600	6	-5.081629	-1.555361	-0.472474
1	-0.821125 1	1 111570	-0 566703	1	3 919236	-0 709430	-1 940479
1	-0.294668 -0	0 349964	-1 358196	1	5 607591	-1 446023	-0.317718
1	1 113912 -1	1 902664	-1 268940	1	5 397999	-0.681026	1 259016
1	2 649036 -2	265976	-0.610158	1	4 881541	-2 336627	1 018894
1	3 127112 -() 313303	-2 130586	1	2 964102	-0.802907	2 192285
1	1 012964 -1	1 687534	1 361026	1	1 842431	-1 588955	1 112451
1	1 701/36 2) 863833	-0.585412	1	0.803554	0 442457	1.112451
1	1.701430 2	125021	2 020142	1	0.803334	1 370508	1.044390
1	2 750482) 260271	1 001457	1	2.279290	1.370398	0.581010
1	2.739462 2	155006	1 214470	1	2.209389	1.603/93 -	1 259554
1	0.22/144 2	2.133000	1.214470	1	1.123931	-0.908330	-1.238334
1	0.208/10 0	1.600010	2.334872	1	1.727033	0.213810 -	-2.406034
1	3.520425 -1	1.0851/1	1.525080	1	0.754323	3.224360	0.773604
l	3.020/99 -0).125005	2.140573	1	-0.061425	3.544806	-0.752520
l	1.757214 1		1.898729	1	-1.021116	2.993565	0.593992
l	4.612/46 -0).585556	-0.272734	l	-0.732210	0.223488	-1.803104
1	3.947318 0).950933	0.209644	1	-1.806282	1.493471	-1.157337
1	-1.068700 -1	1.702645	0.580553	1	-0.714969	-0.905541	0.383136
1	-1.595822 -(0.246964	1.394135	1	-1.705757	0.358541	1.096409
1	-2.712254 -1	1.429645	-1.210683	1	-2.541065	-1.608174	-1.113267
1	-5.427330 ().593700	-1.358776	1	-4.728014	-2.228794	-1.247624
1	-4.885706 -1	1.037836	-1.758876	1	-5.850879	-0.911951	-0.899658
1	-5.908540 -0	0.752158	-0.351531	1	-5.565953	-2.149534	0.302218
1	-4.869048 ().408110	1.729199	1	-5.172464	0.886723	0.801563
1	-3.202408 ().965969	1.668096	1	-4.866291	-0.338004	2.006802
1	-4.445464 1	1.758204	0.706449	1	-3.604737	0.815444	1.596795
TS(a _{exo} -a)				h'			
6	-2.847129 -1	1.336104	0.728973	6	-1.310680	0.692138	0.372888
6	-3.585753 -(0.928244	-0.298168	6	-1.905625	5 0.840497	-0.948462
6	-3.137155 ().287207	-1.056904	6	-3.036540	-0.069963	-1.289824
6	-2 604500 1	1 339694	-0.093432	6	-3 724110	-0 740108	-0 369023
6	-1 451296) 800080	0 768454	6	-3 315292	-0.646582	1 072751
6	-1 531431 -(0 711061	1 080414	6	-1 820275	5 -0 377979	1 225530
6	-0 114706 1	1 340305	0 541384	6	-4 919243	-1 572109	-0.683516
6	0.063246 2	2 667105	-0.065694	6	-0 198057	1 528869	0.816237
6	1 078733 0) 606188	0.915907	6	0 127528	2 741393	-0.035527
6	1.648523 0) 000898	-0.438660	6	1.051586	0.602758	1 049637
6	2 766950 -() 931896	-0 123706	6	1 599738	-0.069854	-0 202578
6	4 073362 -() 678474	-0.123700	6	2 774290	-0.007034	0 142953
6	4.675302) 618250	-0 709800	6	4 047490	-0.752392	-0 221706
6	4.845578	1 5085/1	-0.728300	6	4 552508	0.363000	-1.080441
6	5 080286 -1	1 737795	0.067296	6	5 101996	-1.717258	0 221195
1	-3 140447	2 100608	1 3007290	1	_3 310529	<pre></pre>	_7 221195
1	5 06/077	2.199000 1 177702	0.121/61	1	5 170/17	-0.112020	1 729044
1	-5.004072 -2	2.71/2200 0.01/266	-0.121401	1	-3.1/0414	-1.552012	-1./30944
1	-3.091907 -0	J.714200 1 015040	1 760001	1	5 702260	-2.012012	-0.40/248
1	-4.//311/ -	1.713042	1 61 4770	1	-5.10520	y = 1.229424) 1574405	-0.113030
1	-3.90//91 (1.10231	-1.014//9	1 1	-3.343305	7 - 1.3/4493	1.392/32
1	-2.380480) 025014	-1./99212	1	-3.093203	0.130304	1.3///80
1	-2.3120/1 2	1.200914	-0.033031	1	-1.3033/	1 255022	2.239000
1	-3.420426	1.020011	0.303008	1	-1.28000	1 -1.255922	0.818383
1	-1.536118	1.326362	1./3166/	1	-2.191392	1.901203	-1.030929

-0.753482 -1.235313 0.521926

1

1	-1.310586 -0.884986 2.131757	1	-0.709173 3.434921 -0.087650
1	-0.678452 3.377048 0.294597	1	0.961580 3.275760 0.410640
1	1.062844 3.061013 0.078205	1	0.416209 2.478612 -1.049844
1	-0.124399 2.568371 -1.140470	1	0.813228 -0.146091 1.802920
1	0.886287 -0.211099 1.601162	1	1.812057 1.247801 1.485787
1	1.848747 1.261665 1.312705	1	0.826388 -0.697648 -0.659368
1	0.854391 -0.535758 -0.955636	1	1.870404 0.676696 -0.944888
1	1.963335 0.817591 -1.081170	1	2.546808 -1.782305 0.769935
1	2.465417 -1.908765 0.233264	1	4.696289 -2.512541 0.840185
1	4.614741 -2.661105 0.399142	1	5.879188 -1.204296 0.787838
1	5.763339 -1.396911 0.845345	1	5.591816 -2.171116 -0.640413
1	5.689217 -1.957462 -0.809437	1	5.333403 0.914861 -0.557190
1	5.341609 1.007282 0.043107	1	5.011342 -0.038422 -1.984013
1	5.246551 0.464035 -1.612878	1	3.787662 1.071753 -1.381374
1	3.919931 1.387625 -0.920953	1	-0.470845 1.848971 1.828664
TS(h-i)		TS(a1'-i)	
6	1.380915 0.847995 -0.195930	6	2.647716 -0.140308 -1.403731
6	2.379192 0.739550 -1.174565	6	2.358302 -1.123564 -0.288242
6	3.609890 -0.006569 -0.968259	6	2.162850 -0.554363 1.077537
6	3.708354 -0.888875 0.036994	6	1.987836 0.884492 1.241652
6	2.509986 -1.119432 0.909652	6	2.003667 1.736753 0.204609
6	1.642356 0.118986 1.078699	6	2.116704 1.276919 -1.213329
6	4.916108 -1.716195 0.276813	6	0.982517 -1.593278 0.090959
6	0.191427 1.747702 -0.385827	6	-0.222382 -0.909417 -0.508082
6	-0.051938 2.569501 0.879046	6	-1.573879 -1.308788 0.077567
6	-1.066215 0.988861 -0.856523	6	-2.684237 -0.571290 -0.601411
6	-1.587614 -0.137085 0.030085	6	-3.534934 0.305586 -0.064587
6	-2.822670 -0.746784 -0.554508	6	-4.606686 0.933385 -0.900432
6	-4.054447 -0.754732 -0.041564	6	1.878939 3.205207 0.411405
6	-4.448869 -0.144158 1.266168	6	0.888868 -3.045856 0.476719
6	-5.178932 -1.414967 -0.777196	6	-3.540984 0.735015 1.368767
1	4.406643 0.145403 -1.678817	1	1.862886 1.248849 2.250332
1	5.691640 -1.532485 -0.459543	1	1.702415 3.461939 1.450999
1	5.319544 -1.512791 1.268719	1	2.789615 3.704634 0.080995
1	4.658354 -2.775613 0.256895	1	1.065920 3.607748 -0.192347
1	2.814543 -1.480301 1.889160	1	2.756381 1.973259 -1.754986
1	1.922641 -1.931612 0.465671	1	1.133256 1.393989 -1.673256
1	0.720290 -0.117319 1.599284	1	2.302188 -0.548860 -2.351293
1	2.165466 0.861364 1.693876	1	3.732561 -0.093645 -1.477665
1	0.445626 2.442646 -1.187118	1	2.610102 -1.113120 1.893194
1	1.382719 -0.031229 -1.265189	1	1.790000 -3.388062 0.978830
1	0.824539 3.148446 1.162051	1	0.028945 -3.259506 1.102177
1	-0.858488 3.271373 0.684400	1	0.790036 -3.616881 -0.446434
1	-0.347369 1.957606 1.726827	1	-0.191545 -1.134398 -1.577250
1	-0.879012 0.595873 -1.859042	1	-0.106328 0.168461 -0.420771
1	-1.850775 1.735403 -0.976286	1	-1.730766 -2.380387 -0.055143
1	-0.829134 -0.921480 0.121254	1	-1.578257 -1.122490 1.151344
1	-1.778093 0.231092 1.036044	1	-2.804049 -0.803871 -1.654085
1	-2.679465 -1.229925 -1.515193	1	-4.573669 0.592550 -1.931474
1	-4.852803 -1.848181 -1.718721	1	-4.515649 2.019783 -0.894560
1	-5.974341 -0.699569 -0.986883	1	-5.592296 0.700752 -0.496982
1	-5.621725 -2.206561 -0.172417	1	-3.465842 1.820303 1.437591
1	-5 246471 0 583278 1 115547	1	-4 485901 0 461091 1 838058
1	-4 849642 -0 908540 1 932107	1	-2 740245 0 304644 1 961994
1	-3 636030 0 355467 1 783738	1	3 061273 -1 947656 -0 303386
1	2.286096 1.364869 -2.054876	1	0.973201 -1 032083 1 267707
-	I.JUIUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU		

1

-1.076590 0.789015 -1.668483

i

6	-2.664729	0.704933	-0.899690
6	-2.061921	1.201537	0.412551
6	-2.129803	0.182416	1.464536
6	-2.397608	-1.147854	1.270851
6	-2.498023	-1.651652	-0.023298
6	-2.376516	-0.758278	-1.190857
6	-0.615989	1.798641	0.352981
6	0.395602	0.826557	-0.250100
6	1.853628	1.221339	-0.019512
6	2.794276	0.247318	-0.653649
6	3.669018	-0.562871	-0.053988
6	4.553509	-1.462560	-0.861178
6	-2.681811	-3.090335	-0.258703
6	-0.645996	3.137935	-0.368733
6	3.884454	-0.652641	1.424469
1	-2.443219	-1.822236	2.112616
1	-2.418352	-3.701653	0.597715
1	-3.746624	-3.244063	-0.467782
1	-2.150616	-3.421981	-1.148535
1	-3.006893	-1.133848	-1.997746
1	-1.351198	-0.914875	-1.549258
1	-2.325455	1.315638	-1.731585
1	-3.745528	0.832720	-0.849747
1	-1.921415	0.513453	2.475815
1	-1.358055	3.822961	0.087156
1	0.329843	3.613313	-0.328227
1	-0.907207	3.024866	-1.419722
1	0.220956	0.743723	-1.325864
1	0.258807	-0.172083	0.172160
1	2.035578	2.209474	-0.444769
1	2.036829	1.309475	1.050165
1	2.754576	0.219126	-1.737791
1	4.371901	-1.363297	-1.928022
1	4.405336	-2.506634	-0.583103
1	5.603793	-1.237193	-0.674297
1	3.762592	-1.681995	1.762946
1	4.906123	-0.365361	1.674179
1	3.213517	-0.025882	2.003310
1	-2.673258	2.029246	0.787477
1	-0.320584	1.990195	1.388834

Optimized Cartesian coordinates of stationary points in the presence of pyrophosphate (OPP⁻) at the mPW1K/6-31+G** level of theory

a _{pp}				TS(a-b) _{pp}			
6	1.219943	1.818666	-1.118588	6	0.962948	-0.416787	-1.468615
6	0.202984	2.513828	-0.262718	6	0.963123	0.193148	-0.097604
6	0.116382	2.240589	1.035754	6	0.750113	-0.525494	1.024970
6	1.035142	1.201833	1.615331	6	0.353603	-1.966268	0.982572
6	1.148812	-0.045117	0.752560	6	0.461085	-2.589586	-0.405634
6	1.267961	0.331239	-0.835603	6	1.481587	-1.825263	-1.264065
6	-0.822870	2.917152	1.974159	6	0.774979	0.099705	2.379177
6	2.462871	-0.418006	-0.715376	6	2.834031	-1.794032	-0.666779

6	2.415415 -1.867712 -1.017622	6	3.288864 -2.955834 0.100576
6	3.770489 0.233330 -0.426650	6	3.826885 -0.739214 -0.922003
6	4.835910 -0.617363 0.258700	6	4.506567 -0.164370 0.340726
6	6.058329 0.190878 0.553553	6	5.495418 0.891025 -0.028638
6	7.284466 0.035127 0.052050	6	6.820762 0.857423 0.120948
6	8.399655 0.944111 0.468196	6	7.662722 2.025664 -0.289647
6	7 684762 -1 018218 -0 933074	6	7 593289 -0 285820 0 700467
8	-0 599542 -1 983243 -1 786677	8	-1 963148 -1 525422 -2 226462
15	-1 942878 -1 664076 -1 242046	15	-2 860645 -0 568845 -1 539303
8	-2 983227 -2 831284 -1 236737	8	-4 394525 -0 739081 -1 801524
12	-3 249371 -2 971191 0 617492	12	-4 942524 -1 079371 -0 040403
8	-1 745128 -1 565413 0 445667	8	-2 890431 -1 017891 0 104342
15	-2 504463 -0 724444 1 745387	15	-3.098792 -0.227461 -1.614533
8	-3.531051 -1.852856 -2.093069	8	-4 657739 _0 370234 1 669081
8	-1.435710 -0.455440 -2.727736	8	-2.325404 -1.009061 -2.600694
8	2 100773 0 462122 1 006226	8	2.627766 1.210708 1.272757
12	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	12	-2.087700 1.219798 $1.3737372.104360$ 2.165344 0.173350
12	-5.525807 1.121810 $-0.0951952.561290$ 0.242969 1.669111	12	-2.104309 2.103344 $-0.1733302.449710$ 0.909707 1.550977
0	-2.301380 -0.342808 -1.008111	0 0	-2.446/19 $0.696/97$ -1.559677
8	-4.958177 2.100540 -1.575902	8	-2.290989 4.194015 -0.412102
0	-4.201825 3.149287 -1.511159	0	-1.042908 4.207852 -0.348141
8	-2.9812/1 3.085960 -1.220125	8	-0.330660 3.244868 -0.193554
1	-0.445/68 3.246080 $-0./21234$	1	1.100013 1.2642/5 -0.014441
1	-1.44420/ 3.641/85 1.45492/	l	1.018333 1.15//96 2.3314/3
l	-1.460549 2.180042 2.459957	l	-0.204/89 -0.023145 2.843931
l	-0.268923 3.435983 2.758791	l	1.500853 -0.400225 3.023965
l	0.6426/1 0.850468 2.568662	l	-0.6//193 -2.019659 1.342960
l	2.020777 1.636827 1.803642	l	0.929/56 -2.515531 1./35380
1	1.953993 -0.668173 1.166307	1	0.687962 -3.652737 -0.338806
1	0.270357 -0.683980 0.796155	1	-0.484180 -2.497804 -0.939356
1	0.477946 -0.223497 -1.334339	1	1.610449 -2.377031 -2.210735
1	2.198596 2.284756 -0.988532	1	1.579483 0.162002 -2.152420
1	0.966955 1.927514 -2.171546	1	-0.034568 -0.457984 -1.909966
1	2.893214 -1.974271 -1.996226	1	4.367427 -3.021970 0.192000
1	2.988620 -2.464342 -0.313883	1	2.861093 -2.847265 1.104610
1	1.390189 -2.220136 -1.120011	1	2.864759 -3.877725 -0.290963
1	4.135917 0.550245 -1.410299	1	4.606393 -1.236110 -1.514422
1	3.609862 1.157963 0.123386	1	3.418810 0.066705 -1.518439
1	4.431192 -1.005076 1.197675	1	3.717430 0.268759 0.955548
1	5.077217 -1.481793 -0.353686	1	4.968442 -0.958260 0.920907
1	5.909361 0.998433 1.262592	1	5.062246 1.786358 -0.460134
1	8.070516 1.690140 1.186585	1	7.064180 2.833324 -0.701967
1	8.819176 1.462131 -0.394974	1	8.398530 1.728311 -1.037724
1	9.213787 0.374314 0.917654	1	8.221160 2.416074 0.561782
1	8.110854 -0.557560 -1.824822	1	8.348755 -0.627935 -0.007567
1	8.462994 -1.654204 -0.510007	1	8.128588 0.035033 1.594599
1	6.866825 -1.658594 -1.246975	1	6.977961 -1.138108 0.970830
1	-4.611733 4.089439 -1.890705	1	-0.560991 5.246570 -0.428695
h.		TS(b-c)	
~ _{pp} 6	0.628622 -0.368520 -1.358602	15(5 с) _{рр} б	1 442780 -2 001736 -1 601543
6	1 024573 -1 014479 -0 017072	6	0 729221 -0 649835 -1 733546
6	0.309628 -2.261446 0 188738	6	0.870687 -0.201280 -0.341076
6	-0.142658 -2.959251 -0.985935	6	1.005400 -1.228764 0.606958
6	0.668170 -2.659426 -2.257714	ő	0.120314 -2.453701 0.346040
6	1.511265 -1.411146 -2.056834	6	0.440410 -3.000810 -1.051326
6	0.077987 -2.747453 1.536566	6	1.237674 -0.892628 2.049110
6	2.366700 -1.493905 -0.769448	6	2.386027 -1.666304 -0.420116
6	2.997855 -2.820580 -0.387814	6	3.478175 -0.652362 -0.784240
6	3.415468 -0.383720 -0.716020	6	4.097905 0 160023 0 352334
6	4.105189 -0.182402 0.631615	6	5.238875 0.988539 -0.142386
-		-	

6	4 958353 1 045161 0 627469	6	6 522788 0 912996 0 203084
6	6 283659 1 130066 0 750063	6	7 091694 -0 050926 1 196364
6	6 970890 2 461161 0 724125	6	3 027503 -2 828164 0 310485
6	7 206094 0 035178 0 027748	6	7 531306 1 838830 -0 403038
8	2.606198 + 7.28512 + 1.600541	8	2 202816 1 228805 2 226010
0	-2.070188 -1.738313 -1.007341	0	-2.203810 -1.238803 -2.220919
13	-5.200/55 $-0.540/20$ $-0.6855/1$	13	-5.042581 - 0.514088 - 1.450985
8	-4./19200 -0.309439 -0.499830	8	-2.709875 1.171551 -1.515745
12	-4.550129 -0.460793 1.365140	12	-2.03/928 2.329002 -0.160568
8	-2.58/15/ -0.6//66/ 0.6980/2	8	0.008518 2.721560 -0.305015
15	-2.140992 0.425752 1.937960	6	-0.325077 3.928076 -0.406940
8	-3.549201 0.514725 2.610225	8	-1.525195 4.282219 -0.390599
8	-1.083900 -0.265302 2.710743	8	-4.584364 -0.565771 -1.465205
8	-1.778491 1.716702 1.225753	12	-4.853823 -0.920561 0.354390
12	-1.822615 2.282815 -0.598945	8	-4.363928 -0.238815 2.023722
8	-2.770237 0.817096 -1.390905	15	-2.847487 0.027471 1.744767
8	-1.913480 4.219791 -1.230841	8	-2.599902 1.504154 1.455450
6	-0.729730 4.090547 -1.625148	8	-2.796566 -0.737527 0.202111
8	-0.108253 3.008711 -1.486834	8	-1.875788 -0.693750 2.585714
1	1.113913 -0.416885 0.884806	1	1.028325 0.842921 -0.085366
1	1.016539 -2.711356 2.093532	1	1.809019 0.021640 2.180261
1	-0.539135 -1.983545 2.050033	1	0.259498 -0.770202 2.518465
1	-0.363884 -3.736189 1.578367	1	1.756235 -1.705721 2.552159
1	-1.173546 -2.498860 -1.117751	1	-0.910672 -2.125104 0.441528
1	-0.331126 -4.013942 -0.801901	1	0.295234 -3.178338 1.137046
1	1 295018 -3 518741 -2 495934	1	0.866890 -4.000700 -1.003080
1	-0.012933 -2.513010 -3.092904	1	-0.448110 -3.037352 -1.675029
1	2 033589 -1 125153 -2 968183	1	1952199 -2 332042 -2 503798
1	1 002464 0 645846 -1 426588	1	1 186210 0 055290 -2 421757
1	-0.426598 -0.376241 -1.615690	1	-0.336165 -0.749087 -2.017251
1	3 860000 -2 000238 -1 016468	1	3 633554 -2 403206 1 146600
1	3 336768 -2 817589 0 646273	1	2 310266 -3 562321 0 673784
1	2321668 - 2.817387 - 0.040273	1	2.519200 -5.502521 0.075784
1	4 171495 0 625091 1 467546	1	4 260460 1 227607 1 256702
1	4.1/1463 - 0.023061 - 1.40/340	1	4.209400 -1.237007 -1.230792
1	2.978085 0.302350 -1.028894	1	5.155081 0.058888 -1.551104
1	5.54/440 - 0.0/5458 1.412102	1	3.340898 0.827443 0.709327
1	4.095380 -1.058919 0.891828	1	4.410627 -0.489836 1.165476
1	4.4115/6 1.9/3862 0.501308	1	4.966286 1.737886 -0.877971
1	6.265828 3.278497 0.597048	1	/.0//95/ 2.522859 -1.116126
1	7.697905 2.507933 -0.088070	1	8.313440 1.279188 -0.918624
1	7.523760 2.630069 1.649467	1	8.02/532 2.430385 0.366549
1	7.966170 -0.038874 0.144550	l	7.880603 -0.646725 0.736078
1	7.739515 0.042894 1.876687	1	7.553038 0.486290 2.025695
1	6.701740 -0.995486 0.907014	1	6.357176 -0.733485 1.610959
1	-0.229486 4.939052 -2.099374	1	0.452559 4.689917 -0.512613
C.		TS(c-F1)	
vpp 6	1 260383 -1 589622 -2 084125	6	1 361675 -1 024858 -2 121698
6	1.200505 -1.505022 -2.004125	6	2 050703 -2 223050 -1 464036
6	0.794796 = 3.358701 = 0.615132	6	0.863173 -3.054123 -1.010615
6	-0.234835 -2.261162 -0.334064	6	0.103175 - 5.054125 - 1.010012 0.112318 - 1.060632 - 0.258682
6	-0.23+033 -2.201102 -0.334904	6	0.112310 - 1.707032 - 0.230002 0.625504 - 0.512400 - 0.007510
0	0.410430 -0.941073 -0.998313	U C	0.055504 - 0.512400 - 0.90/512
0	1.302202 -0.08/31/ 0.099330	0	1.518851 -0.90625/ 0.264010
0	2.4/0353 -1.011/9/ -0.012521	0	2.012018 -1.02141/ -0.151/24
6	2.813113 -2.302459 1.303/49	6	3.0/4010 -2.001515 0.85/853
6	5./14463 -0.825466 -0.527603	6	3./44666 -0.615160 -0.441800
6	4.216/58 0.360317 0.291847	6	4.53639/ -0.088/93 0.755734
6	5.456533 0.926327 -0.324950	6	5.432221 1.037717 0.351014
6	6.696130 0.927742 0.167672	6	6.765352 1.079381 0.361812
6	7.822843 1.547125 -0.601133	6	7.496566 2.308159 -0.085957

	6 1.042426	0.216495	1.193913	6	1.096664	-0.285245	1.606404
	6 7.097180	0.347051	1.487670	6	7.656476	-0.038098	0.807499
	8 -2 695120	-1 334174	-2 206318	8	-2 073979	-1 531227	-1 849578
	-3 362315	-0 355439	-1 325112	15	-3 079782	-0.612548	-1 228440
-	8 -2.887609	-0 780729	0 270173	8	-2 862477	-0.803661	0 427370
	-2.646475	-0.000859	1 755969	15	-3 037830	0 178945	1 846999
	8 -1 525806	-0 714876	2 420817	8	-2 025621	-0 322503	2 791842
	8 -2 980680	1 113269	-1 470228	8	-2 907685	0.866331	-1 524875
	2.900000	2 326112	-0 264987	12	-2 386185	2 300799	-0 358597
-	8 -2 416750	1 467243	1 418615	8	-2 916858	1 607314	1 333782
	8 _4 899370	-0 528183	_1 092951	8	-4 565135	-1 072525	-1 298094
	-4.8959570	-0.920105	0 7/0285	12	-1 80//08	-1 177080	0 558606
	8 _1 070001	-0.2/3356	2 323000	8	-4 531383	-0.108/06	2 113220
	8 -1.75/363	1 200600	-0 555384	8	-7.08/800	4 223122	_0.02/0/2
	6 -1.754505	4.299090	0.677524	6	-2.004099	3.070866	0.076855
	-0.341237	2 810/18	0.501258	8	-0.835308	2 824052	-0.970833
	0 -0.141103 1 1 205750	2.019410	-0.391238	0	-0.400897	2.834032	-0.093420
	1 1.075750	-0.8/994/	1 254360	1	2.042038	-0.207009	-2.300189
	1 -0.556551	-0.203331	-1.234300	1	-0.1051/6	0.272199	-0.940293
	1 0.701955 1 0.122206	1.199034	0.80/3/8	1	1.011983	0.072314	1.040389
	1 1.851201	-0.138392	1.720097	1	1 497026	-0.109973	2 208622
	1 1.031291	0.275878	0.001841	1	0.811124	-0.918/31	2.398033
	1 -1.102902	-2.340027	0.710/10	1	-0.811134	-1.000901	-0.918/11
	1 1 940292	-2.130009	1 782298	1	2 288422	-3 355912	1 137575
	1 3.262212	-1 615095	2 01/62/	1	3 /18130	-2 101084	1.157575
	1 3 530128	-3 099025	1 112510	1	3 906013	-3 236854	0.452002
	1 1 028424	-3 953735	0 262908	1	1 128197	-3 896605	-0.381733
	1 0.436643	-4 040447	-1 383354	1	0 278166	-3 426112	-1 848751
	1 4.507587	-1.572003	-0.589571	1	4.449455	-1.092890	-1.125513
	1 2.787090	-3.144239	-1.577331	1	2.791550	-2.735967	-2.082507
	1 0.634500	-2.093546	-2.815661	1	0.673453	-1.302921	-2.915806
	1 3.540912	-0.486120	-1.545772	1	3.343245	0.243867	-0.978094
	1 4.397547	0.070317	1.323864	1	5.109891	-0.892660	1.209416
	1 3.456416	1.142208	0.315494	1	3.850510	0.270265	1.525279
	1 5.309805	1.382658 -	-1.298431	1	4.913219	1.923902	-0.000553
	1 8.604787	0.813623 -	-0.802545	1	8.161574	2.082296	-0.920870
	1 7.488680	1.957844 -	-1.550327	1	6.814322	3.094797	-0.397831
	1 8.287256	2.350432 -	-0.027586	1	8.123590	2.700416	0.716120
	1 7.879087	-0.400663	1.349547	1	8.352809	-0.306888	0.012162
	1 7.517671	1.121266	2.130632	1	8.262804	0.276039	1.658273
	1 6.278280	-0.122396	2.023038	1	7.116512	-0.934137	1.095861
	0.182524	4.804403 -	-0.863513	1	-0.163829	4.763257	-1.274608
F1				TC (a F2)			
r I	6 1.055660	0 461766	1 201077	1 S(C-F 2)	1 129720	0 261220	0 275202
	6 2 142034	1 424584	1 705720	6	0.505087	0.501250 -	1 452022
	6 <u>1365460</u>	-1.424384	-1.793720	0	1 566137	-0.372289 -	2 188810
	6 0.929312	-2.745017	-0.350192	6	2 151646	2 199036	1 555364
	6 0.725696	-2.093084	-0.027074	6	2.151040	1 3/0721	0 317072
	6 1.966108	-1.212033	0 424712	6	0.892298	3 001019	1 23317972
	6 3 076583	-1 556671	-0 565344	6	-0 151315	-1 898344	-1 004771
	6 4 111437	-2 662634	-0 726377	6	2 683479	-2 125315	0 990297
	6 3.759942	-0.217247	-0.241320	6	3.903321	-0.641320 -	-0.638968
	6 4.948024	-0.258341	0.721200	6	4,404035	0.448247	0.305189
	6 5.374017	1.120171	1.111512	6	5,757913	0.922233 -	0.120233
	6 6.528324	1.736528	0.852818	6	6.919998	0.779195	0.518749
	6 6.771510	3.138578	1.322686	6	8.186684	1.324572 -	0.066376
	6 2.212080	-2.208186	1.875467	6	1.116059	0.501785	0.796412

6

7.095360 0.096853 1.839493

7.672836 1.133863 0.098510

6
8	-2.116673 -2.324577 -0.778982	8	-0.966834 -0.698367 2.151895
15	-3.006642 -1.043478 -0.627243	15	-2.293294 -0.100773 1.792283
8	-3.063031 -0.729227 0.953580	8	-2.269034 1.378009 1.441840
15	-3.459156 0.795332 1.864319	12	-2.535298 2.229945 -0.255886
8	-2.702057 0.700664 3.109965	8	-0.716536 2.862814 -1.044281
8	-2.465585 0.122019 -1.398773	6	-1.209629 4.017187 -1.022093
12	-2 364042 2 014115 -0 901225	8	-2 375501 4 223952 -0 607628
8	-3 145571 1 859264 0 832433	8	-2 820244 -0 913917 0 425014
8	-4 461827 -1 466857 -0 885730	12	-4 596625 -1 258273 1 410131
12	5 141564 = 1.023554 = 0.863750	8	5 140477 0 021523 0 250205
12	-5.141504 -1.025554 0.045551	0 15	-5.140477 -0.521525 -0.550255 2 761206 0 551626 0 020500
0	-4.988203 0.493300 1.910014	13	-5.701590 -0.551050 -0.989599
8	-2.735350 3.474030 -2.208334	8	-3.24/282 -1.434334 -2.049309
6	-1.506042 3.730220 -2.228801	8	-3.480953 -0.482504 2.723577
8	-0./30462 3.0/9313 -1.486816	8	-3.620066 0.955550 -1.158221
1	1.404219 0.551949 -1.127869	1	-0.074189 0.235029 -1.724718
1	0.011306 -0.865348 0.706761	1	-1.036356 -1.972874 -1.636375
1	2.575725 -1.323643 2.395491	1	-0.510902 -1.847790 0.019082
1	1.292850 -2.518067 2.369947	1	1.004423 -3.659503 -0.376537
1	2.943081 -3.005173 2.007322	1	0.624471 -3.623901 -2.084152
1	-1.164640 -2.180198 -0.649015	1	2.981454 -2.783157 -1.946257
1	0.365202 -3.483785 0.127849	1	2.274240 -0.406625 -2.865986
1	3.656672 -3.622901 -0.951478	1	1.033419 -1.568716 -3.333695
1	4.692047 -2.794618 0.183990	1	3.037284 -1.491165 1.798170
1	4 809741 -2 423644 -1 528967	1	1 736842 -2 551304 1 309602
1	1 967475 -3 617774 -2 038269	1	3 400485 -2 934159 0 859256
1	0 527966 -2 718449 -2 497637	1	3 873791 _0 230967 _1 646214
1	A 103020 0 0 234630 1 174076	1	4 640445 1 445205 0 665274
1	4.103929 0.234039 $-1.1749702.624506$ 1.154202 2.725004	1	4.040445 - 1.445295 - 0.005274
1	2.034500 - 1.154392 - 2.725994	1	4.420397 0.091409 1.332040
1	0.21534/ -0.408982 -1.99383/	1	3./20/55 1.298201 0.284289
1	3.021/26 0.4/0445 0.169493	1	5.///80/ 1.43/899 -1.0/4888
1	5.774790 -0.805328 0.275119	1	8.014675 1.815458 -1.020799
1	4.672273 -0.807212 1.624246	1	8.918151 0.529667 -0.218428
1	4.628825 1.683653 1.664511	1	8.645768 2.047119 0.609789
1	6.977992 3.801190 0.480603	1	7.824153 -0.710003 1.753735
1	5.918248 3.536891 1.865798	1	7.490318 0.795459 2.578186
1	7.643221 3.184086 1.977646	1	6.177181 -0.324234 2.235863
1	7.923861 1.750483 -0.765834	1	-0.611458 4.863210 -1.370644
1	8.565668 1.098536 0.724788	1	1.893992 0.639527 1.536672
1	7.473722 0.127761 -0.256044	1	0.614089 1.417404 0.491311
1	-1 105940 4 533210 -2 851669	1	0.255229 -0.068138 1.360996
1	1.105940 4.555210 2.051009	1	0.233229 0.000130 1.300990
F7		e1	
6	1 717/13 0 590637 0 197906	C1 _{pp}	0 300772 0 058810 1 678745
6	-1.717415 0.590057 0.197900	6	-0.399772 0.038810 $1.0787430.270086 1.570218 1.166585$
0	-0.916400 1.464450 1.105744	0	-0.2/9980 $1.3/0218$ 1.100383
6	-1.9/5598 $1.8/1580$ 2.141289	0	-1.155381 1.417202 0.028224
6	-2.348/50 0.423166 2.4/261/	6	-2.568338 1.394168 0.518416
6	-2.734848 -0.138664 1.075748	6	-2.348848 1.378059 2.052528
6	-0.988099 -0.108369 2.928949	6	-1.733032 0.032455 2.434730
6	-0.004055 0.574320 1.952740	6	-1.131471 2.287362 2.212746
6	-2.607014 -1.654059 0.959215	6	-0.744033 1.216391 -1.325759
6	-4.199284 0.267288 0.798050	6	-3.182226 2.734307 0.060800
6	-4.758045 0.041020 -0.603581	6	-3.367309 0.222166 -0.067842
6	-6.194667 0.447501 -0.679984	6	-4.760082 0.051678 0.533463
6	-7.259266 -0.308156 -0.953281	6	-5.440788 -1.158250 -0.021147
6	-8.634365 0.286743 -0.984556	6	-6.570682 -1.221370 -0.727009
6	-1.535015 0.459883 -1.117857	6	-7.413422 -0.044524 -1.109271
6	-7 216516 -1 773975 -1 255796	ő	-7 100536 -2 538763 -1 204920
8	0.530940 -1.710707 -1.193340	8	0.248704 -1.403205 -1.361161
15	2.006947 = 1.10707 = 1.10007	15	1.734660 -1.500202 -1.20202
0	2.000747 -1.173030 -1.240401 2.077058 0.257022 1.219071	13	1.734000 - 1.309202 - 1.242393 2.727727 - 2.072701 - 1.510010
0	2.0/4730 0.23/923 -1.0100/1	0	2.43//34 -2.0/3401 -1.318918

12	3.103867 1.708799 -0.803831	12	3.285937 -3.076158 0.153267
8	2.084450 3.447301 -0.482145	8	4.224521 -2.040985 1.403472
6	2.852314 3.969964 -1.327086	15	3.309353 -0.772152 1.423892
8	3.750606 3.298486 -1.892072	8	3.919534 0.359606 0.605957
8	2.629155 -1.457224 0.219860	12	3.405287 1.111714 -1.063510
12	4.055582 -2.689213 -0.697475	8	4.266167 2.679260 -2.029544
8	5 075012 -1 690565 0 497576	6	3 246922 3 357655 -1 758846
15	4 030520 -0 697991 1 093243	8	2 284857 2 869349 -1 116180
8	3 704808 -0 816759 2 512619	8	2 470223 -0 341672 -1 886016
8	2 830602 -2 103808 -2 075510	8	2.077533 _1.429517 _0.406934
8	A 118571 0 657182 0 A20645	8	2.077555 - 1.425517 - 0.400554 2.642477 - 0.438136 - 2.695672
1	0.306408 - 2.280212 - 0.505464	1	0.737018 + 1.886150 + 0.077072
1	-0.590498 2.289212 0.595404 0.722220 1.172604 2.484220	1	0.757918 1.880150 $0.9779720.488670$ 0.002421 2.204542
1	0.752559 1.175094 $2.4642200.548582$ 0.144276 1.252175	1	0.488079 - 0.093421 2.294343
1	0.548585 -0.144576 1.555175	1	
1	-0.915413 -1.19205/ 2.919216	1	-2.349014 -0.821320 2.166269
l	-0.797815 0.207614 3.953102	1	-1.571683 -0.009148 3.509729
l	-3.142252 0.286155 3.205184	1	-3.233/89 1.661284 2.6155//
1	-2.785434 2.469491 1.730746	1	-1.303220 3.335445 1.982839
1	-1.550376 2.401435 2.992462	1	-0.681640 2.219702 3.199991
1	-2.920012 -1.999875 -0.023700	1	-2.565171 3.594254 0.306026
1	-1.584792 -1.993486 1.105226	1	-3.340758 2.733038 -1.014784
1	-3.236505 -2.147261 1.700173	1	-4.143141 2.868001 0.551077
1	-4.338313 1.318827 1.047430	1	-3.464103 0.360915 -1.144452
1	-4.814554 -0.290806 1.507594	1	-2.805404 -0.702643 0.058881
1	-4.634821 -0.997127 -0.904024	1	-5.356328 0.945067 0.363478
1	-4.190320 0.643162 -1.313889	1	-4.671549 -0.059230 1.616749
1	-6.376613 1.498487 -0.477153	1	-4.929119 -2.094205 0.178557
1	-8 619669 1 350985 -0 763063	1	-6 460541 -3 365377 -0 907580
1	-9 287567 -0 202822 -0 260383	1	-7 188126 -2 550223 -2 292260
1	-9.095767 0.150168 -1.964040	1	-8 100180 -2 721498 -0 807967
1	-7 859844 -2 322518 -0 566345	1	-7 533763 -0.001913 -2.192489
1	-7 500588 -1 067338 -2 250063	1	-8 /15100 -0 1/2531 -0.688867
1	6 2100/0 2 1082/2 1 101/2/	1	7.006363 0.006406 0.780840
1	-0.217747 -2.178545 -1.171424 2 726028 5 027242 1 576001	1	-7.000303 0.900400 -0.780840 2 106812 4 207011 2 001412
1	2.750958 3.027542 $-1.5700012.144627$ 0.108740 1.720002	1	5.190815 4.39/911 -2.091412
1	-2.144037 - 0.198749 - 1.720902	1	-1.542880 1.521388 -2.051979
1	-0.806//1 1.06/969 -1.638291	1	0.148106 1.780982 -1.575931
1	-0.135119 -1.021755 -0.998891	1	-0.40625/ 0.131630 -1.3/140/
		54	
TS(c1-F3)		F3	
6	-0.398385 0.075567 1.776162	6	3.132000 -2.905032 -0.192179
6	-0.273315 1.542350 1.191604	6	4.478914 -2.592617 0.469072
6	-1.140380 1.408565 0.028238	6	4.033638 -1.225356 1.002046
6	-2.561480 1.399748 0.506318	6	3.573631 -0.518106 -0.301563
6	-2.359137 1.415534 2.043094	6	2.837255 -1.653406 1.858759
6	-1.763744 0.076383 2.479504	6	2.164102 -2.745783 0.998704
6	-1.134003 2.317379 2.191684	6	4.768806 0.065374 -1.056704
6	-0.715379 1.205685 -1.299645	6	2.512399 0.569260 -0.099407
6	-3.176926 2.727075 0.018951	6	2.954051 1.822757 0.660492
6	-3.354464 0.215439 -0.063509	6	1.798188 2.758293 0.888310
6	-4.755592 0.064392 0.523315	6	1.311399 3.670284 0.018923
6	-5.442738 -1.146153 -0.021193	6	1.893275 3.920800 -1.337641
6	-6 568791 -1 207522 -0 733353	6	2 514928 -1 672079 -2 320077
6	-7 398688 -0 027881 -1 134660	6	0 165234 4 562895 0 402058
6	-7 107862 -2 525448 -1 100223	8	-0.632942 -1.487252 -2.201252
8	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	15	-1.309626 -0.370723 -1.375206
0 15	1.601691 -1.372020 $-1.3420721.601691$ 1.161006 1.227162	0	-1.507020 -0.547725 $-1.5458902.702717$ 0.502014 1.454270
13	1.074004 -1.401000 -1.23/403	0	-2./75/1/ -0.505914 -1.4342/9 / 120087 0.587522 0.040221
0	2.327440 -2.04/031 -1.332/90	12	-4.137007 -0.387352 -0.040221
12	5.201909 -5.112820 0.101801 4.205584 -2.122266 -1.224705	ð 1 <i>5</i>	-2.909/42 -0.303002 1.409389
ð 15	4.200004 -2.120200 1.004/90	15	-1.310343 -0.122139 1./08681
15	5.53418/ -0.826102 1.409613	8	-1.1/2503 1.386/02 1.599468

0	2 05(407 0 202070 0 507(22	10	0 000017 1 547240 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
8	3.95648/ 0.3022/8 0.59/633	12	-0.08081/ 1.54/248 0.066609
12	3.439031 1.108526 -1.044966	8	-0.713888 1.023763 -1.683392
8	4.319420 2.661770 -2.013165	8	-0.770610 -0.573534 0.150426
6	3.311513 3.354813 -1.734316	8	-0.766248 -0.905538 2.697279
8	2 348116 2 879440 -1 084676	8	-5 752541 -1 822613 -0 207299
8	2.440207 -0.308283 -1.877702	6	6 4 4 9 8 9 8 - 0 7 8 7 1 1 5 - 0 3 3 7 1 0 9
0	2.449207 -0.508285 -1.877792	0	
8	2.054214 -1.425515 0.399593	8	-5.931/94 0.355/9/ -0.3100/0
8	2.706530 -0.506355 2.702289	1	3.043707 -3.850958 -0.718841
1	0.746195 1.856629 1.005252	1	2.085368 -3.684739 1.542603
1	0.456268 -0.058371 2.438646	1	1.158922 -2.470535 0.690263
1	-0.308687 -0.684777 1.004859	1	2 149074 -0 858982 2 135156
1	-2 375513 -0 780143 -2 209373	1	3 203557 -2 069353 2 795455
1	1647261 + 0.060061 + 2.561125	1	4 780562 0 660010 1 544040
1	-1.04/201 0.000001 5.301133	1	4.789303 -0.000919 1.344940
1	-3.24/853 1./23992 2.58/0/0	l	5.31044/ -2.558899 -0.2311/9
1	-1.289718 3.357544 1.918656	1	4.725124 -3.289136 1.268840
1	-0.702728 2.283046 3.189185	1	5.482874 -0.707645 -1.324838
1	-2.562754 3.592724 0.251094	1	4.449645 0.542504 -1.982692
1	-3 325874 2 704257 -1 057946	1	5 295521 0 803094 -0 453144
1	-1 1/2032 2 870612 0 498463	1	2 155002 0 865883 -1 001763
1	-4.142032 2.070012 0.490403	1	1,679054 0.001592 0.429029
1	-5.455910 0.550550 -1.144505	1	1.078034 0.091383 0.428938
1	-2.797223 -0.707869 0.092324	I	3.748733 2.327984 0.116099
1	-5.341769 0.960389 0.334092	1	3.361900 1.538150 1.628671
1	-4.679607 -0.031173 1.609013	1	1.319917 2.702390 1.863737
1	-4.941083 -2.084332 0.192906	1	-0.291921 4.272677 1.345067
1	-6 477440 -3 354287 -0 888027	1	-0.602760 4.585961 -0.371698
1	-7 188708 -2 549014 -2 286873	1	0.526523 5.586787 0.501889
1	8 111676 2 604527 0 806675	1	1 120221 2 702082 2 114055
1	-8.1110/0 -2.094327 -0.800073	1	1.137321 3.772783 -2.114033
1	-/.512/36 0.002526 -2.218949	1	2.228998 4.956159 -1.39/161
1	-8.403628 -0.111643 -0.718683	I	2.734812 3.276308 -1.568166
1	-6.984774 0.923251 -0.815739	1	-7.529521 -0.883014 -0.476462
1	3.273627 4.395699 -2.066168	1	2.498353 -0.763130 -2.907541
1	-1.485668 1.279663 -2.058766	1	2.199252 -2.579611 -2.817695
1	0.213219 1.714708 -1.547430	1	0.329046 -1.518086 -2.117643
1	-0.378439 0.074809 -1.295008		
1	0.570159 0.071009 1.292000		
0)		TS(62 F4)	
C _{2pp}	0.07740(0.022755 0.455070	15((2-14)	0.010446 1.507700 1.144020
0	0.07/400 - 2.033/55 - 0.4550/9	0	0.019446 -1.58/799 -1.144052
6	-0.482600 -0.601963 -0.930823	6	-0.633033 -0.158068 -1.339268
6	-1.257372 -0.392889 0.261157	6	-1.364869 -0.062855 -0.082274
6	-2.514683 -1.189488 0.155334	6	-2.572877 -0.945487 -0.176747
6	-2.215366 -2.039787 -1.103291	6	-2.336524 -1.621347 -1.551538
6	-1 074271 -2 997252 -0 752805	6	-1 132879 -2 557998 -1 441854
6		6	
6	0.962050 0.206178 1.401427	6	-1.722051 -0.402500 -2.504442 0.045975 0.624929 1.067229
0	-0.802939 0.390178 1.401427	0	-0.943873 0.034828 1.007338
6	-2.848037 -1.978430 1.417869	6	-2.691051 -1.895688 1.013548
6	-3.606352 -0.108095 -0.098620	6	-3.786736 0.022984 -0.200132
6	-4.983224 -0.679313 -0.436102	6	-5.138790 -0.664405 -0.384592
6	-5.971114 0.420412 -0.656912	6	-6.241056 0.343161 -0.456523
6	-7 030850 0 736143 0 089587	6	-7 219870 0 556899 0 424313
6	-7 451080 0.016263 1.332570	6	-7.410741 = 0.206684 = 1.607401
6	7 015205 1 0010205 1.552577	6	9 245174 1 622617 0 195224
0	-/.913203 1.884809 -0.287002	0	-8.243174 1.022017 0.183324
8	1.6504/0 -0.8/0622 2.38/680	8	1.091031 -0.886661 2.112004
15	2.801074 -0.215776 1.712653	15	2.443275 -0.353752 1.743599
8	4.229058 -0.608454 2.205465	8	3.637296 -0.924040 2.563236
12	4 912990 -1 240242 0 567689	12	4.622933 -1.637496 1.117405
8	-1.2702-1.2702-1.2		
	4.892992 -0.771749 -1.250535	8	5.115297 -1.146834 -0.621587
15	4.892992 -0.771749 -1.250535 3.370403 -0.450537 -1.408952	8 15	5.115297 -1.146834 -0.621587 3.745545 -0.600913 -1.143940
15 8	4.892992 -0.771749 -1.250535 3.370403 -0.450537 -1.408952 3.118827 1.052164 -1.454539	8 15 8	5.115297 -1.146834 -0.621587 3.745545 -0.600913 -1.143940 3.722521 0.921985 -1.137028
15 8 12	$\begin{array}{r} 4.892992 & -0.771749 & -1.250535 \\ 3.370403 & -0.450537 & -1.408952 \\ 3.118827 & 1.052164 & -1.454539 \\ 2.438376 & 2.264086 & -0.154235 \end{array}$	8 15 8 12	5.115297 -1.146834 -0.621587 3.745545 -0.600913 -1.143940 3.722521 0.921985 -1.137028 2.784162 2.167663 -0.050354
15 8 12 8	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	8 15 8 12 8	5.115297 -1.146834 -0.621587 3.745545 -0.600913 -1.143940 3.722521 0.921985 -1.137028 2.784162 2.167663 -0.050354 2.779902 4.195286 -0.177335

6	0.990728 4.105946 -0.407142	6	1.584433	4.128807	-0.551907
8	0.483678 2.957920 -0.369520	8	0.994814	3.026785	-0.670832
8	2.682466 1.283204 1.465517	8	2.518188	1.152583	1.555804
8	2.918278 -0.927528 0.179067	8	2.838553	-1.047740	0.270854
8	2.587236 -1.310734 -2.317794	8	3.115429	-1.314393	-2.266433
1	0.305765 0.095937 -1.175454	1	0.080779	0.630297	-1.545341
1	0 954213 -2 150110 -1 094837	1	0 852454	-1 645450	-1 844084
1	0 433203 -2 042344 0 573494	1	0 447743	-1 715742	-0 153701
1	-1 301732 -3 654760 0.081285	1	-1 247479	-3 323718	-0 679539
1	-0.842521 - 3.626194 - 1.609500	1	-0.07813/	-3.069516	-2 380500
1	2 004008 2 516823 1 526350	1	2 228226	2 083386	1 064206
1	-5.094008 -2.510825 -1.520550	1	-3.226330	-2.065560	-1.904200
1	-2.083278 -0.229823 -2.380132	1	-2.388430	0.330931	-2.309387
1	-0.966683 -1.520853 -2.831267	1	-1.289/16	-0.819102	-3.303633
l	-3.62421/ -2.709454 1.204053	l	-3.41/3//	-2.6/5/30	0.796911
1	-3.213281 -1.324601 2.206530	I	-3.021956	-1.366014	1.904423
1	-1.985026 -2.512052 1.806040	1	-1.744328	-2.372948	1.250323
1	-3.303582 0.572282 -0.893771	1	-3.664898	0.773971	-0.980156
1	-3.690903 0.501496 0.800600	1	-3.801671	0.570623	0.742165
1	-4.915447 -1.279077 -1.344743	1	-5.132723	-1.243053	-1.309531
1	-5.312694 -1.347984 0.354835	1	-5.308441	-1.372466	0.422479
1	-5.780524 1.033150 -1.531874	1	-6.219689	0.977304	-1.336895
1	-7 576992 2 375069 -1 196687	1	-8 074437	2 148401	-0 750516
1	-8 941414 1 549124 -0 442825	1	-9 248523	1 195377	0 157535
1	-7 945964 2 628164 0 510073	1	-8 239033	2 354816	0.993907
1	-8 454097 -0 396696 1 210421	1	8 376659	-0.713425	1 605378
1	7 502722 0 710074 2 171760	1	7 /10587	0.475257	2 548527
1	6 799299 0 705752 1 611944	1	6 6 4 2 9 9 5	0.475257	1 975722
1	-0.788388 -0.793732 1.011844	1	-0.042883	-0.932333	1.8/3/32
1	0.339264 4.976656 -0.519598	1	1.046010	5.052791	-0.//854/
l	-1.632445 0.472285 2.161488	l	-1.6834/8	0.728703	1.8562/1
l	-0.503931 1.374414 1.077639	l	-0.390972	1.545407	0.855655
1	0.037088 -0.090678 1.853165	1	-0.104136	-0.067530	1.508823
F4		TS(b-G1)			
6	0.099518 0.677736 1.690117	6	0.653788	-0 182291	-1 273693
6	0.861756 1.557131 0.676480	6	1 008010	-0.981110	-0.030560
6	1502099 0645640 0264615	0	0.241257	-0.981110	-0.030300
6	1.592988 0.045049 -0.204015 2.706922 0.026200 0.540752	0	0.341337	-2.233998	0.047021
0	2.700855 -0.020390 0.540752	0	-0.07/011	-2.813189	-1.10/05/
0	2.493513 0.643903 1.925162	6	0.666512	-2.360514	-2.423907
6	1.220/42 0.116281 2.592358	6	1.513683	-1.135126	-2.113470
6	2.030506 2.050749 1.536013	6	2.408293	-1.348377	-0.864144
6	1.356311 0.494742 -1.568377	6	3.458143	-0.244773	-0.735491
6	2.553673 -1.545939 0.547775	6	4.181347	-0.171004	0.607843
6	4.072573 0.351688 -0.061226	6	5.047962	1.043768	0.695053
6	5.289421 -0.272561 0.619224	6	6.375301	1.106178	0.809495
6	6.564949 0.286585 0.076877	6	7.076060	2.428338	0.885233
6	7.540561 -0.349639 -0.573169	6	3.058144	-2.703978	-0.651656
6	7.547838 -1.812570 -0.892128	6	0.051154	-2.819858	1.355450
6	8 755528 0 389032 -1 046422	6	7 288246	-0.078442	0.881219
8	-0.706568 -1.674312 -1.449169	8	-2 589353	-1 854264	-1 516854
15	-2 181/64 - 1 178880 - 1 288670	15	-3 157257	-0.670713	-0.781225
0 0	2.101404 -1.170000 -1.200077	8	2 476522	0.752622	0.756045
0	-5.070284 -2.151740 -2.052285	0	-2.470332	-0.752022	1 020200
12 0	-4.12/510 -2.751550 -0.554555	13	-2.0039/2	0.403338	1.200009
ð 17	-4.995159 -1.812444 0.812950	ð	-0.924641	-0.194228	2./01/11
15	-3.893352 -0.825916 1.311319	8	-2.836219	0.691335	-1.342050
8	-4.088445 0.554283 0.716427	12	-2.015309	2.260925	-0.588549
12		~			1 724675
-	-3.272625 1.675330 -0.591685	8	-1.860522	1.708783	1.234625
8	-3.272625 1.675330 -0.591685 -4.117781 3.261123 -1.542640	8 8	-1.860522 -4.648835	-0.821463	-0.357178
8 6	-3.272625 1.675330 -0.591685 -4.117781 3.261123 -1.542640 -3.183256 3.957529 -1.075668	8 8 12	-1.860522 -4.648835 -4.424371	-0.821463 -0.685400	-0.357178 1.506584

8	-2.311652 0.287233 -1.579206	8	-2.371996	4.164631	-1.223153
8	-2.608483 -1.519925 0.230893	6	-1.202549	4.171165	-1.678262
8	-3.383594 -0.997208 2.669852	8	-0.451794	3.171662	-1.565665
1	0.250055 2.310194 0.187897	1	1.192823	-0.484891	0.930222
1	-0 603224 1 283574 2 258441	1	1 010835	-3 031862	1 835642
1	-0.477833 -0.110569 1.212901	1	-0.422793	-2 059258	1 988075
1	1 101284 0.065540 2.685257	1	0.533773	2.037230	1 202202
1	1.191204 -0.905349 2.003237 1.142784 0.510012 2.600706	1	-0.333773	-3./3143/	1.295505
1	1.142784 0.519012 5.600706	1	-1.1/8240	-2.329200	-1.204109
l	3.370554 0.589968 2.565660	l	-0.325019	-3.869883	-1.105024
1	2.761056 2.631560 0.977503	1	1.286301	-3.180799	-2.787971
1	1.699826 2.637248 2.392043	1	-0.046484	-2.125491	-3.212253
1	3.193742 -2.004185 1.300236	1	2.003022	-0.746643	-3.005113
1	2.829821 -1.959273 -0.421933	1	1.025168	0.834575	-1.240147
1	1.531177 -1.852550 0.753221	1	-0.408597	-0.162230	-1.497632
1	4.182990 1.436370 -0.056170	1	3.907458	-2.811959	-1.326056
1	4.079410 0.061419 -1.112858	1	3.433789	-2.809428	0.364472
1	5.250929 -0.071256 1.692253	1	2.387307	-3.538476	-0.841054
1	5 264203 -1 354054 0 511438	1	4 195778	-0 407069	-1 525279
1	6 693171 1 352958 0 235137	1	3 013564	0 726781	-0.943053
1	8 712650 1 444865 -0 790996	1	3 112330	-0.120781	1 /12008
1	0.661200 0.020414 0.606421	1	1765691	1 072610	0.772724
1	9.001800 -0.030414 -0.000481	1	4.703084	1 005202	0.773724
1	8.805024 0.504914 -2.128785	1	4.510126	1.985585	0.052454
1	8.399086 -2.301//0 -0.416085	l	6.3/8305	3.259994	0.831428
1	7.662171 -1.965673 -1.966164	l	7.796600	2.534350	0.0/2/84
1	6.646992 -2.327760 -0.575110	1	7.638531	2.516596	1.816041
1	-3.143214 5.024726 -1.305494	1	8.037259	-0.027740	0.089814
1	1.971952 -0.144040 -2.188418	1	7.833765	-0.081462	1.826034
1	0.589168 1.072294 -2.066554	1	6.771829	-1.028755	0.791447
1	-0.026464 -0.983374 -1.317519	1	-0.830973	5.066588	-2.183191
G1		TS(b-G2)			
6	1.134654 -0.541837 -1.376990	6	2.421461	-1.609121	-0.510111
6	1.442415 -1.040110 0.049940	6	1.119982	-0.869654	0.067501
6	0.555667 -2.227724 0.329650	6	0.321926	-1.979767	0.578289
6	0.433234 -3.126085 -0.657471	6	-0.235782	-2.880501	-0.441516
6	1 232254 -2 959655 -1 922025	6	0.650217	-2 981655	-1 701841
6	2 053441 -1 675026 -1 860601	6	1 577186	-1 781136	-1 797026
6	2,055441 -1.075020 -1.000001	6	0.771208	0 537788	1 202672
6		0	0.771220	-0.557788	-1.595072
0	2 962250 0 421925 0 595969	6	0 102000	2 1 4 7 0 0 5	1 057744
(3.863250 -0.431825 -0.585868	6	0.102090	-2.147995	1.957744
6	3.863250 -0.431825 -0.585868 4.450489 0.009936 0.753826	6	0.102090 3.554065	-2.147995 -0.602660	1.957744 -0.708151
6 6	3.863250 -0.431825 -0.585868 4.450489 0.009936 0.753826 5.285278 1.241155 0.610714	6 6 6	0.102090 3.554065 4.254020	-2.147995 -0.602660 -0.130780	1.957744 -0.708151 0.564328
6 6 6	3.863250 -0.431825 -0.585868 4.450489 0.009936 0.753826 5.285278 1.241155 0.610714 6.593638 1.387359 0.825027	6 6 6	0.102090 3.554065 4.254020 5.200963	-2.147995 -0.602660 -0.130780 0.991268	1.957744 -0.708151 0.564328 0.284523
6 6 6 6	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	6 6 6 6 6	0.102090 3.554065 4.254020 5.200963 6.525049	-2.147995 -0.602660 -0.130780 0.991268 1.014768	1.957744 -0.708151 0.564328 0.284523 0.443073
6 6 6 6	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	6 6 6 6 6 6	0.102090 3.554065 4.254020 5.200963 6.525049 7.349830	-2.147995 -0.602660 -0.130780 0.991268 1.014768 -0.124411	$\begin{array}{c} 1.957744\\ -0.708151\\ 0.564328\\ 0.284523\\ 0.443073\\ 0.956700 \end{array}$
6 6 6 6 6	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	6 6 6 6 6 6 6	0.102090 3.554065 4.254020 5.200963 6.525049 7.349830 2.944254	-2.147995 -0.602660 -0.130780 0.991268 1.014768 -0.124411 -2.844794	$\begin{array}{c} 1.957744\\ -0.708151\\ 0.564328\\ 0.284523\\ 0.443073\\ 0.956700\\ 0.200624 \end{array}$
6 6 6 6 6 6 6	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	6 6 6 6 6 6 6 6	0.102090 3.554065 4.254020 5.200963 6.525049 7.349830 2.944254 7.314464	-2.147995 -0.602660 -0.130780 0.991268 1.014768 -0.124411 -2.844794 2.243673	1.957744 -0.708151 0.564328 0.284523 0.443073 0.956700 0.200624 0.108795
6 6 6 6 6 6 6 8	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	6 6 6 6 6 6 6 8	0.102090 3.554065 4.254020 5.200963 6.525049 7.349830 2.944254 7.314464 -1.996088	-2.147995 -0.602660 -0.130780 0.991268 1.014768 -0.124411 -2.844794 2.243673 -0.660304	1.957744 -0.708151 0.564328 0.284523 0.443073 0.956700 0.200624 0.108795 2.711799
6 6 6 6 6 6 8 15	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	6 6 6 6 6 6 6 8 15	0.102090 3.554065 4.254020 5.200963 6.525049 7.349830 2.944254 7.314464 -1.996088 -2.733076	-2.147995 -0.602660 -0.130780 0.991268 1.014768 -0.124411 -2.844794 2.243673 -0.660304 0.246713	1.957744 -0.708151 0.564328 0.284523 0.443073 0.956700 0.200624 0.108795 2.711799 1.774224
6 6 6 6 6 8 15 8	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	6 6 6 6 6 6 6 8 15 8	0.102090 3.554065 4.254020 5.200963 6.525049 7.349830 2.944254 7.314464 -1.996088 -2.733076 -2.029991	-2.147995 -0.602660 -0.130780 0.991268 1.014768 -0.124411 -2.844794 2.243673 -0.660304 0.246713 1.528663	1.957744 -0.708151 0.564328 0.284523 0.443073 0.956700 0.200624 0.108795 2.711799 1.774224 1.377679
6 6 6 6 6 8 15 8 15	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	6 6 6 6 6 6 8 15 8 12	0.102090 3.554065 4.254020 5.200963 6.525049 7.349830 2.944254 7.314464 -1.996088 -2.733076 -2.029991 -1 594918	-2.147995 -0.602660 -0.130780 0.991268 1.014768 -0.124411 -2.844794 2.243673 -0.660304 0.246713 1.528663 2.293184	1.957744 -0.708151 0.564328 0.284523 0.443073 0.956700 0.200624 0.108795 2.711799 1.774224 1.377679 -0 329556
6 6 6 6 6 8 15 8 15 8	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	6 6 6 6 6 6 6 8 15 8 12 8	0.102090 3.554065 4.254020 5.200963 6.525049 7.349830 2.944254 7.314464 -1.996088 -2.733076 -2.029991 -1.594918 0.362764	-2.147995 -0.602660 -0.130780 0.991268 1.014768 -0.124411 -2.844794 2.243673 -0.660304 0.246713 1.528663 2.293184 2.829355	1.957744 -0.708151 0.564328 0.284523 0.443073 0.956700 0.200624 0.108795 2.711799 1.774224 1.377679 -0.329556 -0 701330
6 6 6 6 6 8 15 8 15 8 8 8	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 6 6 6 6 6 8 15 8 12 8 6	0.102090 3.554065 4.254020 5.200963 6.525049 7.349830 2.944254 7.314464 -1.996088 -2.733076 -2.029991 -1.594918 0.362764 -0.062263	-2.147995 -0.602660 -0.130780 0.991268 1.014768 -0.124411 -2.844794 2.243673 -0.660304 0.246713 1.528663 2.293184 2.829355 4.005852	1.957744 -0.708151 0.564328 0.284523 0.443073 0.956700 0.200624 0.108795 2.711799 1.774224 1.377679 -0.329556 -0.701330 -0.806617
6 6 6 6 6 8 15 8 15 8 8 15 8	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 6 6 6 6 6 6 8 15 8 12 8 6 8	0.102090 3.554065 4.254020 5.200963 6.525049 7.349830 2.944254 7.314464 -1.996088 -2.733076 -2.029991 -1.594918 0.362764 -0.062263 -1.279027	-2.147995 -0.602660 -0.130780 0.991268 1.014768 -0.124411 -2.844794 2.243673 -0.660304 0.246713 1.528663 2.293184 2.829355 4.005852 4.276632	1.957744 -0.708151 0.564328 0.284523 0.443073 0.956700 0.200624 0.108795 2.711799 1.774224 1.377679 -0.329556 -0.701330 -0.806617
6 6 6 6 8 15 8 15 8 8 8 12 8	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 6 6 6 6 6 8 15 8 12 8 6 8 8	0.102090 3.554065 4.254020 5.200963 6.525049 7.349830 2.944254 7.314464 -1.996088 -2.733076 -2.029991 -1.594918 0.362764 -0.062263 -1.279027 4.237692	-2.147995 -0.602660 -0.130780 0.991268 1.014768 -0.124411 -2.844794 2.243673 -0.660304 0.246713 1.528663 2.293184 2.829355 4.005852 4.276632 0.454196	1.957744 -0.708151 0.564328 0.284523 0.443073 0.956700 0.200624 0.108795 2.711799 1.774224 1.377679 -0.329556 -0.701330 -0.806617 -0.665051 2.116411
6 6 6 6 8 15 8 15 8 15 8 8 12 8 8	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 6 6 6 6 6 8 15 8 12 8 6 8 8 12	0.102090 3.554065 4.254020 5.200963 6.525049 7.349830 2.944254 7.314464 -1.996088 -2.733076 -2.029991 -1.594918 0.362764 -0.062263 -1.279027 -4.237692	-2.147995 -0.602660 -0.130780 0.991268 1.014768 -0.124411 -2.844794 2.243673 -0.660304 0.246713 1.528663 2.293184 2.829355 4.005852 4.276632 0.454196	1.957744 -0.708151 0.564328 0.284523 0.443073 0.956700 0.200624 0.108795 2.711799 1.774224 1.377679 -0.329556 -0.701330 -0.806617 -0.665051 2.116411 0.572702
6 6 6 6 8 15 8 15 8 15 8 12 8 8	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	6 6 6 6 6 6 6 8 15 8 12 8 6 8 12 8 6 8 12	0.102090 3.554065 4.254020 5.200963 6.525049 7.349830 2.944254 7.314464 -1.996088 -2.733076 -2.029991 -1.594918 0.362764 -0.062263 -1.279027 -4.237692 -4.988661 2.040742	-2.147995 -0.602660 -0.130780 0.991268 1.014768 -0.124411 -2.844794 2.243673 -0.660304 0.246713 1.528663 2.293184 2.829355 4.005852 4.276632 0.454196 -0.322289	1.957744 -0.708151 0.564328 0.284523 0.443073 0.956700 0.200624 0.108795 2.711799 1.774224 1.377679 -0.329556 -0.701330 -0.806617 -0.665051 2.116411 0.573792
6 6 6 6 8 15 8 15 8 15 8 8 12 8 8 12 8 8 12	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	6 6 6 6 6 6 8 15 8 12 8 6 8 8 12 8 6 8 8 12 8	0.102090 3.554065 4.254020 5.200963 6.525049 7.349830 2.944254 7.314464 -1.996088 -2.733076 -2.029991 -1.594918 0.362764 -0.062263 -1.279027 -4.237692 -4.988661 -2.940743	-2.147995 -0.602660 -0.130780 0.991268 1.014768 -0.124411 -2.844794 2.243673 -0.660304 0.246713 1.528663 2.293184 2.829355 4.005852 4.276632 0.454196 -0.322289 -0.654667	$\begin{array}{r} 1.957744\\ -0.708151\\ 0.564328\\ 0.284523\\ 0.443073\\ 0.956700\\ 0.200624\\ 0.108795\\ 2.711799\\ 1.774224\\ 1.377679\\ -0.329556\\ -0.701330\\ -0.806617\\ -0.665051\\ 2.116411\\ 0.573792\\ 0.369674\\ 1.20772\end{array}$
6 6 6 6 8 15 8 15 8 15 8 8 12 8 8 12 8 8	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	6 6 6 6 6 6 6 8 15 8 12 8 6 8 12 8 6 8 12 8 12 8 12 8 12	0.102090 3.554065 4.254020 5.200963 6.525049 7.349830 2.944254 7.314464 -1.996088 -2.733076 -2.029991 -1.594918 0.362764 -0.062263 -1.279027 -4.237692 -4.988661 -2.940743 -3.145707	-2.147995 -0.602660 -0.130780 0.991268 1.014768 -0.124411 -2.844794 2.243673 -0.660304 0.246713 1.528663 2.293184 2.829355 4.005852 4.276632 0.454196 -0.322289 -0.654667 -0.290286	1.957744 -0.708151 0.564328 0.284523 0.443073 0.956700 0.200624 0.108795 2.711799 1.774224 1.377679 -0.329556 -0.701330 -0.806617 -0.665051 2.116411 0.573792 0.369674 -1.306721
6 6 6 6 8 15 8 15 8 15 8 8 12 8 8 12 8 8 12 8 8	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	6 6 6 6 6 6 6 8 15 8 12 8 6 8 12 8 6 8 12 8 12 8 15 8	0.102090 3.554065 4.254020 5.200963 6.525049 7.349830 2.944254 7.314464 -1.996088 -2.733076 -2.029991 -1.594918 0.362764 -0.062263 -1.279027 -4.237692 -4.988661 -2.940743 -3.145707 -2.527457	-2.147995 -0.602660 -0.130780 0.991268 1.014768 -0.124411 -2.844794 2.243673 -0.660304 0.246713 1.528663 2.293184 2.829355 4.005852 4.276632 0.454196 -0.322289 -0.654667 -0.290286 -1.425024	1.957744 -0.708151 0.564328 0.284523 0.443073 0.956700 0.200624 0.108795 2.711799 1.774224 1.377679 -0.329556 -0.701330 -0.806617 -0.665051 2.116411 0.573792 0.369674 -1.306721 -2.022126
6 6 6 6 8 15 8 15 8 15 8 12 8 8 12 8 8 12 8 8 8 12 8 8 8 12 8 8 6	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	6 6 6 6 6 8 15 8 12 8 6 8 8 12 8 6 8 8 12 8 15 8 8 12 8 15 8 8	0.102090 3.554065 4.254020 5.200963 6.525049 7.349830 2.944254 7.314464 -1.996088 -2.733076 -2.029991 -1.594918 0.362764 -0.062263 -1.279027 -4.237692 -4.988661 -2.940743 -3.145707 -2.527457 -4.704788	-2.147995 -0.602660 -0.130780 0.991268 1.014768 -0.124411 -2.844794 2.243673 -0.660304 0.246713 1.528663 2.293184 2.829355 4.005852 4.276632 0.454196 -0.322289 -0.654667 -0.290286 -1.425024 -0.224828	1.957744 - 0.708151 0.564328 0.284523 0.443073 0.956700 0.200624 0.108795 2.711799 1.774224 1.377679 - 0.329556 - 0.701330 - 0.806617 - 0.665051 2.116411 0.573792 0.369674 - 1.306721 - 2.022126 - 1.275140

1	1.444482 -0.325160 0.870466	1	1.274578 -0.077976	0.795566
1	0.731658 -2.442635 2.431190	1	0.822963 -1.652223	2.601165
1	-0.658103 -1.500510 1.952609	1	-0.869276 -1.463515	2.176714
1	-0.676842 -3.259343 1.751999	1	-0.181030 -3.143310	2.280370
1	-1.482768 -2.289931 -0.888947	1	-1.180200 -2.399488 -	-0.752420
1	-0 138845 -4 036149 -0 513585	1	-0 500157 -3 847423 -	-0.021015
1	1 882550 -3 828565 -2 054357	1	1 220303 -3 909975 -	1 682652
1	0 580230 -2 038007 -2 700061	1	0.003187 -3.011782	2 575232
1	2,620114 $1,524585$ $2,772502$	1	2 121040 1 767141	2.373232
1	2.030114 - 1.324303 - 2.773302	1	2.121949 -1.707141 -	1 (00/07
1	1.524990 0.430000 -1.373807	1	1.224280 0.400273 -	1.089427
1	0.096443 - 0.573429 - 1.700229	1	-0.2/8/00 -0.53045/ -	-1.0/1824
1	4.346884 -3.055850 -0.457665	1	3.812061 -3.231911 -	0.333215
1	3./33694 -2.61/3/2 1.130294	1	3.25/461 -2.615653	1.21/305
I	2.778687 -3.644879 0.083219	1	2.216779 -3.650905	0.262360
1	4.677271 -0.777292 -1.228120	I	4.291182 -1.074411 -	1.362768
1	3.449425 0.444875 -1.081422	1	3.190303 0.269215 -	1.248211
1	3.633395 0.223021 1.448117	1	4.768723 -0.959952	1.043099
1	5.025700 -0.797690 1.199444	1	3.503235 0.219566	1.277691
1	4.739370 2.119064 0.279354	1	4.731652 1.891113 -	0.099732
1	6.555175 3.475975 0.299838	1	6.678901 3.046638 -	0.255622
1	8.052052 2.643621 -0.124329	1	8.064238 2.028854 -	0.654182
1	7.731081 3.057549 1.546043	1	7.854306 2.608126	0.984174
1	8.336489 0.176805 0.569382	1	8.130636 -0.380005	0.239236
1	7.968637 0.556247 2.236829	1	7.856811 0.159084	1.880218
1	7 025154 -0 663179 1 388500	1	6 772586 -1 021655	1 155256
1	-0 253483 4 536826 -2 607498	1	0.641660 4.812829 -	1 026332
G2		TS(b1-G3)		
6	-2.378344 -1.801866 0.430353	6	2.429539 0.941510 0.	.210167
6	-1.091824 -1.253761 -0.278937	6	1.030275 0.301768 0	0.618800
6	-0 355759 -2 423702 -0 845990	6	1 043248 -1 063520 (081657
6	0 162076 -3 381428 0 197066	ő	1 186623 -1 204482 -	1 312580
6	-0.683582 -3.379170 1.485100	ő	1 763822 -0 002168 -3	2 058470
6	-1 438406 -2 065592 1 638630	6	1 756989 1 225687 -1	1 158414
6	-0.546336 -0.922243 1.126075	6	0.408792 1.225007 -1	1.136414
6	0.196243 - 2.614011 - 2.160124	6	0.807010 2.108201 (001977
6	2 278028 0 680062 0 755108	6	2 660506 0 056774 0) 264405
6	-5.578058 -0.089905 0.755198	0) 224500
0	4.010288 1.101400 0.050050	0	4.921228 0.099130 -0	0.470510
0	-4.919288 1.101490 -0.050059	0	0.030400 -0.280317 -0	0.4/0518
6	-6.241266 1.2/2809 -0.09549/	6	7.225131 -0.280152 ().134/21
6	-7.223724 0.251335 -0.579199	6	7.691548 0.764068 1	.100690
6	-3.099/90 -2.9/4933 -0.204400	6	2.657851 2.208295 1	.021229
6	-6.864124 2.560200 0.352738	6	8.224580 -1.364925 -0	0.128652
8	2.517806 -1.374412 -2.206697	8	-1.351922 -1.349382 -2	2.239220
15	2.854928 -0.050261 -1.449439	15	-2.577006 -0.988202 -	-1.456016
8	1.723020 0.932600 -1.481482	8	-3.805201 -1.917980 -	1.682899
12	1.063236 2.114953 -0.070947	12	-4.008586 -2.545957	0.079612
8	-0.939361 2.479537 0.062035	8	-3.976904 -1.835186	1.808404
6	-0.676660 3.662452 -0.271815	15	-2.726287 -0.903501	1.700520
8	0.502308 4.026535 -0.497012	8	-3.131770 0.546248 1	1.508147
8	4.237091 0.422644 -1.932375	12	-3.241735 1.728947	0.011265
12	5.135222 0.292051 -0.254119	8	-2.270113 3.541049 -(0.003987
8	3.210961 -0.485467 0.066551	6	-3.407351 4.065829 -(0.086795
15	3.229601 0.454165 1.614089	8	-4.448852 3.366794 -0	0.119518
8	2 899788 -0 521188 2 652282	8	-2 236891 -1 442317 (0 126775
8	4 718385 0 889116 1 459527	8	-2.952135 0.480190 -1	1 424924
8	2 291933 1 601837 1 296715	8	-1 584345 -1 215448	2 582064
1	-1 215265 -0 454117 -1 006895	1	0.712944 0.348930 1	656390
1	-0.589150 -1.006192 -2.877064	1	1716986 _2 1/1//11 1	1712512
1	1 602492 -1 702532 -2 082602	1	-0.014946 -2.062634	1 588527
1	1.002172 1.102332 -2.002002	1	0.0117TO 2.0020JT .	1.200241

1	0.254310 -3.517991 -2.549036	1	0.917488	-3.156901	0.484590
1	1.172453 -3.057102 0.453334	1	0.016114	-1.270791	-1.590730
1	0.260993 -4.382570 -0.218715	1	1.525271	-2.184685	-1.638192
1	-1.384194 -4.213660 1.488044	1	2.776909	-0.239204	-2.386213
1	-0.026276 -3.519265 2.341943	1	1.176159	0.193246	-2.953800
1	-1.877966 -1.972216 2.631600	1	2.077491	2.118519	-1.691823
1	-0.876662 0.053043 1.466490	1	0.168941	2.216734	0.012012
1	0.522370 -1.011936 1.307656	1	-0.453851	0.895020	-0.978225
1	-3.910910 -3.312833 0.441602	1	3.422742	2.824082	0.551801
1	-3.532823 -2.693238 -1.162675	1	1.765570	2.819579	1.114792
1	-2.448758 -3.823902 -0.393397	1	2.995673	1.959436	2.026479
1	-4 108596 -1 093433 1 460980	1	3 494534	-0.885069	-0 257830
1	-2 878968 0 125117 1 276837	1	3 872125	-0.209131	1 304479
1	-4 756757 -0 853398 -0 903565	1	4 675559	1 094507	-1 324391
1	-3 30//86 0 108081 -1 100083	1	5 228644	1.551806	0.264620
1	A 22/24/7 1 026/15 0 228512	1	5 832076	1.110206	1 147627
1	-4.524547 1.520415 0.528512 6.117267 3.277408 0.600546	1	7 840407	2 000640	-1.14/02/
1	7565924 2 290994 1 171020	1	0 107657	-2.099040	-0.830073
1	-/.303834 2.389884 1.1/1030	1	0.46/03/	-1.865/4/	0.794321
1	-/.433//0 3.020/20 -0.430300	1	9.1508/0	-0.949841	-0.528002
1	-/.959289 0.034404 0.196914	1	/.9/604/	0.303584	2.04/596
1	-/./80104 0.633385 -1.436/09	l	8.582385	1.264026	0.718013
1	-6.761516 -0.685749 -0.872136	1	6.946253	1.524261	1.310320
1	-1.490011 4.385494 -0.368034	1	-3.493268	5.154605	-0.131624
~ ~					
G3		TS(b1-G4)			
6	2.744094 0.927336 0.204792	6	-0.511921	1.207020	0.965471
6	1.316377 0.359264 0.513132	6	-1.065399	0.668886	-0.369354
6	1.184130 -1.026945 -0.064018	6	-1.032900	-0.791350	-0.405460
6	1.549702 -1.174812 -1.344665	6	-1.059863	-1.458655	0.903544
6	2.144451 -0.010540 -2.089482	6	-1.789450	-0.640821	1.988054
6	2.161080 1.235018 -1.206272	6	-1.858476	0.827605	1.598061
6	0.785152 1.361892 -0.534042	6	-2.516630	1.014995	0.209114
6	0.734126 -2.135652 0.824278	6	-3.685106	0.123115	-0.192751
6	3.941908 -0.005429 0.322100	6	-4.984639	0.428833	0.553001
6	5.242006 0.565040 -0.246194	6	-6.021703	-0.618978	0.307884
6	6.311461 -0.474578 -0.336485	6	-7.200802	-0.489786	-0.302314
6	7.484347 -0.518957 0.297198	6	-8.115735	-1.666054	-0.457701
6	7.979928 0.516983 1.257774	6	-2.835604	2.469080	-0.102089
6	3.007352 2.197280 1.004447	6	-0.944501	-1.489056	-1.623464
6	8.431574 -1.659814 0.079940	6	-7.736175	0.785602	-0.874952
8	-1.408765 -1.624028 -1.978536	8	1.618645	-1.578653	-2.402794
15	-2.653215 -0.964384 -1.299370	15	2.760097	-1.034516	-1.599222
8	-3 907984 -1 658849 -1 855583	8	2 416887	-1 463016	-0.009733
12	-4 531835 -2 374868 -0 197818	15	2.817447	-0.832395	1 548488
8	-4 766288 -1 650596 1 502028	8	3 137834	0.632750	1 303696
15	-3 433663 -0 872770 1 727414	12	3 090334	1 779636	-0 226539
8	-3 600197 0 597125 1 400708	8	4 048836	3 568241	-0.403756
12	-3 107023 1 838308 0 036512	6	2 020137	1115268	-0.374293
8	2044252 + 2566341 + 0.218663	8	1 868000	2 / 28868	0.267101
6	2.044352 5.500541 0.218005	8	2.052768	0.467700	-0.207191
0	-5.079250 4.105005 $-0.1085074.107240$ 2.522217 0.448454	8	2.932708	1 822502	-1.022071
ð 0	-4.12/349 $5.35221/$ -0.448434	0	4.093332	-1.822303	-1./43931
8	-2.003593 -1.509904 0.220042	12	4.208082	-2.420819	0.03064/
ð	-2.013031 0.333/38 -1.33/934	8	4.115593	-1.0/09/3	1./42620
8	-2.552819 -1.511129 2.809031	8	1.658345	-1.162414	2.402424
1	0.952213 0.419970 1.537241	1	-0.785044	1.129971	-1.3129/1
1	1.456338 -2.268532 1.631490	l	-1.287462	-0.936540	-2.493396
1	-0.221253 -1.912541 1.298627	1	0.241328	-1.497488	-1.854558
1	0.651990 -3.077156 0.285279	1	-1.241563	-2.531083	-1.604045
1	-0.534647 -1.322038 -1.658184	1	0.000739	-1.519612	1.207803
1	1.538357 -2.150025 -1.819209	1	-1.415642	-2.482784	0.821997

1	3.156070 -0.271613 -2.412274	1	-2.788419 -1.045532 2.148362
1	1.584188 0.195922 -3.005041	1	-1.240288 -0.743462 2.920991
1	2.558402 2.098233 -1.739641	1	-2.241527 1.441784 2.411104
1	0.594232 2.347772 -0.125946	1	-0.335835 2.274008 0.905538
1	-0.079575 1.056545 -1.119311	1	0.369364 0.723255 1.376556
1	3.818877 2.774260 0.563528	1	-3.635039 2.824989 0.545323
1	2.142408 2.851496 1.063265	1	-1.984777 3.127758 0.041446
1	3.294994 1.944208 2.024999	1	-3.166697 2.573458 -1.134669
1	3.731565 -0.949344 -0.178267	1	-3.445337 -0.928812 -0.029957
1	4.095678 -0.252356 1.375474	1	-3.858490 0.222683 -1.266488
1	5.045826 0.954829 -1.249597	1	-5.354133 1.411813 0.274242
1	5.574717 1.413432 0.346484	1	-4.773800 0.474379 1.625200
1	6.080713 -1.302330 -1.000357	1	-5.762112 -1.607719 0.673614
1	8.036310 -2.385909 -0.626239	1	-7.692402 -2.569136 -0.025361
1	8.640750 -2.176465 1.018081	1	-8.326489 -1.858417 -1.510727
1	9.390069 -1.302946 -0.300691	1	-9.076182 -1.476511 0.023843
1	8.214317 0.059994 2.220230	1	-7.968983 0.656920 -1.932720
1	8.905463 0.964566 0.892167	1	-8.669827 1.060403 -0.382251
1	7.268062 1.316813 1.433048	1	-7.051654 1.622473 -0.783442
1	-3.066435 5.251794 -0.263690	1	2.852866 5.204126 -0.443372
C (
G4	0 491079 0 520222 0 0500(4	b1 _{pp}	2 415195 0 028567 0 047000
0	-0.4810/8 0.530332 0.950964	6	-2.415185 0.928567 -0.047099
6	-1.1/5499 0.335219 -0.41510/	6	-0.983/00 0.335008 $-0.4/519/$
0	-1.1/2043 -1.113083 $-0.7/8003$	0	-1.048814 - 1.001100 - 0.078239 1.172707 - 1.222880 - 1.220174
0	-1.200137 -2.037739 -0.411978	6	-1.1/3/0/ -1.333889 $1.3291041.802202$ 0.105616 2.147774
0	-1.8/8834 -1.408409 $1.0431321 919222 0 112426 1 595907$	6	-1.803302 -0.193010 $2.14///41.770222$ 1.101026 1.252070
0	-1.818332 0.113430 $1.3838972.522021$ 0.660126 0.214828	6	-1.7/9222 1.101020 $1.3330790.400298$ 1.107047 0.670197
0	-2.525921 0.000120 0.514858	6	-0.409288 1.197047 $0.0701870.070402 2.104500 1.082206$
6	-5.785081 -0.027950 -0.180500 5.000140 -0.174742 -0.706838	0	-0.970403 -2.104309 -1.082390 2 646016 0 044414 0 200823
6	-5.009140 0.174742 0.700858	0	-3.040010 0.044414 -0.209833
6	-7.357732 -0.324613 -0.147343	6	-6.034683 -0.352039 -0.422434
6	-8.383252 -1.350175 -0.524602	6	-7 196602 -0.313427 -0.231677
6	-2 742696 2 166363 0 379401	6	-7.625403 = 0.782620 = 1.156702
6	-1.164014 -1.545193 -2.044116	6	-2 622115 2 250986 -0 768878
6	-7 817067 1 091507 -0 306800	6	-2.022113 2.230300 -0.700070
8	1 799038 -1 901891 -2 097316	8	1 552889 -1 325104 2 314162
15	2 815053 -0 938419 -1 405018	15	2 716620 -0 954319 1 467408
8	2.865755 -1.389637 0.146880	8	3 988460 -1 846586 1 614796
15	3 408584 -0 514965 1 636439	12	4 110449 -2 474411 -0 148632
8	3 297246 0 934423 1 207103	8	3 963081 -1 781146 -1 881231
12	2.567271 1.952491 -0.233958	15	2.680435 -0.906140 -1.701540
8	3.210862 3.800540 -0.805271	8	3.022632 0.567083 -1.568689
6	2.043780 4.203961 -0.585360	12	3.171131 1.761835 -0.084297
8	1.150111 3.418622 -0.180311	8	2.048487 3.492738 -0.035481
8	2.424393 0.502930 -1.538952	6	3.141387 4.110265 -0.042768
8	4.226743 -1.350196 -1.857908	8	4.237085 3.500294 -0.069512
12	4.894490 -1.846889 -0.140728	8	2.303454 -1.437835 -0.112017
8	4.880085 -1.017006 1.526428	8	3.066634 0.521243 1.373563
8	2.573801 -1.046924 2.712551	8	1.506902 -1.279712 -2.523357
1	-0.898135 0.974305 -1.252148	1	-0.654282 0.478892 -1.500034
1	-1.151899 -0.848199 -2.871504	1	-1.664044 -1.872066 -1.893116
1	0.853523 -1.673572 -1.976419	1	0.019436 -2.004850 -1.574041
1	-1.254291 -2.597129 -2.281880	1	-1.139515 -3.102522 -0.695111
1	-0.162916 -2.257894 0.671475	1	-0.078243 -1.407044 1.624139
1	-1.655199 -2.990085 0.145651	1	-1.580086 -2.321699 1.531506
1	-2.914821 -1.737245 1.719733	1	-2.823896 -0.468580 2.416671
1	-1.372316 -1.755368 2.542421	1	-1.246622 -0.069385 3.073594

]	-2.095022	0.559866	2.540309	1	-2.122495	1.945226	1.947837
1	-0.238612	1.571194	1.134961	1	-0.159538	2.190699	0.319077
]	0.385414	-0.083634	1.187320	1	0.435912	0.789860	1.217134
]	-3.446023	2.424144	1.169937	1	-3.397920	2.830059	-0.271377
1	-1.825744	2.718491	0.565038	1	-1.727618	2.865287	-0.795507
1	-3.153473	2.526694	-0.564017	1	-2.937455	2.077224	-1.796696
]	-3.616101	-1.097806	-0.305037	1	-3.488554	-0.932466	0.250457
1	-4.011021	0.340024	-1.190401	1	-3.811080	-0.148867	-1.272085
1	-5.299527	1.222118	0.714192	1	-4.709004	0.974639	1.408637
1	-4.737145	-0.070649	1.737667	1	-5.211379	1.530897	-0.165870
1	-5.956414	-1.758516	0.351210	1	-5.856529	-1.211950	1.060806
1	-8.011424	-2.362940	-0.390180	1	-7.854382	-2.184859	0.609417
1	-8.685680	-1.234057	-1.566677	1	-8.424101	-1.879046	-1.032514
1	-9.286510	-1.237189	0.077301	1	-9.145890	-1.021274	0.311206
1	-8.138769	1.272401	-1.333448	1	-7.869563	0.374852	-2.138441
1	-8.682238	1.285610	0.329124	1	-8.532797	1.259924	-0.784089
1	-7.052862	1.822151	-0.063077	1	-6.874792	1.554125	-1.293675
1	1.798732	5.255963	-0.748835	1	3.139309	5.203327	-0.025251

Coordinates of Optimized Geometries of different Conformers of Intermediates and Transition states at the mPW1K/6-31+G** level of theory

a ₁		a ₂			
6	0.650269 -1.509503 0.078	096 6	0.976900	-1.633422	0.079674
6	2.542872 1.447491 -0.090	845 6	1.897348	1.765393	-0.046497
6	2.717846 0.354206 -1.105	161 6	2.080993	0.861002	-1.230933
6	2.944415 -1.009413 -0.484	460 6	2.818627	-0.419612	-0.898733
6	1.955845 -1.304902 0.701	433 6	2.291837	-1.096033	0.419529
6	2.087898 -0.205706 1.748	912 6	2.388572	-0.098860	1.568400
6	2.261055 1.170696 1.181	572 6	2.041503	1.310928	1.197410
1	2.167522 1.984351 1.888	664 1	1.925937	1.997822	2.025411
6	2.704786 2.843687 -0.595	328 6	1.548977	3.185139	-0.350456
1	2.507797 3.577818 0.180	343 1	1.377376	3.760010	0.554785
1	3.717048 3.004277 -0.966	197 1	2.349061	3.666443	-0.912817
1	2.030294 3.039339 -1.429	639 1	0.651418	3.244508	-0.967054
1	3.575221 0.586947 -1.737	700 1	2.646318	1.388765	-1.999974
1	1.860592 0.345236 -1.787	116 1	1.108000	0.654648	-1.689706
1	2.910861 -1.799752 -1.230	1 1	2.804250	-1.118342	-1.732061
1	3.929037 -1.047819 -0.021	420 1	3.862838	-0.200779	-0.681829
1	2.269049 -2.271542 1.102	382 1	2.949404	-1.952277	0.584948
1	1.234917 -0.224259 2.429	435 1	1.772408	-0.425721	2.407788
1	2.948950 -0.451040 2.373	398 1	3.413033	-0.132701	1.943924
6	0.395229 -2.770391 -0.615	i967 6	0.908874	-2.861999	-0.710847
1	1.243656 -3.444213 -0.631	143 1	0.399857	-3.614152	-0.098130
1	-0.444028 -3.256423 -0.106	636 1	0.254988	-2.726148	-1.573451
1	0.025534 -2.580057 -1.624	913 1	1.877668	-3.243596	-1.011136
6	-0.390872 -0.498713 0.149	6 6	-0.246203	-0.982757	0.518432
1	0.083071 0.488790 0.112	547 1	-0.083862	0.100068	0.543670
1	-0.681507 -0.548473 1.216	151 1	-0.246234	-1.223453	1.598794
6	-1.625644 -0.609673 -0.734	4734 6	-1.580065	-1.370400	-0.108395
1	-1.310505 -0.614720 -1.781	365 1	-1.553753	-1.147906	-1.173473
1	-2.134962 -1.553926 -0.557	7431 1	-1.734354	-2.447100	-0.015809
6	-2.546933 0.546714 -0.506	6355 6	-2.708242	-0.652823	0.562127
1	-2.142515 1.513057 -0.786	1 1	-2.858422	-0.913644	1.604119
6	-3.790460 0.511531 -0.023	6 6	-3.542055	0.237889	0.021279
6	-4.582773 1.773151 0.119	752 6	-4.638488	0.843034	0.840663

1	-4.022326 2.647551 -0.	198636	1	-4.640125	0.471845	1.861544
1	-4.890424 1.919951 1.	155011	1	-5.610358	0.625874	0.397637
1	-5.495991 1.719263 -0.	472855	1	-4.543457	1.928485	0.869533
6	-4.519498 -0.724980 0.	398233	6	-3.502083	0.707496	-1.398384
1	-4.856652 -0.628618 1.	430066	1	-4.431431	0.446693	-1.904484
1	-5.415506 -0.855347 -0.	208340	1	-3.426880	1.794188	-1.432033
1	-3.933345 -1.635566 0.	321539	1	-2.682652	0.296615	-1.979814
83			a 4			
6	-0.677199 1.477035 -0.1	37695	6	-0.475106	1.240178	-0.048177
6	-2.522897 -1.451981 -0.	256323	6	-2.917557	-1.185588	-0.321705
6	-3 227782 -0 141426 -0	459821	6	-3 224562	0 198478	-0.817557
6	-2.936302 0.870320 0	632133	6	-2.929318	1 281095	0 203995
6	-1 419938 0 907272 0	993944	ő	-1 565207	1.040722	0.916395
6	-0.993192 -0.470426 1	476439	6	-1 616069	-0.299631	1 633708
6	-1 531536 -1 579664 0	625059	6	-2 204873	-1 386523	0.786341
1	-1.073030 -2.550484 = 0.	763107	1	-2.204075	-2 400030	1 1260/0
6	-1.075959 -2.550464 0.	088254	6	2.038287	2 200282	1.120949
0	-3.009074 -2.392724 -1.	000234	0	-3.470390	-2.309282	-1.155051
1	-2.421448 -3.491034 -0.	923083	1	-5.108240	-3.2/034/	-0./43889
1	-4.050189 -2.820538 -0.	150090	1	-4.559/05	-2.2/4345	-1.150903
1	-2.966//1 -2.34804/ -2.	150080	1	-3.138641	-2.2418/5	-2.1/1643
l	-4.304046 -0.315891 -0.	491250	1	-4.280169	0.255027	-1.086453
l	-2.9/8485 0.255398 -1.	449668	1	-2.686766	0.376261	-1.754956
1	-3.304599 1.859178 0.	370125	1	-2.976766	2.272160	-0.240372
1	-3.439392 0.577007 1.	551468	1	-3.673854	1.253773	0.997139
1	-1.329744 1.649067 1.	796241	1	-1.458074	1.865034	1.632647
1	0.092843 -0.541881 1.	539402	1	-0.628112	-0.594013	1.987310
1	-1.343651 -0.586046 2.	504257	1	-2.210946	-0.169419	2.540138
6	-0.984531 2.848573 -0.	556486	6	-0.353044	2.544402	-0.707892
1	-1.464991 3.446862 0.	210540	1	-0.825363	3.358290	-0.167552
1	-0.112768 3.355092 -0.	964003	1	0.678430	2.780403	-0.956688
1	-1.686393 2.752478 -1.	394690	1	-0.872527	2.438621	-1.669111
6	0.371686 0.770233 -0.	831233	6	0.515229	0.233721	-0.340391
1	0.447915 1.070125 -1.	874237	1	0.941380	0.348852	-1.333182
1	0.288988 -0.305899 -0.	737710	1	0.149469	-0.775134	-0.182764
6	1.726365 1.242856 -0.	129076	6	1.705085	0.505319	0.693359
1	1.851910 2.304213 -0.	336173	1	2.124325	1.487004	0.495368
1	1.653392 1.122468 0.9	947665	1	1.303308	0.514821	1.704201
6	2.853117 0.459823 -0.	700086	6	2.714019	-0.579324	0.553652
1	3.048185 0.639948 -1.	750442	1	2.443288	-1.521319	1.013868
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6	4.765821 -1.078107 -0.	772347	6	4.826593	-1.663865	-0.075497
1	4.821469 -0.783035 -1.	815928	1	4.412319	-2.522496	0.444477
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1	5.716638 -0.837895 -0.	297138	1	5.056598	-1.958539	-1.099467
6	3 512522 -0 784434 1	387409	6	4 415664	0 721623	-0 763298
1	3 379663 -1 862054 1	481842	1	5 347043	1 050135	-0.302771
1	4 433158 -0 540284 1	916871	1	4 652421	0 481714	-1 799714
1	2 693693 -0 297250 1	907357	1	3 729204	1 562678	-0 763219
1	2.075075 0.277250 1.	01551	1	5.729201	1.502070	0.705217
9-			9.			
45 6	0 483006 _1 525454	0 217913	46 6	0 730002	-1 738882	0 120372
6	2.402000 - 1.223434	0.217919	6	2 122555	1 558061	_0.750850
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6	3 000801 1 140065	0.940/95	6	2.333000	0.701209	0/12660
6	3.000074 - 1.140003 1 740174 1 126000	0.003737	6	J.043032	0.076404	0.413009
0	1.740174 - 1.120000 1.722692 - 0.142460	0.00/033	6	1.000001	0.20/0404	0.702040
0 C	1.722003 0.143400	1./1/424	6	1.109/90	0.204230	1.034494
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1	1.802000 2.308904	1.342333	1	0.721387	2.303274	1.038633

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6	2.907162 2.569295 -1.086119	6	2.253568	2.785564	-1.100141
1	2.534947 3.456446 -0.582212	1	1.557919	3.561151	-0.793338
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1	2 428467 -0 135396 -1 837723	1	2 674415	0.015940	-1 615373
1	2.426467 - 0.135576 - 1.657725 2.117201 - 2.087443 - 0.520112	1	2.074413	1 501106	0.020275
1	5.11/591 - 2.00/445 - 0.550112	1	2 658600	-1.391100	0.029273
1	5.840130 -1.082709 0.088074	1	5.058009	1 752040	1.243401
1	1.782916 -1.991614 1.564703	1	1./54/9/	-1./53940	1.//1328
1	0.770559 0.281026 2.224455	1	0.062285	0.179808	1.927410
1	2.457990 0.028562 2.515682	1	1.639205	0.423144	2.598714
6	0.522372 -2.369556 -0.981848	6	1.260417	-2.585060	-0.946015
1	1.088484 -3.275755 -0.749364	1	1.939131	-3.316697	-0.496921
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1	-1 554176 -1 930669 0 554564	1	-1 136072	-2 704819	0 113641
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1	-1.320502 -0.122711 -1.126527	1	-1.012577	-1.067002	-1.722870
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0	-2.505550 $0.004/50$ $0.40/2512.507145$ 1.121479 1.411915	0	-2.730200	1 526097	-0.378141
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6	-3./66983 0.4536/2 -0.099208	6	-3.4/1651	0.3/6033	-0.102656
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1	-5.713491 0.252733 0.760253	1	-5.406905	1.093577	-0.653545
1	-5.469816 1.743364 -0.120941	1	-5.323877	0.429104	0.961779
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6	-0.892504 -1.668633 -0.066426	6	-0.241111	-1.453742	0.045094
6	-1.677919 1.785278 -0.019890	6	-2.553185	1.189876	-0.073481
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1	-0.1/0125 5.508255 $0.00/2/5$	1	-1.940370	3.190199	-0.31/8/1
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1	-0.231911 0.847598 1.233671	1	-0.669855	1.26//20	0.929425
1	-1./10/1/ -0.82/591 2.250151	1	-1.013838	-0.631481	2.433691
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6	2.198535	-0.705448	0.199446	6	2.058982	0.623074	-0.703308
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6	3.129301	0.248518	0.109000	6	3.206865	0.696734	-0.022519
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1	3.288733	0.435641	2.252671	1	2.807789	2.712378	0.631862
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1	4.794167	0.690988	1.373129	1	3.753557	1.743687	1.766666
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1	3.237723	0.374992	-2.063040	1	3.935560	-1.315598	-0.431196
a 9	0.022225	0 (1055 (0.240505	a ₁₀	0 107090	0 7771((0 101475
6	-0.033235	0.640556	-0.240505	6	-0.10/080	0.///166	-0.1214/5
6	-3.355687	-0.453857	-0.121342	6	-3.256058	-0.707164	-0.2008/8
6	-3.008/02	0.904154	-0.659027	6	-2.954586	0.466406	-1.08/969
6	-2.13/042	1./13438	0.280/0/	6	-2.3/34/2	1.648970	-0.33/360
6	-0.956003	0.8/3662	0.8/5035	6	-1.261347	1.214214	0.6/1161
6	-1.52463/	-0.34294/	1.59/111	6	-1.854234	0.224532	1.66450/
6	-2.6/9499	-0.988/18	0.894050	6	-2./58185	-0./89//4	1.032260
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1	-4.652271	-2.14/185	-0.377526	1	-4.2//511	-2.593819	-0.099965
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1	-3.928100	1.462300	-0.839961	1	-3.8/3/1/	0.787903	-1.5/9440
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1	-2./1/3/3	2.021915	1.148925	1	-3.143308	2.110150	0.2/8303
1	-0.44/005	1.541949	1.3/4422	1	-0.949143	2.133944	1.1/2841
1	-0./4389/	-1.082073	1.780939	1	-1.008927	-0.2/83/8	2.220327
1	-1.639042	-0.010008	2.390047	1	-2.409133	0.797770	2.410130
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1	1 852060	2.004443	-0.102492	1	0.529985	2.791490	-0.751000
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1	0.120039	-0.571076	-1.035065	1	0.851310	-0.835623	-1.079/31
1	0.730313	1 20/022	-1.955005	1	0.001019	1 202/2/	0 120426
6	1 407524	-1.224952	-0.093091	6	1 521267	-0.608382	0.083807
1	1 330026	-1.262000	0.88/808	1	1.021207	-0.424168	1 9/5950
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6	2 600101	-0.822042	-0.710060	6	2 772955	0.061500	0.730144
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6	3 718267	-0.303757	-0.015581	6	3 801797	-0 344187	-0.029256
6	4 999647	0.056524	-0.695864	6	5.040518	0.483084	-0.141533
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6	3 712466	-0 081173	1 462650	6	3 874789	-1 674576	-0 797760
1	4 426801	-0 753267	1 938619	1	3 978486	-1 425398	-1 858450
1	4 044373	0 930314	1 694310	1	4 667831	-2 235519	-0 476998
1	2 748367	-0 241705	1 935084	1	2 923042	-2 220222	-0 691140
	2., 10507		1., 5500 r	1	2.723012		5.571110

6	-2.342466 1.188931 -1.009202	6	-3.005450 0.168258 -0.799586
6	-1.678865 1.784927 -0.020010	6	-2.553065 1.190045 -0.073590
6	-1.310880 1.041081 1.230294	6	-1.700450 0.965089 1.141841
6	-2.104759 -0.235271 1.426554	6	-1.756472 -0.458657 1.658361
6	-2.221339 -1.095463 0.112285	6	-1.628420 -1.515648 0.506129
6	-2.799238 -0.237305 -1.008591	6	-2.734435 -1.278165 -0.514647
6	-1 253316 3 214757 -0 083436	6	-2 860579 2 612593 -0 407691
6	-0.892075 -1.668440 -0.066308	6	-0 241443 -1 453780 0 045088
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6	1 534460 -1 434780 -0 926077	6	1 558976 -0 512139 -1 542201
6	2 198853 -0 704672 0 199621	6	2 058996 0 622900 -0 702867
6	3 130005 0 248904 0 109114	6	3 207117 0 696670 -0 022490
6	3 600511 0 780016 1 167706	6	4 222027 0 280267 0 050124
6	0.5/3016 2.850225 0.712205	0	4.233927 -0.389307 0.030134
6	-0.545710 -2.657525 0.712575	0	0.808203 - 1.993933 - 0.899040 2.576202 - 1.049171 - 0.711100
0	3.77737 0.834209 1.343388	0	2 (20012 0 2(95(1 1 (52050
1	-2.008013 1.703791 -1.880400	1	-3.039913 0.308301 -1.032939
1	-1.503142 $3.66/440$ -1.038504	1	-3.429890 2.696306 -1.328766
1	-1./33884 3./95169 0./04106	1	-3.436199 3.079726 0.391356
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1	-3.139217 0.002594 1.669759	1	-2.732633 -0.657181 2.097437
1	-2.897140 -1.914584 0.363148	1	-1.745029 -2.487241 0.992838
1	-2.592796 -0.695740 -1.977487	1	-2.518210 -1.807935 -1.443893
1	-3.886073 -0.268446 -0.910978	1	-3.641115 -1.748856 -0.129751
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1	-0.456451 -3.682659 -0.006623	1	1.500689 -1.173831 1.124813
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1	-0.154046 -0.052202 -1.169031	1	-0.588502 -0.047976 -1.446914
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1	5.258408 0.575572 -2.002952	1	5.550540 -1.515180 -0.452488
a ₁₃		a ₁₄	
6	-0.121686 1.212955 -0.109860	6	-0.451090 1.569334 -0.124300
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6	-2.684801 -0.142518 1.254648	6	-3.042950 -0.058970 -0.435249
6	-1.214257 -0.485183 1.454479	6	-2.710321 1.031509 0.560274
6	-0.404334 -0.175056 0.203980	6	-1.200294 1.036700 1.005424
6	-0.899815 -1.063535 -0.940655	6	-0.796914 -0.349412 1.506303
6	-2 390277 -0 954914 -1 068197	6	-1 448104 -1 490451 0 792292
1	-2 811831 -1 271685 -2 013079	1	-1 058582 -2 471164 1 032568
6	-4 680958 -0 424608 -0 288854	6	-3 040477 -2 576861 -0 767552
1	-4 978239 -0 679315 -1 301866	1	-2 519818 -3 493789 -0 507352
1	-5 203764 -1 090837 0 397321	1	-4 090041 -2 693957 -0 497700
1	-5.032071 = 0.585350 = 0.075124	1	-3 005930 -2 460684 -1 851365
1	-3.274522 -0.653316 -0.075124	1	_4 129341 _0 153287 _0 A72864
1	_2 873992 0 021122 1 122808	1 1	-7.750398 0.217551 -1.452545
1	-0.816382 - 0.000757 - 2.342006	1 1	-2.130370 0.217331 $-1.432303-2.011001$ -2.011520 0.106516
1	-0.010302 - 0.000737 - 2.342740 -1.110402 - 1.555200 - 1.620440	1	-3.011991 2.011330 0.190310 -3.240363 0.857615 1.400120
1	-1.117402 -1.333270 1.030449	1	-5.247505 0.05/015 1.490128 1.146141 1.772404 1.000002
1	0.003070 -0.440140 0.331093	1	-1.140141 1.//2494 1.009803

1	-0.420351 -0.817420 -1.883736	1	0.288539 -0.457200 1.462172
1	-0.606197 -2.092626 -0.726860	1	-1.046059 -0.391455 2.568634
6	-0.366014 2.291375 0.852992	6	-0.316021 3.024048 -0.232190
1	-0.391583 1.965091 1.886541	1	-1.133297 3.553866 0.250038
1	0.305359 3.134336 0.718477	1	0.585511 3.273781 0.343149
1	-1.375436 2.652699 0.615214	1	-0.155690 3.374817 -1.246647
6	0.598139 1.568690 -1.324086	6	0.166244 0.727228 -1.138718
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1	0 339015 0 956538 -2 179772	1	-0.039360 -0.323826 -0.970141
6	2 145214 1 369760 -1 028601	6	1 710372 0 965020 -1 268716
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6	2 570577 -0 046557 -0 933416	6	2 477160 0 556725 -0 057541
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6	2 6 2 2 6 2 2 0 6 0 5 2 8 0 0 0 0 6 6 2	0	2.022459 0.770047 1.257105
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l	4.703623 -2.123782 0.130479	l	3.695455 -1./34080 1./96/46
6	3.472790 0.005250 1.417164	6	3.4339/6 -1.583398 -0.962114
1	3.132082 -0.615781 2.244919	1	4.487342 -1.641735 -1.235477
1	4.552636 0.101213 1.532487	1	3.163791 -2.562234 -0.566642
1	3.043046 0.995518 1.532281	1	2.862035 -1.420449 -1.869622
a ₁₅		a ₁₆	
6	-0.064297 0.758896 0.021124	6	-0.120750 1.015136 0.132976
6	-3.308151 -0.602121 -0.138270	6	-3.102379 -0.823192 -0.182925
6	-3.044030 0.738676 -0.757777	6	-2.931962 0.499499 -0.873141
6	-2.306964 1.699878 0.151565	6	-2.468399 1.605071 0.054524
6	-1.149460 1.018457 0.965604	6	-1.297516 1.148630 0.993951
6	-1.704549 -0.166942 1.744900	6	-1.748525 -0.065650 1.795689
6	-2.698756 -0.984301 0.983391	6	-2.561360 -1.052390 1.013245
1	-2.939825 -1.950216 1.407555	1	-2.728386 -2.008311 1.492028
6	-4.293097 -1.468680 -0.851792	6	-3.907950 -1.847362 -0.912351
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1	-5.275909 -0.998014 -0.874516	1	-4.932811 -1.503357 -1.051146
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1	-3.996326 1.198554 -1.027714	1	-3.884016 0.799153 -1.312642
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1	-2 981888 2 069452 0 921500	1	-3 270631 1 873724 0 739654
1	-0.787051 + 1.792733 + 1.645111	1	-1 104218 2 001361 1 649503
1	-0.887974 -0.797754 2.100759	1	-0.890148 -0.563631 2.249632
1	-2 168039 0 229546 2 650717	1	-2 336877 0 299531 2 639556
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1	0.512624 2.810085 0.060001	1	0.036470 - 2.145180 - 0.026081
1	0.313034 2.819983 $0.0009011 775071 1 567701 0 200627$	1	1546771 2204175 0.101501
1	1.77371 1.307731 $0.2030271.104942$ 1.970452 1.256156	1	0.700054 2.105202 1.406064
I C	1.104845 $1.8/9452$ -1.550150	I C	0.709034 2.193203 -1.400004
0	0.133890 - 0.333009 - 0.023818 0.543209 - 0.452404 - 1.402627	0	0.391417 - 0.292944 - 0.241123
1	-0.342300 -0.433494 -1.49303/	1	-0.476763 -0.930314 -0.444332
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6	2.533702 -0.965297 0.003349	6	2.834810 0.135139 -0.874857
1	2.227476 -1.583861 0.840834	1	3.127266 1.068214 -1.340460
6	3.753172 -0.419789 0.055459	6	3.711397 -0.440645 -0.047096
6	4.640493 -0.655765 1.237772	6	5.028905 0.202743 0.248514
1	4 158738 -1 264197 1 997908	1	5 140160 1 158701 -0 255561

1	4.944275	0.287833	1.691167	1	5.846586	-0.444626	-0.068040
1	5.555963	-1.160525	0.929505	1	5.153962	0.360656	1.319828
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1	4.740559	1.352893	-0.620395	1	4.309541	-2.435758	0.404087
1	5.236789	-0.105129	-1.438008	1	3.478286	-1.636630	1.712192
1	3.702385	0.632591	-1.852433	1	2.565768	-2.249604	0.331002
a ₁₇				a ₁₈			
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6	-2.356833	1.228588	-0.078781	6	-2.504359	1.196116	0.088730
6	-1.650235	0.962113	1.218309	6	-2.006083	0.587714	1.367538
6	-1.718231	-0.481323	1.682535	6	-2.059454	-0.928399	1.394256
6	-1.617431	-1.492397	0.504167	6	-1.670584	-1.564749	0.026956
6	-2.732322	-1.212535	-0.489953	6	-2.596140	-1.031638	-1.054006
6	-2.840635	0.240180	-0.831923	6	-2.761673	0.454060	-0.989065
1	-3.373675	0.485462	-1.741166	1	-3.147898	0.935874	-1.877714
6	-2.500643	2.666831	-0.456240	6	-2.703063	2.676648	0.107781
1	-2.972301	2.783400	-1.427537	1	-3.000958	3.056236	-0.865221
1	-3.103832	3.199283	0.279211	1	-3.472653	2.951681	0.829086
1	-1.531238	3.165918	-0.485224	1	-1.792008	3.193510	0.412516
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1	-0.613669	1.301792	1.144353	1	-0.994396	0.950393	1.572351
1	-0.968113	-0.683061	2.443631	1	-1.452077	-1.327065	2.203270
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1	-2.608350	-1.812680	-1.391611	1	-2.255001	-1.338520	-2.042925
1	-3.666446	-1.563453	-0.045700	1	-3.565324	-1.519427	-0.928315
6	0.796944	-2.127896	0.808988	6	0.676799	-2.252362	0.616921
1	0.476403	-2.380524	1.812641	1	0.202524	-2.717060	1.473431
1	1.228749	-3.006165	0.323521	1	1.124467	-3.029706	-0.009980
1	1.634611	-1.410438	0.816104	1	1.526770	-1.622448	0.908457
6	0.118691	-1.145162	-1.378823	6	0.379567	-0.676607	-1.276016
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1	0.723996	-1.913539	-1.860670	1	1.238834	-1.202717	-1.687856
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1	0.539511	0.910083	-0.716503	1	0.103618	1.296417	-0.394581
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1	4.825432	-0.044553	1.183013	1	4.965006	1.396154	1.169025
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6	2.668247	1.662944	0.840179	6	3.956549	0.413371	-1.228963
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1	3.191936	2.587035	0.594901	1	4.562104	-0.491594	-1.280328
1	1.604950	1.855887	0.744580	1	3.248120	0.394065	-2.051199

a5-b	
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6	-1.509478	-0.714864	1.222351
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1	-0.690147	-1.429720	1.258228
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1	-2.696391	-2.310968	0.225866
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1	-4.911561	-0.395976	-1.711811
1	-5.736501	-0.636837	-0.187535
6	-3.478934	1.023512	0.309066
1	-3.699607	1.211212	1.362351
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6	-2.069341	1.511542	-0.012954
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1	-1.934006	1.416994	-1.092398
6	-0.992634	0.663703	0.781602
1	-0.705657	1.260399	1.645875
6	0.065129	0.707059	-0.217314
6	0.308569	-0.398615	-1.134571
1	0.566122	-0.047568	-2.131188
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6	0.930071	1.875439	-0.298421
1	0.690941	2.659052	0.410979
1	0.993866	2.263103	-1.314204
1	1.945761	1.481173	-0.105477
6	1.553983	-1.205322	-0.584242
1	1.490129	-2.151105	-1.122337
1	1.415204	-1.442986	0.466482
6	2.867769	-0.568631	-0.851892
6	3.835221	-0.291963	0.034988
1	3.077359	-0.372195	-1.897629
6	5.146984	0.259194	-0.425275
1	5.365112	1.205986	0.068799
1	5.955484	-0.421617	-0.159141
1	5.174575	0.414240	-1.499817
6	3.742594	-0.531183	1.508070
1	2.755637	-0.825508	1.851215
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1	4.044028	0.360476	2.056760

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6	1.417303	0.451763	-0.311923
6	2.647978	1.313263	-0.577404
6	3.878780	0.464137	-0.642069
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6	0.187402	1.111699	0.081611
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6	-4.397158	-0.571463	-0.160546
6	-5.523562	-0.975536	-1.059113
6	5.210231	-1.598144	-0.301748
6	0.184336	2.234148	1.016839
6	-4.349597	-1.310256	1.139247
1	4.736255	0.911908	-1.125474
1	5.982328	-1.072220	-0.855363
1	5.609719	-1.857309	0.678666
1	5.002194	-2.536032	-0.817222
1	3.171629	-1.931336	1.429141
1	2.421843	-2.242201	-0.111214
1	0.822247	-1.041760	1.222703
1	2.021896	0.134631	1.756960
1	2.513881	1.833062	-1.526577
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6	2.046122	0.536515	-1.273765
6	3.216154	-0.390042	-1.156975
6	3.634731	-0.935963	-0.017230
6	2.966707	-0.635549	1.292031
6	2.016390	0.549038	1.239677
6	4.784622	-1.886573	0.043633
6	0.101628	1.413536	0.129278
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6	-3.430641	-1.969199	-0.767147
6	-5.399443	-1.076879	0.519863
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1	2.576182	1.481144	1.177518
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6	4.008190	-0.560865	-0.224712
6	3.288184	-0.840329	1.061016
6	2.110907	0.085278	1.319230
6	5.331495	-1.233320	-0.387334
6	0.058723	0.867019	0.403763
6	-0.041021	2.328068	0.427541
6	-1.096482	0.066934	0.750111
6	-1.957197	-0.020594	-0.584789
6	-3.123178	-0.917449	-0.353021
6	-4.395190	-0.543754	-0.180904
6	-4.881471	0.869378	-0.161700
6	-5.464822	-1.573733	-0.004794
1	4.044604	0.415912	-2.067609
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1	5.233227	-2.314047	-0.281978
1	3.982984	-0.733369	1.896158
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1	1.504550	-0.295564	2.139095
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1	1.646778	0.847840	-2.026799
1	2.272614	1.954977	-0.828847
1	0.864325	2.775911	0.836194
1	-0.080390	2.672102	-0.612376
1	-0.916924	2.689244	0.954002
1	-1.720244	0.530022	1.508425
1	-0.828362	-0.948350	1.030603
1	-2.262266	0.979455	-0.878221
1	-1.327652	-0.424217	-1.376441
1	-2.892492	-1.975428	-0.336053
1	-5.069255	-2.584822	-0.028667
1	-6.215517	-1.481172	-0.789368
1	-5.983078	-1.428219	0.943052
1	-5.599649	1.029250	-0.965653
1	-5.412149	1.067960	0.769174
1	-4.096155	1.612014	-0.263813
1	1.057633	-0.815760	-0.317584

1	-4.066351	-2.2736	507	-1.598	325
1	-2.437545	-1.7762	789	-1.160	867
1	0.692767	-0.5811	68	-0.0128	340
a2exo4					
6	-2.	205166	0.8	340600	-1.020151
6	-1.	285593	0.1	185341	0.001756
6	-2.	043699	0.0)69894	1.370247
6	-3.	399774	-0.3	525359	1.136670
6	-4.	014324	-0.0	509164	-0.039857
6	-3.	390396	-0.0	067802	-1.292657
6	-0.	054736	0.8	379276	0.350310
6	1.	112950	0.1	14620	0.730784
6	1.9	973149	-0.0)31984	-0.600057
6	3.	133241	-0.9	926655	-0.333063
6	4.4	402062	-0.5	551099	-0.142125
6	5.4	467677	-1.5	578380	0.069635
6	-5.	353737	-1.2	249517	-0.195693
6	0.0	027729	2.3	37833	0.262795
6	4.3	886907	0.8	362545	-0.133422
1	-3.	880510	-0.9	915784	2.024349
1	-5.	715787	-1.0	664200	0.740424
1	-6.	086258	-0.3	527522	-0.556179
1	-5.	313084	-2.0	052921	-0.931329
1	-4.	141913	0.4	483511	-1.858135
1	-3.	094195	-0.9	900788	-1.935526
1	-1.	667390	1.0)42813	-1.946109
1	-2.	564158	1.7	795700	-0.636078
1	-1.	477091	-0.3	558716	2.055616
1	-2.	133629	1.()52025	1.839694
1	0.9	909295	2.7	50746	0.739175
1	0.0	036927	2.5	599037	-0.802001
1	-0.	876344	2.8	304506	0.652688
1	1.'	733621	0.6	527324	1.459510
1	0.3	860555	-0.8	387082	1.068107
1	1.	342448	-0.4	463358	-1.375918
1	2.2	282707	0.9	954614	-0.931899
1	2.9	900937	-1.9	983907	-0.303418
1	5.0	072105	-2.5	589613	0.053320
1	5.	968093	-1.4	419002	1.024811
1	6.2	232995	-1.4	497561	-0.701996
1	5	395835	1.0	075763	0.806360
1	5.0	623233	1.0	011435	-0.922907
1	4.	103095	1.6	602324	-0.264460

-1.049224 -0.840235 -0.289126

a_{2exo6}			
6	1.249815	0.803581	-0.362180
6	2.583301	1.390819	0.070899
6	3 666246	0 361807	-0.030718
6	3 456375	-0.950764	-0.103011
6	2 074430	-1 532380	-0.050721
6	2.074430	-1.552580	-0.050721
0	1.011072	-0.349979	0.415051
6	4.569150	-1.935913	-0.248214
6	0.029514	1.523616	-0.064586
6	-0.062745	2.373157	1.122704
6	-1.097360	1.405328	-0.990860
6	-2.523990	1.367666	-0.430590
6	-2.763186	0.165747	0.426073
6	-3.526844	-0.893593	0.144169
6	-4 296337	-1 085182	-1 123677
6	-3 687381	-2 000326	1 138653
1	4 679340	0.738503	-0.059647
1	5 5 2 2 4 1 0	1 442664	0.226505
1	3.333410	-1.442004	-0.520505
1	4.601059	-2.6145/2	0.604041
l	4.429535	-2.550627	-1.13//80
1	2.062502	-2.377322	0.640557
1	1.811034	-1.945068	-1.027201
1	0.015760	-0.953984	0.238656
1	1.116352	-0.352819	1.478644
1	2.823796	2.237878	-0.573261
1	2.533048	1.784186	1.088039
1	0.482102	1.950497	1.964067
1	0.472805	3 297749	0.871783
1	-1.075861	2 627984	1 405203
1	-0.922121	0.587522	-1.687561
1	0.065700	0.307322	1 5 9 5 0 1 5
1	-0.903709	2.329109	-1.383013
1	-2./31/33	2.281307	0.120415
1	-3.195263	1.386943	-1.283/9/
I	-2.275917	0.180239	1.396/17
1	-3.118356	-1.823695	2.047405
1	-3.372814	-2.952643	0.711710
1	-4.735971	-2.114646	1.412849
1	-4.023923	-2.032500	-1.588290
1	-5.362637	-1.144069	-0.906240
1	-4.149028	-0.298627	-1.856382
1	1 272637	0 539699	-1 420364
-			
a _{2exo8}			
6	1.012138	-0.358085	-0.094269
6	1.273175	1.065731	0.383636
6	2.697178	1.454612	0.134612
6	3 686544	0 595494	-0.098937
6	3 456564	-0.886781	-0.102230
6	2 119989	-1 299670	0.491176
6	5 084826	1 027208	0.491170
6	0.00+020	1.05/570	0.210510
0	-0.223233	-1.00/299	0.516519
0	-0.813644	-0.810835	1.029313
6	-0.942246	-1.838012	-0.634018
6	-2.016988	-0.895246	-1.325664
6	-3.195918	-0.590274	-0.479077
6	-3.661696	0.619850	-0.133955
6	-3.028747	1.920283	-0.512361
6	-4.930781	0.747385	0.646516
1	2.907215	2.515550	0.139802

a2exo7			
6	1.280627	-0.729966	0.280952
6	2.325367	-1.408968	-0.598447
6	3.631485	-0.683721	-0.506568
6	3.775669	0.564250	-0.066383
6	2.597460	1.390847	0.356368
6	1.257981	0.806272	-0.058590
6	5.108744	1.226810	0.049076
6	-0.111256	-1.101027	0.119154
6	-0.720431	-1.281684	-1.191529
6	-0.943246	-1.235699	1.317396
6	-2.454273	-1.052813	1.199960
6	-2.826492	0.349809	0.831638
6	-3.689739	0.749004	-0.107631
6	-4.460779	-0.163033	-1.009361
6	-3.988340	2.203709	-0.295465
1	4.505891	-1.242630	-0.810619
1	5.915383	0.554575	-0.227887
1	5.162727	2.106722	-0.591855
1	5.285968	1.566886	1.069690
1	2.673864	2.384989	-0.088278
1	2.627864	1.547509	1.437078
1	0.444908	1.323721	0.448158
1	1.109026	0.915151	-1.131397
1	2.455412	-2.438105	-0.262722
1	1.996327	-1.464125	-1.637078
1	-1.489731	-0.504216	-1.283357
1	-0.030621	-1.240447	-2.023357
1	-1.282228	-2.218191	-1.206823
1	-0.516283	-0.632854	2.120790
1	-0.708099	-2.272019	1.620772
1	-2.874651	-1.779852	0.509457
1	-2.871161	-1.298955	2.177433
1	-2.371048	1.117969	1.448486
1	-3.411186	2.831537	0.377613
1	-5.045655	2.399362	-0.117477
1	-3.783605	2.514414	-1.320047
1	-5.526634	-0.073780	-0.799521
1	-4.330268	0.127875	-2.051744
1	-4.199143	-1.212101	-0.910509
1	1.566289	-0.816177	1.329781

a2exo9			
6	1.161356	-0.178526	-0.036245
6	1.656221	1.258253	0.111699
6	3.114746	1.347397	-0.212301
6	3.949528	0.311066	-0.237093
6	3.490426	-1.076477	0.100036
6	2.123121	-1.125330	0.760731
6	5.389648	0.447815	-0.606880
6	-0.154287	-0.500186	0.495039
6	-0.636858	0.010822	1.769827
6	-1.048622	-1.340983	-0.277640
6	-1.860109	-0.385915	-1.257525
6	-2.778136	0.589793	-0.608273
6	-4.039099	0.349315	-0.222089
6	-4.715596	-0.977472	-0.340347
6	-4.884414	1.439279	0.352375
1	3.487446	2.333948	-0.452113

1	5.164974	2.120032	-0.411163
1	5.769906	0.666555	0.382357
1	5.432009	0.643857	-1.335720
1	4.243388	-1.376756	0.474072
1	3.555172	-1.269296	-1.120848
1	1.919314	-2.346708	0.269365
1	2.131814	-1.183028	1.573926
1	0.610788	1.747889	-0.150385
1	1.034803	1.177876	1.442618
1	-1.175151	-1.743051	2.058547
1	-0.209909	-0.251685	2.332069
1	-1.743190	-0.246897	1.402599
1	-1.474076	-2.660911	-0.164388
1	-0.282116	-2.206885	-1.414241
1	-1.530042	-0.005463	-1.715328
1	-2.329502	-1.480649	-2.190091
1	-3.769748	-1.455094	-0.165288
1	-5.355747	-0.218522	0.903083
1	-5.671497	1.302398	0.070888
1	-4.767204	1.311214	1.564770
1	-3.683288	2.463767	-1.193994
1	-2.909126	2.553829	0.366046
1	-2.063040	1.820721	-0.997892
1	1.103411	-0.406053	-1.180327

a2exo	012		
6	0.758064	-0.443716	-0.008807
6	1.074471	0.610990	1.038037
6	2.393297	1.258552	0.752260
6	3.330805	0.744703	-0.040693
6	3.153920	-0.585812	-0.710331
6	2.001183	-1.406791	-0.155476
6	4.615275	1.449398	-0.329617
6	-0.310641	-1.383868	0.242604
6	-0.668261	-1.778420	1.603648
6	-1.061481	-1.949098	-0.876024
6	-2.484746	-1.297923	-0.868739
6	-2.452846	0.187657	-1.017905
6	-3.052610	1.096031	-0.242329
6	-3.878119	0.789090	0.967689
6	-2.970459	2.551977	-0.579821
1	2.566637	2.215432	1.225133
1	4.653959	2.423553	0.148662
1	5.466571	0.864406	0.018312
1	4.746882	1.592773	-1.402402
1	4.063919	-1.176640	-0.589414
1	3.034436	-0.442791	-1.786645
1	1.792794	-2.251214	-0.809771
1	2.250429	-1.794995	0.830700
1	0.284148	1.362066	1.024361
1	1.076638	0.183858	2.042778
1	0.204107	-1.862695	2.248354
1	-1.247697	-0.938962	2.009783
1	-1.275837	-2.675168	1.649132
1	-1.187640	-3.023563	-0.747457
1	-0.576863	-1.739934	-1.826256
1	-2.997327	-1.755295	-1.715545
1	-3.017932	-1.611574	0.024024
1	-1.923510	0.548603	-1.893436

5.636664	1.467497	-0.887336
6.033113	0.156946	0.223410
5.639077	-0.204458	-1.444164
4.206366	-1.539397	0.781633
3.500038	-1.693542	-0.801528
1.754110	-2.149613	0.782904
2.183144	-0.767868	1.787637
1.092368	1.900689	-0.565341
1.470498	1.637033	1.117928
-0.984551	-0.810900	2.396970
0.054238	0.645495	2.308593
-1.559424	0.564724	1.527785
-1.765411	-1.871503	0.341648
-0.492892	-2.031645	-0.908103
-1.150434	0.126052	-1.903477
-2.404380	-1.085030	-1.887826
-2.404374	1.600614	-0.494070
-4.350053	2.382380	0.422289
-5.244696	1.168638	1.344829
-5.768531	1.594333	-0.265796
-5.063312	-1.312265	0.636975
-5.603496	-0.887368	-0.965836
-4.089030	-1.757333	-0.761941
1.215972	-0.480534	-1.082965

a _{2ex}	013		
6	0.748161	0.632763	-0.040634
6	1.542650	0.451404	-1.324134
6	2.620148	-0.571601	-1.140200
6	3.089042	-0.968125	0.040976
6	2.581801	-0.383585	1.326075
6	1.751969	0.875528	1.143306
6	4.139689	-2.020574	0.176503
6	-0.173488	1.752196	0.040625
6	0.046280	2.976306	-0.732832
6	-1.345700	1.643363	0.882647
6	-2.552969	1.214555	-0.062756
6	-2.439155	-0.150980	-0.640593
6	-2.982349	-1.268907	-0.143599
6	-3.772909	-1.339928	1.122776
6	-2.842299	-2.569155	-0.867726
1	3.021892	-1.009774	-2.043514
1	4.423557	-2.430647	-0.788174
1	5.033776	-1.617935	0.652395
1	3.789302	-2.840439	0.804089
1	3.427867	-0.133831	1.969084
1	2.010344	-1.139194	1.870292
1	1.235925	1.124970	2.068286
1	2.392352	1.715858	0.877986
1	0.870410	0.133393	-2.122468
1	1.979149	1.398256	-1.649504
1	1.069713	3.327745	-0.585534
1	-0.013503	2.734411	-1.798044
1	-0.655151	3.767472	-0.495186
1	-1.611749	2.601566	1.322846
1	-1.241032	0.875111	1.643064
1	-3.422995	1.310387	0.580518
1	-2.661140	1.962377	-0.846181
1	-1.895966	-0.233472	-1.575200

l	-2.362423	2.736132	-1.460992
l	-2.557064	3.121893	0.252438
l	-3.966246	2.954341	-0.765434
l	-3.526926	1.363383	1.824920
l	-4.909762	1.096903	0.797528
l	-3.895841	-0.261205	1.242359
l	0.617432	0.014064	-0.988106

8.			
6	0 747945	0 632939	-0 040700
6	1 542509	0 451657	-1 324147
6	2.619912	-0.571461	-1.140245
6	3.088789	-0.968039	0.040917
6	2.581583	-0.383498	1.326029
6	1.751801	0.875642	1.143322
6	4.139331	-2.020594	0.176409
6	-0.173647	1.752354	0.040727
6	0.046057	2.976559	-0.732591
6	-1.345928	1.643285	0.882672
6	-2.553245	1.214475	-0.062711
6	-2.439336	-0.150923	-0.640815
6	-2.981853	-1.269112	-0.143663
6	-3.771461	-1.340631	1.123264
6	-2.841803	-2.569196	-0.868087
1	3.021604	-1.009660	-2.043570
1	4.423420	-2.430391	-0.788320
1	5.033321	-1.618163	0.652656
1	3.788728	-2.840631	0.803652
1	3.427667	-0.133801	1.969042
1	2.010125	-1.139120	1.870229
1	1.235736	1.125099	2.068285
1	2.392161	1.715984	0.877987
1	0.870312	0.133802	-2.122579
1	1.979127	1.398495	-1.649390
1	1.069792	3.327529	-0.586508
1	-0.015041	2.734710	-1.797776
1	-0.654843	3.767979	-0.494249
1	-1.612118	2.601373	1.323018
1	-1.241198	0.874930	1.642977
1	-3.423222	1.310076	0.580670
1	-2.661541	1.962458	-0.845956

1	-2.264982	-2.470704	-1.782554
1	-3.824267	-2.965325	-1.125951
1	-2.363686	-3.315320	-0.233584
1	-4.790472	-1.666871	0.909231
1	-3.344487	-2.086864	1.790619
1	-3.831190	-0.400758	1.663824
1	0.201114	-0.279962	0.211057

a _{2exe}	o16		
6	1.115802	0.635927	0.465818
6	1.693565	-0.428765	1.386569
6	3.099031	-0.780679	1.008014
6	3.684221	-0.453912	-0.142029
6	2.942360	0.284095	-1.216438
6	1.439587	0.304889	-1.001370
6	5.107314	-0.791962	-0.441799
6	-0.267058	1.058292	0.737883
6	-1.017459	0.591723	1.885043
6	-0.963236	1.946260	-0.183165
6	-1.899469	1.056834	-1.106028
6	-3.132819	0.574038	-0.441115
6	-3.546564	-0.697840	-0.316347
6	-2.785859	-1.894072	-0.790291
6	-4.877899	-1.003251	0.290874
1	3.661512	-1.331165	1.749849
1	5.590856	-1.280600	0.398953
1	5.175413	-1.452218	-1.306452
1	5.675577	0.106214	-0.684993
1	3.151262	-0.178374	-2.181845
1	3.331074	1.303342	-1.291152
1	0.980775	1.007586	-1.692153
1	1.026719	-0.681955	-1.214524
1	1.689445	-0.076745	2.418664
1	1.064774	-1.323979	1.363337
1	-0.483898	-0.053366	2.568045
1	-1.511378	1.412025	2.404440
1	-1.872820	0.047048	1.424364
1	-0.275992	2.491309	-0.821680
1	-1.605924	2.645423	0.346212
1	-2.164315	1.739777	-1.912928
1	-1.323638	0.254850	-1.556903
1	-3.794121	1.352280	-0.076799
1	-5.398048	-0.107477	0.616812
1	-4.771059	-1.674815	1.142618
1	-5.509883	-1.519353	-0.431852
1	-2.748347	-2.653126	-0.009877
1	-3.303614	-2.349244	-1.634971
1	-1.770174	-1.678979	-1.107748
1	1.636712	1.592082	0.676876

a2exo17

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6	-1.277230	0.238648	0.486103
6	-2.054156	1.452735	0.001744
6	-3.506203	1.134209	-0.178823
6	-4.015317	-0.094854	-0.228965
6	-3.141395	-1.311329	-0.147636
6	-1.664710	-1.007122	-0.330074
6	-5.479883	-0.350552	-0.366891

-1.896659 -0.233111 -1.575745

-2.264506 -2.470527 -1.782905

-3.823781 -2.965288 -1.126392

-2.363186 -3.315531 -0.234149

-3.340516 -2.085498 1.791822

-3.832029 -0.400912 1.663109

0.200953 -0.279830 0.210967

0.910832

-4.788228 -1.670717

6	0.157376	0.430521	0.730369
6	0.777196	1.750292	0.727704
6	1.017185	-0.694783	1.050880
6	1.790056	-1.152519	-0.263418
6	2.797204	-0.196705	-0.799218
6	4.072212	-0.090292	-0.399316
6	4.676307	-0.891874	0.707258
6	5.007405	0.861255	-1.071967
1	-4.168452	1.985102	-0.262207
1	-6.051313	0.572921	-0.372158
1	-5.693742	-0.890158	-1.289512
1	-5.843688	-0.970455	0.452961
1	-3.447671	-2.026423	-0.911996
1	-3.311180	-1.815167	0.807881
1	-1.074587	-1.877485	-0.055068
1	-1.461112	-0.789738	-1.378941
1	-1.960178	2.271196	0.716109
1	-1.631139	1.814640	-0.940297
1	0.229081	2.510769	0.186778
1	0.848526	2.056797	1.779341
1	1.814747	1.667449	0.391713
1	0.455022	-1.547524	1.418800
1	1.780053	-0.405355	1.769916
1	2.253473	-2.087701	0.041389
1	1.060572	-1.404978	-1.027825
1	2.477835	0.427132	-1.625228
1	4.522820	1.425061	-1.863916
1	5.848009	0.319532	-1.505294
1	5.429844	1.563432	-0.353130
1	5.517863	-1.472502	0.329860
1	5.081352	-0.231095	1.473885
1	3.985508	-1.580299	1.184559
1	-1.597924	0.019065	1.525871

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6	-0.891909	-0.246538	0.494001
6	-2.548845	0.727401	-0.725997
6	-3.680924	0.220353	0.085777
6	-3.243217	-0.909763	1.050863
6	-1.878362	-1.416658	0.634222
6	-1.902645	-1.655461	-0.880858
6	-1.590744	-0.195229	-1.147598
1	-0.881079	0.122802	-1.900691
6	-2.456997	2.158383	-1.054990
1	-1.547508	2.417084	-1.586347
1	-3.310941	2.397298	-1.695325
1	-2.569886	2.776462	-0.165485
1	-4.386677	-0.185482	-0.646892
1	-4.198929	1.029859	0.593146
1	-3.226289	-0.533066	2.070679
1	-3.965055	-1.721627	1.024415
1	-1.531615	-2.230626	1.267400
1	-1.109177	-2.302159	-1.233849
1	-2.845157	-2.010048	-1.292479
6	-0.952870	0.907625	1.465144
1	-0.433713	0.592447	2.370751
1	-0.432095	1.783209	1.088060
1	-1.955461	1.201854	1.757798
6	0.552653	-0.656962	0.236132

-0.971912	-0.633257	0.393739
-2.301753	1.114302	-0.204036
-3.579701	0.362306	-0.211148
-3.352260	-1.169892	-0.179519
-1.902942	-1.462832	-0.504583
-1.522918	-0.653543	-1.751010
-1.226611	0.570523	-0.906265
-0.362601	1.200492	-1.074409
-2.194397	2.384128	0.531463
-1.189622	2.792746	0.532313
-2.857386	3.100021	0.037228
-2.567988	2.284978	1.549408
-4.057080	0.635834	-1.158132
-4.245426	0.704942	0.576545
-3.621090	-1.559330	0.799395
-4.000319	-1.657238	-0.902980
-1.692230	-2.530229	-0.513823
-0.633350	-1.014965	-2.251352
-2.308268	-0.524992	-2.492797
-1.338783	-0.392558	1.838319
-1.049960	-1.283510	2.396521
-0.788453	0.441191	2.264407
-2.397184	-0.233204	2.016851
0.506256	-0.976467	0.258048

1	0.600380	-1.488687	-0.462155
1	0.905142	-1.055183	1.192340
6	1.509576	0.441842	-0.221566
1	1.065503	0.985556	-1.061311
1	1.656953	1.170569	0.570717
6	2.818512	-0.134712	-0.660432
1	2.767369	-0.756956	-1.547687
6	4.015411	0.029168	-0.093794
6	5.229424	-0.621393	-0.680323
1	4.993528	-1.204145	-1.566448
1	5.704112	-1.280241	0.046948
1	5.971752	0.128829	-0.953529
6	4.285128	0.848430	1.128676
1	4.765911	0.236553	1.891869
1	4.980901	1.654500	0.895386
1	3.396888	1.292282	1.567144

0.606822	-1.938426	0.771112
1.511246	0.008104	0.851948
1.372558	0.994908	0.411811
1.336006	0.117770	1.922964
2.912154	-0.474235	0.643465
3.147559	-1.406892	1.144425
3.883282	0.103328	-0.065951
5.238374	-0.527122	-0.154669
5.291129	-1.460989	0.397911
6.001168	0.144848	0.239110
5.504037	-0.727906	-1.192791
3.756634	1.393622	-0.813488
4.475677	2.119669	-0.434046
3.994989	1.244677	-1.866813
2.770554	1.844323	-0.752413

0.770446 -1.167164 -0.778317

b ₃				b4			
6	0.848022	-0.204141	0.300758	6	-0.828452	0.009489	0.203305
6	2.953304	-0.440044	-0.557201	6	-2.868254	0.598981	-0.642068
6	3.557978	0.698169	0.175900	6	-3.681078	-0.079452	0.395712
6	2.483467	1.619499	0.806511	6	-2.834614	-1.057427	1.248620
6	1.132979	1.301088	0.197683	6	-1.517863	-1.318893	0.547058
6	1.297654	1.233829	-1.324597	6	-1.811311	-1.620453	-0.927145
6	1.766171	-0.206821	-1.247328	6	-1.857885	-0.139808	-1.255915
1	1.420821	-0.969200	-1.933997	1	-1.391718	0.276310	-2.140052
6	3.597342	-1.763107	-0.532326	6	-3.128201	2.005752	-0.986377
1	3.015596	-2.529593	-1.033174	1	-2.410569	2.411297	-1.691667
1	4.556751	-1.667561	-1.048459	1	-4.120991	2.049517	-1.443224
1	3.835194	-2.068492	0.485570	1	-3.182190	2.628903	-0.094851
1	4.111500	1.258567	-0.584949	1	-4.430113	-0.648456	-0.165227
1	4.294250	0.357630	0.899363	1	-4.231181	0.636787	1.000426
1	2.467765	1.476888	1.884432	1	-2.670847	-0.632435	2.236014
1	2.735417	2.661284	0.627455	1	-3.374042	-1.990246	1.388928
1	0.349152	1.943781	0.591842	1	-0.900502	-2.028347	1.093376
1	0.363979	1.318643	-1.866750	1	-0.996643	-2.116116	-1.440208
1	2.013578	1.929273	-1.757358	1	-2.729891	-2.167351	-1.128519
6	1.279424	-0.962125	1.532064	6	-0.910285	1.166783	1.168700
1	0.613262	-0.668837	2.342349	1	-0.267813	0.927364	2.014977
1	1.169607	-2.035677	1.396589	1	-0.529417	2.082617	0.722268
1	2.287950	-0.753133	1.872195	1	-1.897380	1.360608	1.574718
6	-0.523580	-0.670212	-0.171052	6	0.568066	-0.088925	-0.398709
1	-0.481940	-1.741769	-0.368227	1	0.804488	0.844157	-0.909362
1	-0.804352	-0.189456	-1.103319	1	0.616063	-0.876073	-1.146435
6	-1.640457	-0.396203	0.850955	6	1.656437	-0.362300	0.653619
1	-1.450452	-0.953511	1.768019	1	1.772725	0.495711	1.309140
1	-1.648907	0.658577	1.117837	1	1.351494	-1.201000	1.283529
6	-2.960333	-0.823615	0.293597	6	2.949818	-0.698941	-0.016601
1	-3.073614	-1.894513	0.165923	1	2.964444	-1.656207	-0.526138
6	-3.991075	-0.048969	-0.052089	6	4.063856	0.035693	-0.051726
6	-5.251900	-0.654864	-0.585142	6	5.282821	-0.465260	-0.761445
1	-5.190565	-1.737756	-0.647497	1	5.122467	-1.440994	-1.211535
1	-5.476692	-0.266064	-1.578606	1	6.123246	-0.542729	-0.071441
1	-6.099690	-0.397883	0.050161	1	5.585494	0.228944	-1.545700
6	-4.022834	1.442747	0.058647	6	4.232051	1.375272	0.592932
1	-4.245091	1.887521	-0.911498	1	5.019662	1.334133	1.345477
1	-4.823246	1.752632	0.730616	1	4.549516	2.110524	-0.146466
1	-3.097250	1.877257	0.423194	1	3.333070	1.750004	1.072214

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6	-0.965783	-0.420638	0.565387	6	0.898706	-0.093573	0.552184
6	-2.533701	1.037991	-0.173646	6	2.827957	-0.590674	-0.513095
6	-3.615842	0.042146	-0.362975	6	3.594385	0.585498	-0.033751
6	-3.083400	-1.413958	-0.308064	6	2.674547	1.660832	0.601392
6	-1.574941	-1.393547	-0.455663	6	1.237593	1.367040	0.219241
6	-1.240292	-0.473554	-1.635429	6	1.208767	1.103131	-1.290343
6	-1.287960	0.744617	-0.732460	6	1.570020	-0.353612	-1.069812
1	-0 553795	1 539490	-0 779134	1	1 089893	-1 164896	-1 603016
6	-2 782892	2 277208	0.578502	6	3 390868	-1 944920	-0 397021
1	-1 882504	2 856824	0 752741	1	2 685478	-2 723308	-0 668271
1	-3 464944	2 882861	-0.025905	1	4 236313	-1 996939	-1 089654
1	-3 302803	2.002001	1 514357	1	3 802025	-2 126003	0 594126
1	-4 004502	0.243680	-1 367003	1	4 060559	0.998235	-0.934820
1	-4 439413	0.243000	0 324828	1	4 407633	0.287876	0.622799
1	-3 382523	-1 877495	0.628807	1	2 804599	1 662580	1 680787
1	-3 526406	_1 999327	-1 109334	1	2.004399	2 647381	0 244769
1	-1 1/65/13	-2 303744	-0.451800	1	0 545292	2.047561	0.621470
1	-0.254299	-0.628936	-2 047296	1	0.231662	1 210010	-1.737553
1	-1.962112	-0.468963	-2.047270	1	1 926470	1.668532	-1.881510
6	_1 589929	-0.325517	1 944879	6	1.920470	-0 709709	1 809731
1	-1 311561	-1 230610	2 484158	1	0.933294	-0 293848	2 653525
1	-1 188716	0.516035	2 504623	1	1 332971	-1 786435	1 830749
1	-2 672905	-0 270308	1 966335	1	2 533025	-0 503466	1 989298
6	0.550400	-0 393204	0 759218	6	-0 555795	-0 556823	0.464659
1	0.725509	-1 176257	1 503366	1	-0 978269	-0 268674	1 431640
1	0.805539	0.537838	1.266228	1	-0.553401	-1.647830	0.471954
6	1.536542	-0.612517	-0.383012	6	-1.520101	-0.074943	-0.614187
1	1.300418	-1.539724	-0.909324	1	-1.591638	1.010172	-0.606363
1	1.478408	0.195523	-1.108936	1	-1.166355	-0.369352	-1.604719
6	2.926449	-0.718304	0.164529	6	-2.867293	-0.692742	-0.398053
1	3.098644	-1.580758	0.799239	1	-2.903135	-1.766977	-0.543777
6	3.954092	0.106866	-0.043384	6	-4.002619	-0.079621	-0.058122
6	5.286675	-0.166285	0.582011	6	-5.269069	-0.861526	0.103177
1	5.275554	-1.065836	1.191017	1	-5.120159	-1.922580	-0.076633
1	5.597256	0.668890	1.210138	1	-6.031614	-0.502694	-0.588379
1	6.053252	-0.283287	-0.184218	1	-5.674539	-0.737640	1.107504
6	3.915440	1.337621	-0.893891	6	-4.151450	1.389934	0.180818
1	4.212265	2.208599	-0.309475	1	-4.871961	1.813530	-0.518896
1	4.634222	1.253096	-1.708983	1	-4.548837	1.569595	1.179808
1	2.942810	1.542614	-1.330703	1	-3.226060	1.949213	0.084240
b ₇	0.00	0.00000-	0.001010	b ₈	0.05101-	0.000-0-	0.010100
6	-0.935539	-0.823985	0.391813	6	-0.951016	-0.828731	0.319188
6	-1.552401	1.297113	-0.184482	6	-1.249014	1.356046	-0.233163
6	-3.007560	1.034562	-0.284663	6	-2.662546	1.461498	0.196649
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6	-2.048653	-1.250560	-0.580216	6	-2.405910	-0.997547	-0.153388
6	-1.341382	-0.58//18	-1./68/44	6	-2.048130	-0.559868	-1.5/9280
0	-0.686729	0.428088	-0.851/2/	0	-0.899539	0.282819	-1.05/819
1	0.35426/	0./15038	-0.93/8/1		0.072681	0.310303	-1.52999/
0	-1.003430	2.43/411	0.003134	0	-0.23303/	2.340103	0.20/322
1	0.018333	2.4800/4	0.034020	1	0.139022	2.000004	-0.0423/9
1	-1.429838	3.343888 2.110701	0.110330	1	-0.400908	3.219204 2561060	-0.310148 1 260200
1	-1.490002	2.440/94 1 <u>1</u> 75719	1.004317	1	-0.549030	1 022/6/	-0 6/0120
1	-3.502947	1 570217	0481718	1	-2 773002	2 1 2 8 0 2 2	1 030667
1	-3 759699	-0 776286	0.401/10	1	-3 407382	-0.084149	1 526918
-	2.,27077	0.,,0100	0.0.7010	-	2	0.001117	1.0 = 0 / 10

1	-4.060309 -0.698107 -1	.071853	1	-4.284182	0.022254	0.019163
1	-2.222569 -2.323458 -0	.631175	1	-2.818206	-1.995470	-0.020018
1	-0.605426 -1.222334 -2	2.246472	1	-1.693856	-1.368386	-2.206754
1	-1.988487 -0.170914 -2	.537666	1	-2.818560	-0.015056	-2.120724
6	-1.273808 -0.513850 1	.829635	6	-0.668061	-0.400152	1.739388
1	-1.349014 -1.463877 2	.359420	1	-0.734969	-1.286710	2.370390
1	-0.489415 0.060085 2	315087	1	0 338049	-0.004173	1 843545
1	-2 216469 0 005189 1	969586	1	-1 365895	0.328973	2 138357
6	0.318560 -1.688132 0	304389	6	-0.036001	-1 982830	-0.085415
1	0.612941 -1.837804 -0	730671	1	-0 174430	-2 238106	-1 133251
1	-0.010635 -2.665031 0	665523	1	-0.174439	-2.238190	0.480625
6	-0.019033 -2.003031 0	120000	1	1 456503	1 850200	0.480025
0	1.340069 -1.260613 1	102012	0	1.430393	-1.839300	0.214276
1	1.303379 - 1.293770 2	.102013	1	1.019308	-1./28281	1.280303
I	2.2/8053 -2.0/4916 0	.98/510	l	1.890036	-2.833040	-0.024/98
6	2.155302 0.045938 0	.//6101	6	2.1/4840	-0.818325	-0.584103
I	1.784321 0.898194 1	.336464	l	2.056450	-0.909510	-1.660410
6	3.144840 0.277325 -0	.091806	6	3.009997	0.128916	-0.146618
6	3.695928 1.655799 -0	.284518	6	3.716674	1.030183	-1.112630
1	3.196623 2.389879 0	.343121	1	3.429048	0.835444	-2.142550
1	3.609886 1.971489 -1	.324868	1	4.796156	0.899046	-1.035762
1	4.758653 1.677875 -0	.043092	1	3.520824	2.080282	-0.890256
6	3.804682 -0.779226 -0	.920364	6	3.369087	0.361477	1.287949
1	3.729271 -0.534256 -1	.980222	1	4.431152	0.168052	1.439857
1	4.869506 -0.825384 -0	.691949	1	3.208647	1.404684	1.562989
1	3.388025 -1.770741 -0	.774419	1	2.823131	-0.264896	1.986353
_			_			
b 9			b ₁₀			
6	0.614361 -0.028271 0	.322915	6	-0.595509	-0.093549	-0.181253
6	2.792908 0.652768 -0	.006728	6	-2.785179	0.634446	-0.377014
6	2.956247 0.012967 -1	.335658	6	-3.164706	0.386306	1.033689
6	1.835235 -1.015035 -1	.627712	6	-2.126586	-0.497240	1.767454
6	1.091484 -1.325164 -0	.344973	6	-1.206683	-1.145101	0.754436
6	2.125877 -1.607089 0	.749255	6	-2.062053	-1.735573	-0.371027
6	2.305239 -0.128972 1	.032201	6	-2.147479	-0.391233	-1.069529
1	2.351628 0.271409 2	.036763	1	-2.042656	-0.283280	-2.141482
6	3.130284 2.074910 0	.171378	6	-3.062689	1.941168	-0.993294
1	2.915894 2.441642 1	169506	1	-2.693365	2.021573	-2.010000
1	4.200758 2.188747 -0	.017572	1	-4.147247	2.078267	-1.005021
1	2.628527 2.690720 -0	.574366	1	-2.668164	2.751212	-0.380330
1	3.918114 -0.506990 -1	.283114	1	-4.117941	-0.149979	0.976646
1	3.055276 0.757025 -2	.121787	1	-3.369742	1.316238	1.557713
1	1.160696 -0.618889 -2	382830	1	-1.562812	0.109796	2.471587
1	2 263840 -1 927556 -2	033399	1	-2 634313	-1 264150	2 346299
1	0.313199 -2.068529 -0	501813	1	-0 487340	-1 802958	1 235425
1	1 720585 -2 131265 1	606218	1	-1 529189	-2 459473	-0.976924
1	3.026615 -2.124027 0	125122	1	-3.016175	-2.165631	-0.073005
6	0.143629 + 1.127815 = 0	513038	6	-0.215868	1 260076	0 333235
1	0.888105 0.012587 0	705241	1	0.778250	1.209070	0.333233
1	-0.888105 0.912387 -0	065607	1	0.176230	1.1/8//0	0.770707
1	$0.113900 \ 2.048231 \ 0$ $0.700002 \ 1.207252 \ 1$	1000097	1	-0.129138	1.983320	-0.482727
I	0.709902 1.297352 -1	.422841	l	-0.880167	1.0/5225	1.089505
0	-0.231226 -0.182995 1	.3/990/	6	0.446282	-0.00140/	-1.1/0858
1	-0.284556 0.780043 2	.087895	l	0.799646	0.248341	-1./58906
1	0.233532 -0.87/920 2	.272278	l	0.016347	-1.308046	-1.881508
6	-1.661718 -0.692442 1	.309061	6	1.652062	-1.310404	-0.523939
1	-1.628452 -1.575395 0	.674282	1	1.301959	-2.228189	-0.051116
1	-2.021273 -1.044920 2	.278650	1	2.276451	-1.635419	-1.354401
6	-2.629333 0.323055 0	.794275	6	2.468797	-0.532702	0.460998
1	-2.628070 1.265111 1	.333450	1	2.162741	-0.606779	1.499117
6	-3.532820 0.176465 -0	.178689	6	3.565410	0.185080	0.200748

6	-4.485893 1.283645 -0.5060	6 6	4.318668	0.863242	1.301563
1	-4.324075 2.160302 0.1152	01 1	3.861998	0.697369	2.273684
1	-5.515967 0.955448 -0.3660	16 1	4.380071	1.937836	1.127201
1	-4.394167 1.579945 -1.5515	1 1	5.344521	0.496875	1.343096
6	-3.715531 -1.060080 -1.0013	681 6	4.147971	0.375870	-1.163495
1	-4.698973 -1.491211 -0.8127	1 1	4.195700	1.437263	-1.408464
1	-3.684954 -0.818738 -2.0640	071 1	5.173711	0.008174	-1.189936
1	-2.978341 -1.832615 -0.8061	.59 1	3.592216	-0.124246	-1.950463
b 11		b ₁₂			
6	0.727281 -0.426793 0.4080	90 6	0.929721	0.621905	-0.580557
6	2.816318 -0.132713 -0.4132	38 6	2.512982	-0.234665	0.790822
6	3.101452 1.135211 0.3022	16 6	2.773774	-1.462564	0.001148
6	1.818240 1.758947 0.9127	34 6	1.683999	-1.704751	-1.076124
6	0.603366 1.099221 0.2909	07 6	0.482017	-0.835812	-0.765228
6	0.823110 1.075598 -1.2255	31 6	0.164138	-0.996132	0.723538
6	1.619291 -0.209455 -1.1239	6 6	1.182604	0.066672	1.087080
1	1.483672 -1.038027 -1.8081	00 1	0.990044	0.838113	1.822734
6	3.772730 -1.250145 -0.3636	622 6	3.627598	0.617547	1.233968
1	3.392388 -2.155315 -0.8252	.71 1	3.298198	1.541007	1.698541
1	4.661337 -0.933957 -0.9177	79 1	4.189790	0.045000	1.977652
1	4.106638 -1.448546 0.6530	24 1	4.324003	0.822202	0.422991
1	3.493637 1.807034 -0.4685	20 1	2.737987	-2.275440	0.734324
1	3.895915 1.009734 1.0331	38 1	3.779902	-1.464410	-0.409816
1	1.827802 1.632423 1.9924	75 1	2.088598	-1.485644	-2.061276
1	1.798404 2.827792 0.7174	33 1	1.392299	-2.751595	-1.077145
1	-0.333241 1.508964 0.6611	08 1	-0.335244	-0.981184	-1.467331
1	-0.081452 0.941082 -1.7992	.81 1	-0.844423	-0.697985	0.969127
1	1.370574 1.922223 -1.6352	14 1	0.356909	-1.980045	1.146820
6	1.348439 -1.006468 1.6651	47 6	2.042304	1.155079	-1.464342
1	0.615289 -0.885222 2.4624	87 1	1.616760	1.300563	-2.457075
1	1.536869 -2.072465 1.5619	32 1	2.394772	2.125198	-1.121972
1	2.259420 -0.525128 2.0028	49 1	2.897946	0.500051	-1.585297
6	-0.449768 -1.330572 0.0391	95 6	-0.110033	1.739839	-0.462555
1	-0.995013 -1.438348 0.9805	39 1	-0.304957	2.019467	-1.502336
l	-0.032436 -2.317634 -0.1668	382 I	0.405167	2.598712	-0.031576
6	-1.4/982/ -0.9920/6 -1.0384	6	-1.459499	1.583805	0.230749
1	-1.004375 -0.869258 -2.0117		-1.340026	1.321120	1.280759
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I C	-2.099450 1.151899 -1.1073		-2.400382	0.116921	-1.558441
0	-5.505478 0.140555 -0.0275	08 0 72 6	-3.34//0/	-0.110851	0.005228
1	-4.328109 1.3/3049 0.1090	12 0	-4.202490	-0.902338	-0.800909
1	-5.004020 2.245795 -0.5090	71 1	-4.093493	-0./3814/	-1.838079
1	-4.433209 1.393210 1.2302	$\frac{1}{82}$ 1	-3.31/349	-0.029387	-0.394200
6	-4.065003 -1.089642 0.6145	102 I	-4.190834	-1.970300	-0.397074
1	-4.140838 -0.050257 1.6026	65 1	-1 563075	0.077550	1.555204
1	-5.074593 -1.277585 0.2493	54 1	-3 551975	-1 343982	1 807995
1	-3.475021 -1.983760 0.4375	68 1	-2.856347	0.241477	2.156504
-			2.00000.17	0.2.11.77	2.10000
_					
b ₁₃		b ₁₄		o	0.100111
6	-0.604/10 -0.431374 0.1384	50 6	-0.688880	-0.434261	-0.198119
6	-2.832399 -0.064344 -0.1701	78 6 6 6	-2.877882	-0.067612	0.345182
6	-2.692662 1.2/0403 -0.8016	6	-2.969882	1.283900	-0.258366
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0	-1.492819 0.918338 1.6667	34 0	-0.949554	0.808393	1.383043

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1	-4.681486	-0.774012	-0.805421	1	-4.838043	-0.757107	0.423463
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1	-3.418697	1.904863	-0.283293	1	-3.448937	1.901686	0.508211
1	-2 995955	1 247955	-1 845211	1	-3 637163	1 290204	-1 116426
1	-0 727841	1 822638	-1 545199	1	-1 414579	1 865065	-1 658801
1	-1 337403	2 902003	-0 313293	1	-1 520371	2 907372	-0.260363
1	0.452576	1 443392	0.648925	1	0 493321	1 432134	-0.049226
1	-0.989792	0.650015	2 587611	1	-0 142856	0 580206	2 245659
1	-2 142914	1 767824	1 865343	1	-1 479601	1 707284	2.245057
6	-0.483755	-0.880368	-1 294699	6	-1 117411	-0.852171	-1 582320
1	0.551698	-0.705185	-1 585678	1	_0.265723	-0.694354	-2 243052
1	0.551098	1 044021	1 200068	1	1 36//58	1 010677	1 620064
1	-0.080082	-1.944921	-1.399908	1	-1.304438	-1.910077	-1.020904
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1	-0.33/946	-2.356342	1.025206	1	-0.1095//	-2.3/9196	0.461/12
l	0.086518	-1.038890	2.095514	l	0.668929	-1.0842//	1.351358
6	1.628/53	-1.5/4851	0.703419	6	1.609603	-1.551991	-0.516235
1	2.007450	-2.294541	1.432925	l	2.233205	-2.281489	-0.003261
1	1.721250	-2.063825	-0.262229	1	1.340715	-2.019008	-1.462853
6	2.451969	-0.330384	0.776034	6	2.379934	-0.295542	-0.778489
1	2.383517	0.206004	1.717782	1	2.069064	0.282478	-1.642429
6	3.297171	0.151553	-0.139163	6	3.433646	0.158199	-0.093853
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1	5.158077	1.179737	0.098395	1	4.145083	2.142494	0.299530
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1	3.405468	0.239552	-2.274279	1	5.061574	-0.781867	0.914817
1	4.625216	-0.762477	-1.531703	1	4.029054	0.163756	1.956622
1	2.986006	-1.365464	-1.670980	1	3.495571	-1.418913	1.401314
				L			
5	0 9 1 2 7 0 1	0 721950	0.265600	D ₁₆	0 729109	0 (12022	0.252805
6	-0.842794	-0./21859	0.265699	6	-0./38198	-0.613833	0.353805
6	-1./64581	1.258387	-0.377801	6	-1.991069	1.11/458	-0.492428
6	-2.93/212	1.204/02	0.528082	6	-3.158042	0.94468/	0.400515
6	-3.133034	-0.206315	1.138278	6	-3.101468	-0.396/64	1.1/2148
6	-2.300174	-1.202772	0.35969/	6	-2.09/856	-1.314937	0.50/413
6	-2.549094	-0.962689	-1.134436	6	-2.337758	-1.278119	-1.007211
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1	-0.044425	2.343103	-1.055841	1	-0.496484	2.426975	-1.294055
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1	-4.182153	-0.486511	1.097170	1	-4.084377	-0.860195	1.179510
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1	-2.267905	-1.795450	-1.766868	1	-1.887810	-2.106791	-1.539855
1	-3.556334	-0.652087	-1.403736	1	-3.372412	-1.180655	-1.329365
6	-0.214691	-0.024287	1.446110	6	-0.255632	0.298812	1.457594
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1	0.723800	0.452122	1.178219	1	0.650067	0.824896	1.171351
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6	0.111667 -1.734349 -0.357519	6	0.380297 -1.544592 -0.116821
1	-0.405678 -2.298198 -1.128462	1	-0.054616 -2.431095 -0.573347
1	0.309395 -2.449314 0.447290	1	0.851145 -1.881513 0.809528
6	1.446591 -1.240984 -0.921423	6	1.476025 -1.024898 -1.054675
1	1.817980 -2.048753 -1.556002	1	2.165023 -1.855160 -1.195767
1	1.282364 -0.401911 -1.596757	1	1.047371 -0.853361 -2.043517
6	2 499959 -0 924196 0 094474	6	2 227558 0 199885 -0 631421
1	2 586599 -1 648801 0 897768	1	1 791798 1 151030 -0 919936
6	3 370083 0 070057 0 081083	6	3 308440 0 243702 0 000071
6	4 422626 0 105402 1 140557	6	4.057017 1.551020 0.212675
1	4.422020 0.193492 1.149337	0	4.03/91/ 1.331089 0.3180/3
1	4.343103 -0.398210 1.887370	1	5.4/320/ 2.398430 -0.035382
1	4.348505 1.153312 1.065094	1	5.042016 1.601560 -0.147284
l	5.421507 0.153536 0.714923	I	4.216/82 1.663363 1.39152/
6	3.448062 1.145858 -0.966472	6	4.157/50 -0.960595 0.468065
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1	4.393853 1.079623 -1.504672	1	4.317244 -0.918045 1.545771
1	2.653022 1.088574 -1.704033	1	3.665159 -1.900522 0.240649
b ₁₇	1.070200 0.022140 0.400702	D ₁₈	0.001202 0.210462 0.541542
6	1.0/0288 -0.833149 -0.480/03	6	-0.931/0/ -0./19463 0.54154/
6	1.924746 1.227147 -0.050471	6	-1.850017 1.278348 -0.019380
6	2.840540 0.807912 1.036482	6	-3.161827 0.749204 -0.461691
6	2.537071 -0.630533 1.531778	6	-3.138739 -0.792350 -0.631552
6	1.166413 -1.047448 1.037126	6	-1.698938 -1.264577 -0.673248
6	0.201179 0.108026 1.319192	6	-0.941812 -0.346520 -1.638057
6	0.598808 0.789433 0.024375	6	-0.703478 0.663293 -0.530364
1	-0.133346 1.245350 -0.629966	1	0.253736 1.149097 -0.383982
6	2.412641 2.065097 -1.155622	6	-1.779563 2.402436 0.926037
1	1.680512 2.194702 -1.945608	1	-0.769857 2.609832 1.264065
1	2 631916 3 049701 -0 731134	1	-2 148293 3 285139 0 394554
1	3 353850 1 694934 -1 557403	1	-2 449416 2 259571 1 771725
1	2 641943 1 514982 1 849448	1	-3 331572 1 214274 -1 438871
1	2.041945 1.514962 $1.0494462.881820$ 0.046034 0.757587	1	-5.551572 1.214274 $-1.4500712.067732$ 1.088037 0.183705
1	2 200070 1 208605 1 175084	1	2 684247 1 257045 0 185550
1	3.509079 - 1.508003 - 1.175984	1	-5.064247 -1.257945 0.165559
1	2.303429 -0.059192 2.01/831	1	-5.045/51 -1.009205 -1.552005
1	0.890253 -2.041/84 1.382466	1	-1.621893 -2.339306 -0.824833
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1	0.397125 0.681016 2.223580	1	-1.512708 0.024656 -2.486901
6	2.296225 -1.102100 -1.335621	6	-1.653068 -0.618331 1.873451
1	2.412084 -2.183020 -1.407857	1	-1.729024 -1.626566 2.279421
1	2.163329 -0.725999 -2.347387	1	-1.084447 -0.028113 2.588194
1	3.231490 -0.714773 -0.945901	1	-2.662349 -0.223378 1.827479
6	-0.123343 -1.429269 -1.230661	6	0.462837 -1.271378 0.840226
1	0.194052 -2.463223 -1.391393	1	0.236580 -2.218786 1.339133
1	-0.142953 -0.980478 -2.224933	1	0.904227 -0.635197 1.607136
6	-1 549140 -1 471129 -0 686061	6	1 532415 -1 555946 -0 217216
1	-2.051910 -2.233426 -1.286865	1	2 244620 -2 217585 0 274791
1	-1 569360 -1 860891 0 329607	1	1.121780 - 2.155196 - 1.028754
6	2 221082 0 105820 0 820373	6	2.774001 = 0.367825 = 0.764386
1	-2.521765 -0.175820 $-0.8275752.172506$ 0.218520 1.774549	1	2.2/4071 - 0.307823 - 0.704380 1 001162 0 021052 1 751785
I C	-2.172500 0.318539 -1.774548	I C	1.991102 - 0.021032 - 1.751765
0	-5.229259 0.517955 0.004799	0	5.295945 U.204211 -U.1/0300 2.002155 1.400772 0.050055
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I	-3.65/360 1.976463 -1.305221	1	3.536512 1.646566 -1.812755
1	-3.824870 2.336866 0.416338	1	5.035229 1.175913 -1.015727
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6	-3.627819 -0.290681 1.312942	6	3.857080 -0.104126 1.160125
1	-3.539196 0.436686 2.120423	1	4.922858 -0.314417 1.071828
1	-4.677449 -0.583550 1.279107	1	3.766923 0.730045 1.856871
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b'1				b' 2			
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6	1.715873	-0.724766	1.258103	6	1.799491	-1.048385	1.010435
6	1.984637	0.774140	1.292329	6	1.666504	0.402118	1.456226
6	3.607976	1.910622	-0.992511	6	2.972326	2.484372	-0.303675
6	-0.664988	-0.223305	0.549571	6	-0.616745	-0.977750	0.262396
6	-1.654368	0.230934	-0.522317	6	-1.683610	-0.508058	-0.725095
6	-2.923897	0.738396	0.084337	6	-3.056774	-0.690147	-0.160663
6	-4.149308	0.222620	-0.028322	6	-3.998304	0.234237	0.036218
6	-4.499955	-1.002341	-0.812996	6	-3.860266	1.689283	-0.286508
6	0.701652	-1.635168	-1.002401	6	1.091101	-1.529233	-1.486662
6	-5.315057	0.874328	0.648655	6	-5.330993	-0.144950	0.604206
1	0.971979	1.622738	-0.664477	1	0.496787	1.474440	-0.293110
1	2.994447	2.805413	-0.981885	1	2.145496	3.161876	-0.117926
1	4.529790	2.072126	-0.439480	1	3.807217	2.710501	0.354761
1	3.897969	1.713274	-2.027874	1	3.326455	2.656074	-1.323488
1	4.693032	-0.336270	-0.126688	1	4.592723	0.427190	0.034344
1	3.592327	-1.096321	-1.242077	1	3.744154	-0.248024	-1.328774
1	2.867150	-2.416025	0.552922	1	3.366528	-2.143600	-0.004803
1	3.703031	-1.389414	1.696135	1	3.883246	-1.291908	1.432529
1	1.289322	-1.157952	2.159357	1	1.486941	-1.802762	1.728129
1	1.228925	1.424431	1.720253	1	0.759606	0.703298	1.970029
1	2.961219	1.127518	1.620884	1	2.511104	0.882575	1.948463
1	1.681537	-1.976354	-1.320746	1	2.131410	-1.523801	-1.796148
1	0.163101	-2.499850	-0.619149	1	0.785302	-2.569262	-1.390162
1	0.176139	-1.286930	-1.888004	1	0.510850	-1.090881	-2.294579
1	-0.628165	0.535896	1.333137	1	-0.792174	-0.480641	1.217672
1	-1.055109	-1.119081	1.034331	1	-0.757059	-2.041941	0.459911
1	-1.858155	-0.583954	-1.211586	1	-1.605234	-1.085732	-1.647581
1	-1.208849	1.030899	-1.122716	1	-1.515839	0.532720	-1.001357
1	-2.815773	1.635327	0.685651	1	-3.300731	-1.712872	0.106711
l	-5.021734	1.760376	1.205056	l	-5.392165	-1.206766	0.826085
l	-5.798891	0.181696	1.337688	l	-6.131180	0.102952	-0.093672
l	-6.069578	1.165481	-0.082531	l	-5.533817	0.408458	1.521559
1	-4.992/69	-1./32020	-0.1/0422	1	-4.60/425	1.983056	-1.024034
1	-5.211483	-0./53/15	-1.600652	1	-4.04842/	2.293926	0.601086
1	-3.64/063	-1.48//12	-1.2/6592	1	-2.885775	1.9614/1	-0.680691
b' ₃				b'4			
6	0.779207	-0.033233	0.611742	6	-0.727991	0.289409	-0.187372
6	1.831278	-1.008202	0.063381	6	-1.775777	-0.715467	-0.686791
6	3.145261	-0.570889	-0.169404	6	-3.144559	-0.435089	-0.544717
6	3.500309	0.859819	0.042013	6	-3.579769	0.800682	0.163574
6	2.309995	1.790345	-0.274347	6	-2.592604	1.185188	1.287051
6	1.097027	0.928551	-0.564733	6	-1.399693	0.253084	1.211946
6	1.586428	-0.234963	-1.417855	6	-1.953969	-1.138605	0.937829
6	4.192887	-1.522461	-0.598539	6	-4.164723	-1.342853	-1.112215
6	-0.607734	-0.669346	0.473189	6	0.648919	-0.382059	-0.180959
6	-1.777154	0.245332	0.832031	6	1.765579	0.455096	0.440091
6	-3.085747	-0.447137	0.618841	6	3.016259	-0.347347	0.610713
6	-4.083021	-0.092862	-0.193555	6	4.188597	-0.177095	-0.003375
6	-4.087172	1.113350	-1.079626	6	4.486109	0.887849	-1.011731
6	1.002984	0.456392	2.031203	6	-0.668743	1.611793	-0.930768

6	-5.335745 -0.910630 -0.262328	6	5.345247 -1.078388 0.299707
1	1.660102 -2.079022 0.061002	1	-1.505092 -1.528941 -1.350844
1	3.797191 -2.496052 -0.868234	1	-3.748406 -2.278598 -1.470346
1	4.801146 -1.120434 -1.404739	1	-4.976491 -1.528339 -0.413434
1	4.859642 -1.655444 0.257353	1	-4.603523 -0.820353 -1.966162
1	4.389544 1.111313 -0.530275	1	-4.597890 0.683595 0.525663
1	3 788469 0 935241 1 093178	1	-3 620761 1 576754 -0 604391
1	2 118990 2 478843 0 543453	1	-2 288935 2 224753 1 206870
1	2,51240 2,300271 -1,140548	1	-3.087771 1.068600 2.248080
1	0.264786 + 1.400075 = 0.065014	1	-9.087771 1.000009 2.240909
1	0.204780 1.499975 -0.905914	1	1.278086 + 0.940454 + 2.071458
1	0.040525 - 0.00075 - 1.000055	1	-1.278080 -1.984875 1.002284 -2.002021 -1.428220 -1.287216
1	2.373046 - 0.039028 - 2.147782	1	-2.902921 -1.420230 1.507510
1	2.02/745 = 0.752999 = 2.253497 0.260507 = 1.214242 = 2.241424	1	-1.045181 2.05/109 $-1.10/450$
1	0.309307 1.314242 2.241424	1	-0.078255 2.534115 -0.572860
1	0.742856 -0.325025 2.742805	1	-0.19110/ 1.4/5355 -1.899259
1	-0.640911 -1.554271 1.112789	l	0.923006 -0.624264 -1.209406
l	-0.766043 -1.029632 -0.544351	l	0.604800 -1.336170 0.347998
1	-1.725508 1.165728 0.252593	1	1.444815 0.822851 1.418905
1	-1.703242 0.536395 1.881089	1	1.954058 1.335030 -0.168750
1	-3.225640 -1.341753 1.216556	1	2.942382 -1.160972 1.324981
1	-5.295672 -1.773805 0.396373	1	5.091369 -1.834039 1.038109
1	-5.513382 -1.263275 -1.278713	1	6.191176 -0.503881 0.677991
1	-6.202567 -0.310700 0.016001	1	5.689400 -1.583181 -0.603336
1	-4.266628 0.821921 -2.114767	1	5.285385 1.535519 -0.650731
1	-4.902748 1.781074 -0.801190	1	4.846337 0.439292 -1.937671
1	-3.165866 1.686510 -1.045656	1	3.634067 1.515157 -1.253816
b'5		b' ₆	
6	-0.855610 -0.792698 0.446016	6	0.829947 -0.650009 -0.577545
6	-1.325475 0.663996 0.498003	6	1.586991 0.680444 -0.630407
6	-2.675271 0.969979 0.273401	6	2.909990 0.748786 -0.171255
6	-3.648376 -0.118018 -0.044209	6	3.571458 -0.465654 0.393427
6	-2.980508 -1.238789 -0.870214	6	2.556783 -1.351469 1.148923
6	-1.498294 -0.929952 -0.960014	6	1.175288 -0.764792 0.931016
6	-1.403941 0.572253 -1.197561	6	1.347009 0.744726 1.051095
6	-3 165349 2 362302 0 401641	6	3 686447 2 004878 -0 290739
ő	0.675330 -0.914182 0.448204	ő	-0.670527 -0.485247 -0.860672
6	1 527150 -0 155920 -0 569589	6	-1 506220 0 543853 -0 099884
6	2 966526 _0 545531 _0 437591	6	-2 922877 0 528272 -0 583198
6	3 995455 0 218894 _0.068362	6	-4.020510 0.209889 0.104898
6	2 009679 1 669240 0 202056	6	4.040101 0.201864 1.542266
6	1,279169, 1,695971, 1,560426	0	-4.049191 - 0.201804 1.545500 1.247121 1.722049 1.512751
6	-1.5/8108 -1.0858/1 1.500450 5 278102 0 251112 0 004202	6	1.54/151 - 1./52046 - 1.512/51
0	5.578102 - 0.551115 0.004392	0	-5.500/75 $0.235/40$ -0.548925
1	-0.095518 1.455052 0.888598	1	1.20888/ 1.553441 -1.182384
1	-2.362501 3.088213 0.479069	1	3.0/4436 2.855811 -0.5/1623
1	-3.842145 2.630504 -0.405394	l	4.246981 2.223597 0.614440
l	-3.746857 2.404422 1.325460	l	4.42140/ 1.842898 -1.082553
1	-4.518140 0.300877 -0.543649	1	4.409309 -0.171090 1.020051
1	-4.003708 -0.491351 0.918232	1	4.002665 -0.993911 -0.459077
1			
1	-3.160674 -2.216556 -0.433781	1	2.610939 -2.385874 0.822967
1	-3.160674 -2.216556 -0.433781 -3.410708 -1.249513 -1.869823	1 1	2.610939 -2.385874 0.822967 2.793142 -1.337361 2.211164
1	-3.160674 -2.216556 -0.433781 -3.410708 -1.249513 -1.869823 -0.977687 -1.563247 -1.673478	1 1 1	2.610939 -2.385874 0.822967 2.793142 -1.337361 2.211164 0.419640 -1.215260 1.569217
1 1	-3.160674 -2.216556 -0.433781 -3.410708 -1.249513 -1.869823 -0.977687 -1.563247 -1.673478 -0.442000 1.000641 -1.452593	1 1 1 1	2.610939-2.3858740.8229672.793142-1.3373612.2111640.419640-1.2152601.5692170.4626521.3695241.088364
1 1 1	-3.160674 -2.216556 -0.433781 -3.410708 -1.249513 -1.869823 -0.977687 -1.563247 -1.673478 -0.442000 1.000641 -1.452593 -2.163586 1.055840 -1.811011	1 1 1 1 1	2.610939-2.3858740.8229672.793142-1.3373612.2111640.419640-1.2152601.5692170.4626521.3695241.0883642.0695711.1357731.766829
1 1 1 1	-3.160674 -2.216556 -0.433781 -3.410708 -1.249513 -1.869823 -0.977687 -1.563247 -1.673478 -0.442000 1.000641 -1.452593 -2.163586 1.055840 -1.811011 -2.453798 -1.641851 1.697378	1 1 1 1 1 1	2.610939-2.3858740.8229672.793142-1.3373612.2111640.419640-1.2152601.5692170.4626521.3695241.0883642.0695711.1357731.7668292.412796-1.919600-1.429336
1 1 1 1 1	-3.160674 -2.216556 -0.433781 -3.410708 -1.249513 -1.869823 -0.977687 -1.563247 -1.673478 -0.442000 1.000641 -1.452593 -2.163586 1.055840 -1.811011 -2.453798 -1.641851 1.697378 -1.114340 -2.722057 1.358804	1 1 1 1 1 1 1	2.610939-2.3858740.8229672.793142-1.3373612.2111640.419640-1.2152601.5692170.4626521.3695241.0883642.0695711.1357731.7668292.412796-1.919600-1.4293360.831745-2.669672-1.314816
1 1 1 1 1 1	-3.160674 -2.216556 -0.433781 -3.410708 -1.249513 -1.869823 -0.977687 -1.563247 -1.673478 -0.442000 1.000641 -1.452593 -2.163586 1.055840 -1.811011 -2.453798 -1.641851 1.697378 -1.114340 -2.722057 1.358804 -0.916129 -1.411786 2.506700	1 1 1 1 1 1 1 1	2.610939-2.3858740.8229672.793142-1.3373612.2111640.419640-1.2152601.5692170.4626521.3695241.0883642.0695711.1357731.7668292.412796-1.919600-1.4293360.831745-2.669672-1.3148161.142309-1.461839-2.546722
1 1 1 1 1 1 1	-3.160674 -2.216556 -0.433781 -3.410708 -1.249513 -1.869823 -0.977687 -1.563247 -1.673478 -0.442000 1.000641 -1.452593 -2.163586 1.055840 -1.811011 -2.453798 -1.641851 1.697378 -1.114340 -2.722057 1.358804 -0.916129 -1.411786 2.506700 0.891527 -1.978228 0.339823	1 1 1 1 1 1 1 1 1	2.610939 -2.385874 0.822967 2.793142 -1.337361 2.211164 0.419640 -1.215260 1.569217 0.462652 1.369524 1.088364 2.069571 1.135773 1.766829 2.412796 -1.919600 -1.429336 0.831745 -2.669672 -1.314816 1.142309 -1.461839 -2.546722 -1.122381 -1.464362 -0.698475

1	1.421815	0.921469	-0.440771	1	-1.109983	1.551495	-0.263411
1	1.204510	-0.394851	-1.586668	1	-1.472894	0.354098	0.971782
1	3.174531	-1.583204	-0.674616	1	-3.048803	0.811167	-1.622641
1	5.400046	-1.403161	-0.265778	1	-5.305569	0.559525	-1.589681
1	5.786457	-0.247769	1.009948	1	-6.024994	0.949113	-0.027541
1	6.051454	0.186242	-0.663805	1	-5.847972	-0.723620	-0.506984
1	4.300369	1.829269	1.298456	1	-4.645123	0.501982	2.124723
1	4.527822	2.262619	-0.378266	1	-4.531493	-1.173870	1.646394
1	2.901028	2.071628	0.260446	1	-3.068196	-0.266445	2.004007
b' 7		1		b'8			0.04=0.60
6	0.758082	-1.000837	-0.141538	6	-0.701344	-1.010984	0.047069
6	0.687497	0.525057	0.018217	6	-0.652908	0.487599	-0.277798
6	1.840419	1.302001	-0.169177	6	-1.683298	1.331644	0.162922
6	3.141944	0.644116	-0.477723	6	-2.844972	0.769733	0.909770
6	3.260980	-0.717352	0.241382	6	-3.199829	-0.644610	0.402125
6	1.924976	-1.028304	0.884585	6	-2.124940	-1.075645	-0.574342
6	1.443944	0.272796	1.512267	6	-1.830885	0.138550	-1.445330
6	1.772840	2.779063	-0.103448	6	-1.609968	2.791868	-0.068445
6	-0.478274	-1.680218	0.458920	6	0.275659	-1.812928	-0.821802
6	-1.762146	-1.661300	-0.374708	6	1.763074	-1.714189	-0.481630
6	-2.286089	-0.303588	-0.737933	6	2.381408	-0.383344	-0.774928
6	-3.223020	0.399469	-0.094245	6	3.110739	0.391694	0.032994
6	-3.908039	-0.051713	1.157392	6	3.433766	0.078527	1.460408
6	1 021455	-1 522093	-1 542101	6	-0 532094	-1 377548	1 509490
6	-3 692901	1 720656	-0.619735	6	3 716373	1 666030	-0 470874
1	-0.265329	1.037910	0.069664	1	0 252036	0.951502	-0 649796
1	0.205525	3 142197	0.000004	1	-0.807625	3 072975	-0 742540
1	2 593358	3 197951	0.207075	1	-2 557897	3 196328	-0.414218
1	1 805262	3 1/1686	-1 126046	1	-1 411007	3 250811	0.919210
1	3 965288	1 312//0	-0.230037	1	-3.688701	1 452881	0.902948
1	3 156341	0.517080	1 562550	1	-5.000701	0.746002	1 057235
1	3.130341	1 502112	-1.302339	1	-2.330220	0.740092	1.937233
1	3.308907	-1.302112	-0.443242	1	-3.301890	-1.54/602	0.109992
1	4.020339	-0.040900	1.011072	1	-4.100043	-0.008/19	-0.100002
1	1.903437	-1.892897	1.542500	1	-2.3/0830	-1.993592	-1.09958/
1	0.5/5866	0.244044	2.162513	1	-1.199391	0.00/145	-2.318111
l	2.1/5641	0.94/992	1.953837	1	-2.648359	0.804809	-1./1/380
l	1.947303	-1.158839	-1.9/65/6	1	-1.286404	-0.941405	2.156315
l	1.072605	-2.609381	-1.528639	l	-0.581383	-2.45/8/8	1.632055
1	0.215601	-1.240997	-2.215385	1	0.436707	-1.046798	1.874789
1	-0.699950	-1.257981	1.440250	l	0.142987	-1.557999	-1.875213
1	-0.201628	-2.720858	0.637610	1	-0.029874	-2.856678	-0.734768
1	-2.511602	-2.216295	0.185681	1	2.269069	-2.465943	-1.091284
1	-1.607245	-2.234730	-1.288372	1	1.934768	-2.015833	0.548246
1	-1.894074	0.128449	-1.653824	1	2.267996	-0.050625	-1.803837
1	-3.174002	2.007908	-1.531015	1	3.458921	1.860567	-1.509046
1	-3.559106	2.509759	0.121414	1	4.803406	1.626972	-0.398153
1	-4.760043	1.684787	-0.839910	1	3.399174	2.518019	0.132165
1	-3.805291	0.699495	1.941083	1	4.511636	-0.029010	1.583265
1	-4.977923	-0.164309	0.980363	1	3.132218	0.899533	2.111881
1	-3.532527	-0.993824	1.543896	1	2.972054	-0.833678	1.824137
b'9				b' 10			
6	0.535292	-0.384560	0.119295	6	0.541993	-0.063919	0.037758
6	1.965702	-0.916258	0.303163	6	1.654129	0.917063	-0.364548
6	3.032222	-0.021541	0.490050	6	2.943851	0.441328	-0.652412
6	2.792446	1.446417	0.418455	6	3.258268	-1.004865	-0.485246
6	1.659877	1.786919	-0.573895	6	2.441044	-1.631856	0.664940

6	1 045542	0 488525	-1.059617	6	1 460662	-0 593509	1 172636
6	2 202200	0.460023	1 205010	0	2 216111	0.729200	1.1/2000
0	2.203290	-0.469901	-1.303818	0	2.210111	0.728209	1.210901
6	4.393585	-0.520494	0.780761	6	3.994055	1.358155	-1.145910
6	-0.358307	-1.535106	-0.362531	6	-0.644382	0.731459	0.592510
6	-1 734850	-1 146341	-0 909497	6	-1 767843	-0 101393	1 228113
6	2 776022	0.863820	0.129512	6	2 705201	0.650700	0.270256
0	-2.770033	-0.003029	0.126313	0	-2.793391	-0.030/90	0.279330
6	-3.685521	0.112543	0.1389/2	6	-3.852962	0.00/001	-0.200745
6	-3.810191	1.180039	-0.902826	6	-4.175975	1.431966	0.122775
6	-0.064742	0.302947	1.330942	6	0.096429	-1.033751	-1.040260
6	-4 703388	0 197722	1 234175	6	-4 828119	-0 663392	_1 116928
1	2 154977	1 060157	0.529571	1	1 420714	1 026248	0.659745
1	2.134077	-1.900137	0.526571	1	1.420/14	1.930248	-0.038/43
1	4.488054	-1.593933	0.654247	1	3.709343	2.403165	-1.082420
1	5.150614	0.000835	0.200519	1	4.946206	1.190734	-0.648986
1	4.590821	-0.286986	1.830309	1	4.146627	1.114295	-2.200475
1	3 719800	1 963708	0 186268	1	4 329185	-1 140066	-0 357386
1	2 527221	1 746230	1 /35173	1	3.008725	1.1.160641	-1 442042
1	2.327221	2 420929	0.116000	1	1.020096	-1.409041	-1.442042
1	0.914299	2.430828	-0.116990	l	1.930980	-2.534010	0.340529
1	2.080224	2.330055	-1.417991	1	3.119274	-1.916940	1.466708
1	0.362558	0.638057	-1.890888	1	0.971404	-0.897208	2.094082
1	1.999183	-1.407358	-1.812149	1	1.746156	1.576720	1.702712
1	3 142518	-0.075633	-1 691773	1	3 270947	0 725064	1 488556
1	0.572920	1.075222	1 750796	1	0.0220042	1 402140	1.400330
1	0.372839	1.073222	1.750780	1	0.922043	-1.495140	-1.3/3/33
1	-1.020273	0.751852	1.075855	1	-0.496885	-1.832956	-0.605214
1	-0.256967	-0.427609	2.114561	1	-0.532342	-0.526707	-1.768488
1	-0.486625	-2.232872	0.467635	1	-1.064250	1.330788	-0.216530
1	0 159714	-2 096458	-1 141286	1	-0 285703	1 439918	1 341170
1	-2 077506	_1 992451	-1 509750	1	-2 260534	0 530799	1 964898
1	-2.077500	0.217012	-1.507750	1	1 226214	0.000540	1.902071
1	-1.040904	-0.31/913	-1.010180	1	-1.330214	-0.922542	1.803071
1	-2.816891	-1.588237	0.935864	1	-2.682777	-1.686305	-0.016/53
1	-4.584095	-0.596371	1.966365	1	-4.548130	-1.691904	-1.328521
1	-5.712566	0.132894	0.826629	1	-4.906478	-0.127415	-2.063319
1	-4 638646	1 155169	1 752554	1	-5 826008	-0 667149	-0 677628
1	-1 769650	1.005010	-1 /13680	1	_4 190472	2 035236	-0.785743
1	-4.707050	2 1 (7000	-1.41000	1	-4.170472	2.055250	0.555207
1	-3./94559	2.10/808	-0.441009	l	-5.1/3995	1.504244	0.555587
1	-3.033520	1.145815	-1.660491	1	-3.477050	1.888536	0.817256
b' 11				b'12			
6	-0.670330	0.960735	0 195112	~ 12	-0.960368	1 170545	-0 215990
6	1 651204	0.119102	0.977902	6	1 202076	0.140056	0.025018
0	-1.031204	0.416192	-0.64/693	0	-1.292070	-0.140030	-0.933018
6	-2.800835	-0.269/15	-0.43/01/	6	-2.234113	-1.0189//	-0.383557
6	-3.061987	-0.493111	1.016761	6	-2.893979	-0.693643	0.916040
6	-1.742386	-0.696586	1.792728	6	-1.930846	0.064119	1.854760
6	-0.592740	-0.451457	0.834059	6	-0.663580	0.364847	1.077537
6	-1 004346	-1 110786	-0 475799	6	-0 359419	-0.888825	0 272002
6	2 709667	0.722605	1 420512	6	0.555415	0.000025	1 104220
0	-3./9800/	-0./55005	-1.429313	0	-2.028010	-2.231912	-1.104329
6	0.636119	1.457724	-0.443113	6	0.258122	1.877529	-0.834048
6	1.503483	0.574595	-1.349259	6	1.556600	1.138229	-1.161064
6	2.250368	-0.546158	-0.681949	6	2.396581	0.755799	0.019638
6	3 423713	-0 447734	-0.051615	6	3 174960	-0 320724	0 161154
6	1 188532	0.827534	0.111144	6	3 3 2 7 3 8 0	-1.402777	-0.863284
6	1 200000	0.027334	1 05 4000	6	2.001557	2104501	0.005204
0	-1.200096	2.098851	1.034880	6	-2.08433/	2.194591	-0.109435
6	4.082683	-1.652294	0.543783	6	4.015563	-0.504966	1.386402
1	-1.588465	0.700757	-1.892803	1	-0.972606	-0.331855	-1.952839
1	-3.446494	-0.654174	-2.452851	1	-1.989136	-2.467943	-1.953948
1	-4,135641	-1.746063	-1.222747	1	-2.678931	-3.111020	-0.440376
1	-4 671040	-0.085124	-1 322081	1	-3 641341	-2 085558	-1 478410
1	2 7/0105	1 2 2 5 4 4 5	1 1/2/75	1	2 102151	1 601777	1 260076
1	-3.749193	-1.525005	1.1430/3	1	-3.203231	-1.001///	1.309070
1	-3.594/50	0.394152	1.364349	l	-3./65017	-0.085266	0.663887
1	-1.686865	-0.047497	2.661488	1	-2.386330	0.967522	2.249171

1	-1.697475 -1.721510 2.155976	1	-1.689892	-0.570467	2.705475
1	0.372665 -0.745711 1.233900	1	0.143742	0.730581	1.704306
1	-0.272611 -1.194426 -1.269717	1	0.603657	-0.944203	-0.224158
1	-1.576444 -2.037530 -0.444466	1	-0.577709	-1.864117	0.706018
1	-2.165438 1.898990 1.508065	1	-3.018511	1.809615	0.226163
1	-0.497693 2.312753 1.857848	1	-1.789917	3.039427	0.450140
1	-1.299941 3.004758 0.460353	1	-2.285933	2.578494	-1.167530
1	1.263953 1.795610 0.381476	1	0.497217	2.709215	-0.169123
1	0.375485 2.355566 -1.007438	1	-0.094516	2.336094	-1.758825
1	2.219905 1.249586 -1.815373	1	2.135774	1.831556	-1.775835
1	0.922835 0.189443 -2.190958	1	1.369356	0.287912	-1.818492
1	1.820087 -1.539688 -0.747418	1	2.418261	1.490799	0.817986
1	3.491072 -2.553682 0.405736	1	3.878658	0.302009	2.101070
1	4.255777 -1.514050 1.611352	1	5.072479	-0.545529	1.122188
1	5.059958 -1.816711 0.089641	1	3.784447	-1.448082	1.882971
1	4.319767 1.059816 1.168404	1	4.350232	-1.414260	-1.240588
1	5.189551 0.720891 -0.306710	1	3.156400	-2.384504	-0.419778
1	3.717157 1.682400 -0.363551	1	2.672913	-1.291321	-1.723384
b' ₁₃		b' ₁₄			
6	-0.541685 0.666513 0.258926	6	0.624512	-0.652840	0.433330
6	-2.013507 0.897022 -0.113499	6	1.893067	-0.889806	-0.398461
6	-2.970127 -0.101952 0.123346	6	2.983527	-0.012842	-0.291262
6	-2.548546 -1.416799 0.682040	6	2.886339	1.192139	0.578815
6	-1.134705 -1.803340 0.197630	6	1.445577	1.746375	0.612250
6	-0.560870 -0.638317 -0.583845	6	0.548098	0.788623	-0.145054
6	-1.695468 -0.098989 -1.444639	6	1.323488	0.360637	-1.383790
6	-4.403672 0.145907 -0.145860	6	4.245766	-0.285388	-1.013242
6	0.299747 1.778679 -0.382111	6	-0.491192	-1.558402	-0.104145
6	1.805793 1.722327 -0.125543	6	-1.838189	-1.474671	0.619111
6	2.495622 0.540690 -0.729168	6	-2.477391	-0.119453	0.649014
6	3.341070 -0.312341 -0.145494	6	-3.443434	0.338340	-0.151878
6	3.758454 -0.261319 1.290976	6	-4.053346	-0.437548	-1.276588
6	-0.242/// 0.563161 1./42656	6	0.781963	-0.832540	1.931936
6	3.989465 -1.407028 -0.936179	6	-4.019422	1.706601	0.043659
1	-2.385224 1.886517 -0.356486	l	2.067635	-1.833206	-0.904180
1	-4.580013 1.068542 -0.688885	l	4.159880	-1.097/66	-1.727291
1	-4.8/1359 -0.692164 -0.656266	l	4.63/543	0.606378	-1.495915
1	-4.892329 0.229136 0.828109	1	4.9/9120	-0.577217	-0.257321
1	-3.291430 -2.175741 0.450509	1	3.613121	1.93/20/	0.2656/2
1	-2.5/1010 -1.293/80 1.76/364	1	3.202564	0.861435	1.5/096/
1	-0.492089 -2.076980 -1.029138	1	1.101646	1.890388	1.032334
1	-1.208340 -2.0/4322 -0.4303/3	1	1.429791	2./20981	0.128439
1	0.3015/1 - 0.891939 - 1.095131	1	-0.449152	1.181800	-0.3132/3
1	-1.403034 $0.0400/1$ $-2.19/9/0$	1	0.803237	-0.2089/4	-2.140/20
1	-2.41084/ -0.790013 $-1.80919/$	1	1.908333	1.083323	-1.881830
1	-0.940/90 $-0.0090/1$ 2.282314 0.752060 0.155101 1.805276	1	1.000404	-0.340318	2.557005
1	0.732900 0.133101 $1.8933700.272508$ 1.548700 2.204267	1	-0.085590	-0.430207	2.430304
1	-0.272508 1.348700 $2.2042070.072512$ 2.722568 0.002286	1	0.83/118	-1.890334	2.1//251
1	-0.072313 2.732308 $-0.0023800.127472 1.800025 1.461601$	1	-0.138810	-2.390771	-0.043430
1	0.13/4/3 1.600023 $-1.4010912.005260$ 1.702269 0.040140	1	-0.003091	1 822051	-1.1010/8
1	2.003200 1.798308 0.940149 2.224017 2.620620 0.564549	1	-1./19/22	-1.032834	1.04193/
1	2.22471/ 2.030020 -0.304348	1	-2.47047/	-2.194120	0.139931 1 /28615
1	2.321230 0.409420 -1.73071 2.662711 1.711702 1.072157	1	-2.141032	0.242240	1.430043
1	3.003411 -1.411/33 -1.9/3134 3.774159 -2.384000 0.501624	1	-5.552159	2.232900	0.0/21/1
1	5.774137 - 2.304007 - 0.301034 5.074007 - 1.206511 - 0.025451	1	-3.009109	2 211162	0.244093
1	3.567288 -1.270311 -0.923431	1	-5.500459	_0 570596	-0.037234
1	4 833271 -0.092073 1.350910	1	-3.120024	0 117643	-1.10104/
1	-1.0004 + 1 = 0.0040 + 0 = 1.000000000000000000000000000000000	1	-2.2000+0	v_{11}/v_{7}	4.411047

1	3.269811	0.520880	1.863213	1	-3.605275	-1.414862	-1.424782
b' ₁₅	0.595046	0 700270	0.020416	b' ₁₇	1 072217	1 117/7/	0.250044
6	-0.585046	-0./903/0	-0.039416	6	1.0/331/	-1.11/0/4	-0.359844
6	-1.109442	0.38/440	-0.404308	0	0.820090	1 222205	-0.782284
6	-2.234433	0 361407	1 211803	6	2 942191	0.990300	0.392317
6	-2.918158	-1 152611	0.915055	6	2.649850	-0 155041	1 384232
6	-2.006386	-1.374274	-0.274471	6	1.242527	-0.648216	1.109409
6	-2.324285	-0.269581	-1.273736	6	0.408306	0.600202	0.852560
6	-2.693419	2.505355	-0.164327	6	1.518315	2.734075	-0.843859
6	0.382342	-1.355788	-1.088891	6	-0.141985	-2.032837	-0.580054
6	1.672650	-0.582453	-1.371438	6	-1.499905	-1.743072	0.061554
6	2.721657	-0.670591	-0.307582	6	-2.284832	-0.636170	-0.575707
6	3.508032	0.301546	0.158832	6	-3.096383	0.246835	0.015849
6	3.457659	1.731893	-0.279525	6	-3.351668	0.315633	1.490159
6	0.001584	-0.883650	1.356459	6	2.261199	-1.783773	-1.037910
6	4.559958	0.007431	1.183458	6	-3.877198	1.234713	-0.794931
1	-0.525/26	1.255432	-1.086163	l 1	0.039445	0.594616	-1.485/68
1	-2.193004	2.921128	-1.032013	1	0.539239	2.901105	-1.281220
1	-3.772439	2.332539	-0.287200	1	2 268018	2.442427 2.022216	-0.039920
1	-3 975363	0 736834	1 316959	1	3 315690	1 880632	0.891596
1	-2 454429	0.592042	2 151915	1	3 706318	0 706575	-0 332805
1	-2.585026	-1.716762	1.781068	1	3.380341	-0.954240	1.300390
1	-3.922138	-1.496554	0.674435	1	2.708501	0.227333	2.401450
1	-2.048395	-2.392532	-0.653011	1	0.874880	-1.323466	1.877530
1	-1.891187	-0.331184	-2.266873	1	-0.668924	0.503798	0.731373
1	-3.352268	0.076001	-1.374290	1	0.611952	1.505151	1.423788
1	-0.654791	-0.494705	2.129290	1	3.169378	-1.190075	-1.019836
1	0.210983	-1.924506	1.596370	1	2.479036	-2.735666	-0.557872
1	0.943181	-0.344396	1.407779	1	2.028155	-1.991512	-2.080452
1	-0.144446	-1.481149	-2.036040	1	0.177328	-3.017254	-0.237128
l	0.633677	-2.367862	-0.767195	l	-0.285444	-2.132121	-1.658117
1	1.450/62	0.455652	-1.61///5	l 1	-1.400785	-1.603880	1.13/668
1	2.084/03	-1.00/549	-2.289981	1	-2.0/6924	-2.00449/	-0.046249
1	2.88/830	-1.0/0819	0.079083	1	-2.240234	-0.014632	-1.000/8/
1	4.308771	-1.040089	2 081306	1	-3.677040	2 257801	-1.039023
1	5 549305	0.261726	0.802420	1	-4 946901	1 092577	-0.488017
1	3 339422	2 391589	0.580795	1	-3 226372	1 334067	1 859351
1	4 398632	2.011648	-0 753864	1	-4 386632	0.042506	1 697524
1	2.662146	1.946382	-0.986842	1	-2.722375	-0.345904	2.078269
b' ₁₈	0.770075	1.007/7/	0.222020				
6	-0.//89/5	-1.02/0/0	0.523820				
6 6	-0./40009	0.498814	0.420193				
0	-1.933392	1.220/00	0.3833/4				
0	-3.246020	-0.737680	-0.626305				
6	-1 647733	-0.914651	-0.020505				
6	-1 123691	0 485732	-1 245028				
6	-1 924326	2 701701	0.539550				
6	0.602587	-1.655695	0.085393				
6	1.536767	-1.182635	-1.034514				

2.212319 0.147886 -0.833729

3.258822 0.392413 -0.039474

3.927424 -0.643476 0.807844

6

6

6	-1.380928	-1.733747	1.529996
6	3.872950	1.755212	0.034834
1	0.173977	1.027277	0.665201
1	-0.926857	3.124375	0.476483
1	-2.586839	3.189893	-0.170478
1	-2.318553	2.915217	1.535209
1	-4.002843	1.207626	-0.109449
1	-3.548416	0.260114	1.278109
1	-3.528304	-1.616375	-0.138827
1	-3.680156	-0.587370	-1.545236
1	-1.472286	-1.660763	-1.727513
1	-0.122549	0.599208	-1.642044
1	-1.771859	1.198847	-1.753012
1	-2.353971	-1.354826	1.824256
1	-1.490630	-2.796358	1.322992
1	-0.719343	-1.636599	2.388461
1	0.408557	-2.717776	-0.072672
1	1.149977	-1.588912	1.025933
1	1.023552	-1.198611	-1.997050
1	2.301465	-1.953504	-1.126914
1	1.865222	0.981112	-1.437410
1	3.352028	2.475411	-0.591176
1	4.914074	1.721581	-0.286230
1	3.877716	2.126910	1.059945
1	4.990756	-0.687237	0.572848
1	3.857345	-0.380691	1.863980
1	3.516548	-1.639975	0.679963

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c	1	
-	1	

•1			
6	-1.008226	-0.431946	0.265116
6	-1.678105	0.882225	0.365628
6	-3.717652	0.140479	0.024339
6	-3.287907	-1.301194	-0.260155
6	-1.881248	-1.105676	-0.829748
6	-2.137255	0.043218	-1.800832
6	-2.596999	1.026494	-0.730834
1	-2.944445	2.020988	-0.982925
6	-1.493385	1.880116	1.417563
1	-0.616933	2.464855	1.113731
1	-2.324844	2.576311	1.474697
1	-1.270199	1.449738	2.388416
1	-4.652359	0.440949	-0.444392
1	-3.823118	0.362584	1.085836
1	-3.326459	-1.931768	0.621714
1	-3.929580	-1.755840	-1.010391
1	-1.424274	-1.998937	-1.243958
1	-1.267432	0.390946	-2.348523
1	-2.926990	-0.175777	-2.514250
6	-0.877316	-1.212056	1.563867
1	-0.398320	-2.167734	1.363221
1	-0.271195	-0.688507	2.296158
1	-1.843456	-1.414414	2.017570
6	0.413532	-0.097591	-0.337924
1	0.342468	0.702013	-1.075189
1	0.703360	-0.987127	-0.897328
6	1.521168	0.254350	0.650176
1	1.207430	1.065269	1.312312
1	1.735638	-0.595649	1.290820
6	2.748064	0.683343	-0.091900

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6	-1.114956	-0.426871	0.513348
6	-1.348763	0.913601	-0.067676
6	-3.522547	0.701949	-0.304961
6	-3.560104	-0.762014	0.142242
6	-2.171037	-1.255170	-0.269275
6	-2.076298	-0.666014	-1.673982
6	-2.195030	0.784696	-1.222362
1	-2.223108	1.601654	-1.933033
6	-0.845560	2.184649	0.448382
1	0.166584	2.282216	0.037732
1	-1.412795	3.034341	0.080471
1	-0.756361	2.205778	1.529689
1	-4.325885	0.995626	-0.977318
1	-3.540766	1.412355	0.521053
1	-3.774210	-0.871881	1.199992
1	-4.323236	-1.313398	-0.400758
1	-2.017971	-2.326148	-0.180232
1	-1.150147	-0.868878	-2.202170
1	-2.905936	-0.959523	-2.311407
6	-1.210503	-0.518752	2.028070
1	-1.053392	-1.548947	2.339662
1	-0.462421	0.090804	2.524760
1	-2.185612	-0.207816	2.392157
6	0.330271	-0.810685	0.004322
1	0.506159	-0.427479	-1.000257
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6	1.508125	-0.397794	0.882438
1	1.506863	0.675221	1.065320
1	1.423019	-0.877892	1.857391
6	2.792330	-0.824714	0.243295

	0 (55015	1 (00010	0 (0 500 5		0 000 50 1	1 00 (100	0 115045
I	2.655817	1.623210	-0.625925	I	2.898/21	-1.896439	0.115845
6	3.918868	0.046464	-0.168231	6	3.802398	-0.054723	-0.166653
6	5.050064	0.629633	-0.956149	6	5.025389	-0.665733	-0.776767
1	4 781261	1 573962	-1 421310	1	4 951788	-1 747581	-0.842330
1	5 270590	0.050056	1 729041	1	5 010740	0.410057	0.100153
1	5.570580	-0.039030	-1.758041	1	5.910749	-0.419937	-0.190133
I	5.915505	0.799162	-0.315396	I	5.195200	-0.272220	-1.//9211
6	4.237706	-1.254391	0.498092	6	3.851615	1.436883	-0.056040
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1	5.407074	1.004404	1.049079	1	2.901023	1.070204	0.505005
C3	1 0 1 (0	0.400106	0.4400.47	C ₄	0.055054	0.005065	0.0(0(0)
6	-1.07/169	0.492136	0.449946	6	-0.957054	0.295365	0.363621
6	-1.841365	0.646175	-0.801375	6	-1.824400	0.738444	-0.744222
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6	-1 391813	-0 984724	0 796374	6	-1 619011	-1 060439	0 717135
6	1.371013	1 655560	0.770574	6	1.01/011	1 621200	0.717133
0	-1.344/00	-1.055500	-0.373030	0	-1.900101	-1.021809	-0.03/81/
6	-2.268550	-0.650802	-1.253485	6	-2.660283	-0.357950	-1.154320
1	-2.565613	-0.763312	-2.288950	1	-3.127193	-0.312695	-2.130599
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1	-2 936821	1 813278	-2 206085	1	-2 759640	2 261030	-1 900580
1	2.950021	2 714662	0.766416	1	1 701221	2.201050	0.584504
1	-2.3020/1	2.714002	-0.700410	1	-1./01221	2.804004	-0.364394
1	-4.202410	-1.390424	-0.65/961	1	-4.612/43	-0.585/19	-0.2/2/49
1	-4.064220	0.281368	-0.186916	1	-3.947473	0.950745	0.209968
1	-3.208835	-0.450099	1.928589	1	-3.020737	-0.125637	2.140588
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1	0.261052	1.609506	1.021259	1	1 112020	1.007007	1 260522
1	-0.301033	-1.098300	-1.031238	1	-1.113939	-1.902244	-1.209333
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1	0.599080	1 750206	0.016267	0	0.421095	1 111020	-0.380079
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6	1.460701	0.146049	0.896644	6	1.447918	-0.694496	0.414352
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1	1.413951	-0.938942	0.936120	1	1.068653	-1.702815	0.579741
6	2 816209	0.613753	0 474120	6	2 732441	-0 775363	-0 346375
1	2.01020)	1 669/10	0.628606	1	2.752111	1 429901	1 211524
ſ	2,70,500	1.006419	0.038090	I	2./1210/	-1.420001	-1.211324
6	3./95893	-0.112944	-0.069941	6	3.8//340	-0.142058	-0.0//8/2
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c 5				c ₆			
6	-1.129365	-0.502693	0.595329	6	-1.090550	0.260721	0.682242
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6	1 960922	1 1 1 0 5 0 5	0.500412	0	1 /05020	1 227610	0.151410
υ	-1.0000003	-1.147303	-0.009380	0	-1.473709	-1.22/019	0.313003

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1	-3 920334	-1 359759	-1 223906
1	-1 560428	-2 175402	-0 798506
1	-0.608900	-0.080177	-2 104299
1	-0.0000000	-0.315507	-2.104299
6	-1.6/3806	-0.946752	1 072365
1	-1.043690	-0.940732	1.972303
1	-1.033/00	-2.033828	2.000420
1	-0.988082	-0.000303	2.707110
l	-2.649536	-0.596540	2.188344
6	0.4204/5	-0./44866	0.638308
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l	0.814231	-0.150248	1.462613
6	1.303714	-0.519458	-0.584996
1	0.987859	-1.172978	-1.398563
1	1.223539	0.505192	-0.946908
6	2.723527	-0.846943	-0.241136
1	2.908377	-1.895917	-0.037818
6	3.761992	-0.012464	-0.162252
6	5.123739	-0.523993	0.191274
1	5.122714	-1.594973	0.373030
1	5.504656	-0.025569	1.082892
1	5.832085	-0.315223	-0.610662
6	3.706215	1.460748	-0.419080
1	4.058541	2.009466	0.454682
1	4.374320	1.725338	-1.238628
1	2.715500	1.827433	-0.671267
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1	4.418148	-0.459933	0.050925
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1	1.510567	-0.696431	2.300180
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6	0.902662	-0.828103	-1.886617
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1	5.049290	0.243073	-0.751957
1	5.595922	0.48/814	0.980819
1	2 0 2 1 4 0 4	1 5 6 5 6 0 5	0 10000
6	3.931484	-1.565605	0.122989
6 1	3.931484 4.589078	-1.565605 -2.012793	0.122989 -0.622507
6 1 1	3.931484 4.589078 4.380202	-1.565605 -2.012793 -1.772622	0.122989 -0.622507 1.094460
6 1 1 1	3.931484 4.589078 4.380202 2.978090	-1.565605 -2.012793 -1.772622 -2.082735	0.122989 -0.622507 1.094460 0.079281
6 1 1 1	3.931484 4.589078 4.380202 2.978090	-1.565605 -2.012793 -1.772622 -2.082735	0.122989 -0.622507 1.094460 0.079281
6 1 1 1 c₈ 6	3.931484 4.589078 4.380202 2.978090	-1.565605 -2.012793 -1.772622 -2.082735	0.122989 -0.622507 1.094460 0.079281 0.164731
6 1 1 1 1 c₈ 6 6	3.931484 4.589078 4.380202 2.978090	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887
6 1 1 1 1 c₈ 6 6 6	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 2.026303	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646120
6 1 1 1 1 c₈ 6 6 6 6	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 2.225658	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 0.210221	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129
6 1 1 1 6 6 6 6 6	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 2.2320658	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386
6 1 1 1 6 6 6 6 6 6	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831
6 1 1 1 6 6 6 6 6 6 6 6 6	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831 -1.307994
6 1 1 1 6 6 6 6 6 6 6 6 6 6	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751 -2.241421	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737 1.116260	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831 -1.307994 -0.767596
6 1 1 1 6 6 6 6 6 6 6 6 6 1	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751 -2.241421 -2.347089	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737 1.116260 2.037010	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831 -1.307994 -0.767596 -1.327848
6 1 1 1 6 6 6 6 6 6 6 6 6 6 6 1 6	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751 -2.241421 -2.347089 -0.026258	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737 1.116260 2.037010 1.868418	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831 -1.307994 -0.767596 -1.327848 0.287779
6 1 1 1 6 6 6 6 6 6 6 6 6 6 6 1 6 1 6	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751 -2.241421 -2.347089 -0.026258 0.940797	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737 1.116260 2.037010 1.868418 1.592395	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831 -1.307994 -0.767596 -1.327848 0.287779 -0.146139
6 1 1 1 6 6 6 6 6 6 6 6 6 6 1 6 1 1	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751 -2.241421 -2.347089 -0.026258 0.940797 -0.308744	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737 1.116260 2.037010 1.868418 1.592395 2.871154	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831 -1.307994 -0.767596 -1.327848 0.287779 -0.146139 -0.011752
6 1 1 1 6 6 6 6 6 6 6 6 6 6 6 6 1 6 1 1 1	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751 -2.241421 -2.347089 -0.026258 0.940797 -0.308744 0.142339	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737 1.116260 2.037010 1.868418 1.592395 2.871154 1.818439	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831 -1.307994 -0.767596 -1.327848 0.287779 -0.146139 -0.011752 1.364054
6 1 1 1 1 6 6 6 6 6 6 6 6 6 6 1 6 1 1 1 1	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751 -2.241421 -2.347089 -0.026258 0.940797 -0.308744 0.142339 2.040461	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737 1.116260 2.037010 1.868418 1.592395 2.871154 1.818439 1.609667	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831 -1.307994 -0.767596 -1.327848 0.287779 -0.146139 -0.011752 1.364054 0 410827
6 1 1 1 1 6 6 6 6 6 6 6 6 6 6 1 6 1 1 1 1 1 1 1	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751 -2.241421 -2.347089 -0.026258 0.940797 -0.308744 0.142339 -3.940461 2.521462	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737 1.116260 2.037010 1.868418 1.592395 2.871154 1.818439 1.699667	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831 -1.307994 -0.767596 -1.327848 0.287779 -0.146139 -0.011752 1.364054 0.410837
6 1 1 1 1 6 6 6 6 6 6 6 6 6 6 1 6 1 1 1 1 1 1	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751 -2.241421 -2.347089 -0.026258 0.940797 -0.308744 0.142339 -3.940461 -2.521498	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737 1.116260 2.037010 1.868418 1.592395 2.871154 1.818439 1.699667 1.728850	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831 -1.307994 -0.767596 -1.327848 0.287779 -0.146139 -0.011752 1.364054 0.410837 1.423088
6 1 1 1 1 6 6 6 6 6 6 6 6 6 6 1 6 1 1 1 1 1 1 1 1	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751 -2.241421 -2.347089 -0.026258 0.940797 -0.308744 0.142339 -3.940461 -2.521498 -2.961957	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737 1.116260 2.037010 1.868418 1.592395 2.871154 1.818439 1.699667 1.728850 -0.554159	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831 -1.307994 -0.767596 -1.327848 0.287779 -0.146139 -0.011752 1.364054 0.410837 1.423088 2.012717
6 1 1 1 1 6 6 6 6 6 6 6 6 6 6 1 6 1 1 1 1 1 1 1 1 1 1	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751 -2.241421 -2.347089 -0.026258 0.940797 -0.308744 0.142339 -3.940461 -2.521498 -2.961957 -4.276557	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737 1.116260 2.037010 1.868418 1.592395 2.871154 1.818439 1.699667 1.728850 -0.554159 -0.604132	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831 -1.307994 -0.767596 -1.327848 0.287779 -0.146139 -0.011752 1.364054 0.410837 1.423088 2.012717 0.859800
6 1 1 1 1 6 6 6 6 6 6 6 6 6 6 1 1 1 1 1	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751 -2.241421 -2.347089 -0.026258 0.940797 -0.308744 0.142339 -3.940461 -2.521498 -2.961957 -4.276557 -2.497777	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737 1.116260 2.037010 1.868418 1.592395 2.871154 1.818439 1.699667 1.728850 -0.554159 -0.604132 -2.093510	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831 -1.307994 -0.767596 -1.327848 0.287779 -0.146139 -0.011752 1.364054 0.410837 1.423088 2.012717 0.859800 -0.116527
6 1 1 1 1 6 6 6 6 6 6 6 6 6 6 1 1 1 1 1	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751 -2.241421 -2.347089 -0.026258 0.940797 -0.308744 0.142339 -3.940461 -2.521498 -2.961957 -4.276557 -2.497777 -2.236641	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737 1.116260 2.037010 1.868418 1.592395 2.871154 1.818439 1.699667 1.728850 -0.554159 -0.604132 -2.093510 -0.523293	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831 -1.307994 -0.767596 -1.327848 0.287779 -0.146139 -0.011752 1.364054 0.410837 1.423088 2.012717 0.859800 -0.116527 -2.219223
6 1 1 1 1 6 6 6 6 6 6 6 6 6 6 1 1 1 1 1	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751 -2.241421 -2.347089 -0.026258 0.940797 -0.308744 0.142339 -3.940461 -2.521498 -2.961957 -4.276557 -2.497777 -2.236641 -3.810862	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737 1.116260 2.037010 1.868418 1.592395 2.871154 1.818439 1.699667 1.728850 -0.554159 -0.604132 -2.093510 -0.523293 -0.202824	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831 -1.307994 -0.767596 -1.327848 0.287779 -0.146139 -0.011752 1.364054 0.410837 1.423088 2.012717 0.859800 -0.116527 -2.219223 -1.496642
6 1 1 1 1 6 6 6 6 6 6 6 6 6 6 6 6 1 6 1	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751 -2.241421 -2.347089 -0.026258 0.940797 -0.308744 0.142339 -3.940461 -2.521498 -2.961957 -4.276557 -2.497777 -2.236641 -3.810862 -0.30517%	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737 1.116260 2.037010 1.868418 1.592395 2.871154 1.818439 1.699667 1.728850 -0.554159 -0.604132 -2.093510 -0.523293 -0.202824 -0.944297	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831 -1.307994 -0.767596 -1.327848 0.287779 -0.146139 -0.011752 1.364054 0.410837 1.423088 2.012717 0.859800 -0.116527 -2.219223 -1.496642 1.52567°
6 1 1 1 1 6 6 6 6 6 6 6 6 6 6 6 6 1 6 1	3.931484 4.589078 4.380202 2.978090 -0.886700 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751 -2.241421 -2.347089 -0.026258 0.940797 -0.308744 0.142339 -3.940461 -2.521498 -2.961957 -4.276557 -2.497777 -2.236641 -3.810862 -0.305178	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737 1.116260 2.037010 1.868418 1.592395 2.871154 1.818439 1.699667 1.728850 -0.554159 -0.604132 -2.093510 -0.523293 -0.202824 -0.944297 2.022824	0.122989 -0.622507 1.094460 0.079281 0.164731 -0.123887 0.646129 0.989386 -0.059831 -1.307994 -0.767596 -1.327848 0.287779 -0.146139 -0.011752 1.364054 0.410837 1.423088 2.012717 0.859800 -0.116527 -2.219223 -1.496642 1.525678
6 1 1 1 1 6 6 6 6 6 6 6 6 6 6 6 6 1	3.931484 4.589078 4.380202 2.978090 -0.984213 -3.026393 -3.235658 -2.370069 -2.740751 -2.241421 -2.347089 -0.026258 0.940797 -0.308744 0.142339 -3.940461 -2.521498 -2.961957 -4.276557 -2.236641 -3.810862 -0.305178 -0.309687 -0.309687	-1.565605 -2.012793 -1.772622 -2.082735 -0.602112 0.849805 1.158566 -0.319321 -1.016815 -0.218737 1.116260 2.037010 1.868418 1.592395 2.871154 1.818439 1.699667 1.728850 -0.554159 -0.604132 -2.093510 -0.523293 -0.202824 -0.944297 -2.022483	0.122989 -0.622507 1.094460 0.079281 -0.123887 0.646129 0.989386 -0.059831 -1.307994 -0.767596 -1.327848 0.287779 -0.146139 -0.011752 1.364054 0.410837 1.423088 2.012717 0.859800 -0.116527 -2.219223 -1.496642 1.525678 1.668446

-1.443262 -1.437873 -0.996752
1	1.670445	-0.283018	-2.428995	1	-0.880712	-0.502434	2.334833
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l	-2.202628	0.023146	-1.669100	l	2.1/4510	0.349039	-1.//5054
6	-3.310000	0.125/35	0.069052	0	3.312030	0.142850	-0.05//51
0	-4.1422/1	1.20/032	-0.455924	0	4.151922	1.550925	1 282284
1	-3.839999	1.300090	-1.430230	1	5.804514	1.049039	-1.202204
1	-4.084431	0.983681	-0.481337	1	4 094680	2 077191	0.494349
6	-3 689652	-0.359730	1 433914	6	3 724903	-0 577739	1 187035
1	-3 624359	0.451834	2 159143	1	4 747051	-0.941761	1.107055
1	-4 727375	-0 693368	1 441550	1	3 729089	0.100942	2 040352
1	-3 072944	-1 179072	1 789495	1	3 100069	-1 431041	1 430847
-	0.0727.	1.17,207	11,05 .50	-	2.100000	1	1110001,
C9	0 701 401	0 467460	0 101207	c ₁₀	0 707175	0 1 4 1 4 C 0	0 200045
0	0./21431	-0.40/409	0.19138/	6	-0./0/1/5	0.141460	0.209045
6	2.131400	-0.090112	-0.115509	6	-1.922400	0.972474	0.123830
6	2.889082	1.1/9/10	0.730130	6	-3.300037	-0.020300	0.515155
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1	2 660114	-2 323793	1 151170	1	-1 827147	2.000703	1 811976
1	3 644599	1 945111	0 588829	1	-4 353642	-0.962482	0 202247
1	3 297348	0.510097	1 512773	1	-3 510070	-0.083069	1 446541
1	1 183887	1 475694	2 101040	1	-1 976296	-1 914649	1 613932
1	1 463192	2 798028	0 988904	1	-2 697243	-2 668024	0 207965
1	-0.387978	1.433425	-0.041063	1	-0.418558	-1.902836	-0.541602
1	1.113829	0.890941	-2.151430	1	-1.486486	-0.268635	-2.320683
1	1.755278	2.341919	-1.380703	1	-2.675355	-1.511435	-1.928364
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1	0.270740	-2.093388	1.555163	1	0.255727	1.047283	1.987988
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6	-1.724860	-0.378733	0.784413	6	2.213961	-0.525773	-0.275255
6	-2.556388	1.619525	0.371152	6	2.790508	1.349354	0.666619
6	-1.942486	1.752051	-1.025287	6	1.384147	1.698200	1.155754
6	-0.703910	0.857902	-0.910593	6	0.502181	1.008121	0.111389
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6	-2.512493	-1.347656	1.541583	6	3.140234	-1.653179	-0.169767
1	-1.771513	-1.969617	2.059618	1	2.951701	-2.272382	-1.054264
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1	-2.481977	-2.154466	-1.382950	1	0.645090	-2.236979	1.506124
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1	0.105050	-1.873709	-1.628322	1	0.508344	-2.345165	-0.911261
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6	1.225463	-1.550314	0.163594	6	-1.445772	-1.532268	-0.662155
1	1.082099	-1.241622	1.199361	1	-1.754957	-2.284915	-1.392531
1	1.619798	-2.568060	0.228486	1	-1.616589	-1.985190	0.310552
6	2.242652	-0.704120	-0.540501	6	-2.281531	-0.310661	-0.859711
1	2.214533	-0.769443	-1.623410	1	-2.105272	0.217782	-1.791740
6	3.212116	0.034400	0.003138	6	-3.258619	0.148804	-0.073424
6	4.195823	0.762278	-0.858967	6	-4.053096	1.354447	-0.469764
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1	5.211395	0.425850	-0.649962	1	-3.987120	2.132158	0.291977
1	4.175047	1.833242	-0.654576	1	-5.109513	1.102278	-0.563246
6	3.438217	0.191894	1.474371	6	-3.680564	-0.468725	1.222591
l	4.400607	-0.239512	1.750717	1	-3.6/3885	0.275468	2.019345
1	3.486236	1.246842	1.746049	1	-4.707075	-0.828174	1.14/465
I	2.682599	-0.28/692	2.090160	1	-3.064/81	-1.306824	1.533638
c				C			
C ₁₄	0 91 3 3 0 8	-0 408030	0 403660	C ₁₅	0 762004	-0 30870/	-0.019631
6	2 039527	-0.536967	-0 563054	6	1 527041	0.951160	0.134675
6	2.037527	1 354229	0.043470	6	3 287048	0.303783	-0.995402
6	1 807667	1 731477	1 015429	6	2 802903	-1 135205	-1 190153
6	0 599211	1 021731	0 399441	6	1 922017	-1 341109	0.043413
6	0.776529	1.395978	-1.068670	6	2.828692	-0.761061	1.125939
6	2.135159	0.726168	-1.229241	6	2.871493	0.642052	0.532393
1	2.703410	0.790434	-2.148809	1	3.475423	1.428504	0.968094
6	2.938920	-1.669187	-0.785842	6	1.028814	2.301679	-0.117463
1	2.437748	-2.302662	-1.526509	1	0.488018	2.585887	0.793152
1	3.882880	-1.366178	-1.228919	1	1.829197	3.023811	-0.245993
1	3.095451	-2.272965	0.102429	1	0.317236	2.347860	-0.936047
1	3.464160	2.195382	-0.388628	1	4.367497	0.431202	-1.004622

1	3 682468	0 698004	0 472819
1	2 021929	1 431711	2 036002
1	1 644828	2 805972	1.019212
1	0.358160	1 260288	0.838810
1	-0.338100	1.209288	1 740099
1	0.027090	0.990483	-1./40988
I	0.832770	2.469670	-1.226253
6	1.243154	-1.102534	1.765223
I	0.475306	-0.826474	2.482830
1	1.276352	-2.188781	1.721245
1	2.196335	-0.754794	2.155819
6	-0.191644	-1.361395	-0.299826
1	0.232716	-2.349477	-0.482888
1	-0.448011	-0.941938	-1.270149
6	-1.480085	-1.561565	0.510889
1	-2.055886	-2.299983	-0.046270
1	-1.237464	-2.042241	1.457109
6	-2.317859	-0.346942	0.769236
1	-2 167890	0 143605	1 724221
6	-3 269537	0 147679	-0.027116
6	-4 073495	1 341124	0.383277
1	-3 769645	1 725967	1 353158
1	-5 132274	1.087245	0.437564
1	-3.132274	2 1/2270	0.457504
1	-3.964421	2.143279	1 259211
0	-5.059112	-0.420700	-1.336311
1	-4.092393	-0./0/2/9	-1.30/330
1	-3.515440	0.320118	-2.143318
1	-3.059324	-1.302970	-1.6325/2
•			
C ₁₆	0 795209	0.002620	0.261747
0	-0./85508	-0.082039	0.201/4/
6	-1./810/6	0.906512	-0.212836
6	-3.552127	-0.1/34/3	0.484580
6	-2.781404	-1.411561	0.950532
6	-1.570940	-1.401052	0.015348
6	-2.261070	-1.132953	-1.319699
6	-2.831781	0.219153	-0.910335
1	-3.473811	0.790667	-1.569307
6	-1.746784	2.349374	0.019017
1	-1.036305	2.747897	-0.714505
1	-2.703169	2.825672	-0.172232
1	-1.363503	2.612476	1.000366
1	-4.586816	-0.355357	0.201822
1	-3.573900	0.630152	1.220138
1	-2.527778	-1.375477	2.004522
1	-3 364754	-2 314184	0 788531
1	-0 940472	_2 283092	0.068277
1	-1 602618	-1 070027	-2 1800277
1	-3 044840	_1 852312	-1 54001/
1 6	-0.202214	0.119221	1 685572
U	-0.292314	0.110231	1.003372

0.389051 -0.685287 1.951703

0.245255 1.053691 1.800109

-1.110857 0.118049 2.400456

0.383651 0.030584 -0.791130

-0.029618 0.222922 -1.781470

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1.922066 1.310015 -1.488604

2.586167 0.588193 0.399104

1.989474 -0.141899

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1.079481

1	2.892039	1.001752	-1.733172
1	2.285702	-1.279212	-2.132679
1	3 637760	1 830700	1 168007
1	1.572.474	-1.850799	-1.100997
I	1.5/34/4	-2.35/903	0.1946/0
1	2.425173	-0.781064	2.133124
1	3.812579	-1.221895	1.142966
6	0 106776	0 386010	1 265522
1	-0.100770	1 277922	1.205522
1	-0.545480	-1.3//822	-1.345389
1	-0.930073	0.319158	-1.231154
1	0.467089	-0.195777	-2.168928
6	-0.090937	-0 407311	1 303332
1	0.404224	0.042750	2146240
1	0.494224	-0.042730	2.140349
I	-0.219719	-1.475923	1.477274
6	-1.458805	0.276979	1.329637
1	-1 693354	0 437945	2 384731
1	-1 /136/3	1 273833	0 803/20
6	-1.+150+5	0.522214	0.073727
0	-2.303132	-0.555214	0.723876
1	-2.569549	-1.576283	1.023087
6	-3.555738	-0.116597	-0.063774
6	-4 616470	-1.067851	-0 523342
1	1.010170	2 074440	0.148686
1	-4.452507	-2.0/4449	-0.146060
I	-4.655739	-1.108665	-1.612353
1	-5.599932	-0.737774	-0.188375
6	-3.733620	1.287818	-0.549159
1	-3 817603	1 308133	-1 636165
1	-5.017005	1.300133	-1.050105
I	-4.003910	1./03549	-0.101052
1	-2.932939	1.960715	-0.255576
c ₁₈			
c ₁₈ 6	1.058616	0.858568	0.227544
c ₁₈ 6 6	1.058616 0.721086	0.858568	0.227544
c ₁₈ 6 6	1.058616 0.721086 2.768910	0.858568	0.227544 0.689111 0.328616
c ₁₈ 6 6 6	1.058616 0.721086 2.768910	0.858568 -0.512183 -1.318005	0.227544 0.689111 0.328616
c ₁₈ 6 6 6 6	1.058616 0.721086 2.768910 3.293406	0.858568 -0.512183 -1.318005 -0.056056	0.227544 0.689111 0.328616 -0.365143
c ₁₈ 6 6 6 6 6 6	1.058616 0.721086 2.768910 3.293406 2.009214	0.858568 -0.512183 -1.318005 -0.056056 0.534898	0.227544 0.689111 0.328616 -0.365143 -0.955994
c ₁₈ 6 6 6 6 6 6 6	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740
c ₁₈ 6 6 6 6 6 6 6	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1 468822	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189
c ₁₈ 6 6 6 6 6 6 6	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 2.487481	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 0.191311
c ₁₈ 6 6 6 6 6 6 6 6 1	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 0.851222	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311
c ₁₈ 6 6 6 6 6 6 6 1 6	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519
c ₁₈ 6 6 6 6 6 6 6 1 6 1 1	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166
c ₁₈ 6 6 6 6 6 6 6 1 6 1 1	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578
c ₁₈ 6 6 6 6 6 6 6 1 6 1 1 1	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845
c ₁₈ 6 6 6 6 6 6 6 1 6 1 1 1	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422
c ₁₈ 6 6 6 6 6 6 1 6 1 1 1 1	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880 1.282411	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422
c ₁₈ 6 6 6 6 6 6 1 6 1 1 1 1 1	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585 2.832766	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880 -1.282411	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422 1.415330
c ₁₈ 6 6 6 6 6 6 6 1 1 1 1 1 1 1 1	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585 2.832766 3.819293	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880 -1.282411 0.609156	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422 1.415330 0.311232
c ₁₈ 6 6 6 6 6 6 6 1 1 1 1 1 1 1 1 1	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585 2.832766 3.819293 3.982611	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880 -1.282411 0.609156 -0.314083	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422 1.415330 0.311232 -1.164918
c ₁₈ 6 6 6 6 6 6 6 1 1 1 1 1 1 1 1 1	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585 2.832766 3.819293 3.982611 2.157447	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880 -1.282411 0.609156 -0.314083 1 374286	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422 1.415330 0.311232 -1.164918 -1 628444
c ₁₈ 6 6 6 6 6 6 6 1 1 1 1 1 1 1 1 1 1	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585 2.832766 3.819293 3.982611 2.157447 0.452196	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880 -1.282411 0.609156 -0.314083 1.374286 -0.594027	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422 1.415330 0.311232 -1.164918 -1.628444 -2.067652
c ₁₈ 6 6 6 6 6 6 6 1 1 1 1 1 1 1 1 1 1 1	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585 2.832766 3.819293 3.982611 2.157447 0.452196	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880 -1.282411 0.609156 -0.314083 1.374286 -0.594027	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422 1.415330 0.311232 -1.164918 -1.628444 -2.067652 2.240427
$\begin{array}{c} \mathbf{c_{18}} \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 1 \\ 1 \\ 1 \\ 1$	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585 2.832766 3.819293 3.982611 2.157447 0.452196 2.081201	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880 -1.282411 0.609156 -0.314083 1.374286 -0.594027 -1.234872	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422 1.415330 0.311232 -1.164918 -1.628444 -2.067652 -2.240437
$\begin{array}{c} \mathbf{c_{18}} \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 1$	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585 2.832766 3.819293 3.982611 2.157447 0.452196 2.081201 1.704245	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880 -1.282411 0.609156 -0.314083 1.374286 -0.594027 -1.234872 1.693051	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422 1.415330 0.311232 -1.164918 -1.628444 -2.067652 -2.240437 1.343542
$\begin{array}{c} \mathbf{c_{18}} \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 1$	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585 2.832766 3.819293 3.982611 2.157447 0.452196 2.081201 1.704245 2.159464	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880 -1.282411 0.609156 -0.314083 1.374286 -0.594027 -1.234872 1.693051 2.576566	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422 1.415330 0.311232 -1.164918 -1.628444 -2.067652 -2.240437 1.343542 0.901628
$\begin{array}{c} \mathbf{c_{18}} \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 1$	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585 2.832766 3.819293 3.982611 2.157447 0.452196 2.081201 1.704245 2.159464 0.962487	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880 -1.282411 0.609156 -0.314083 1.374286 -0.594027 -1.234872 1.693051 2.576566 2.030751	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422 1.415330 0.311232 -1.164918 -1.628444 -2.067652 -2.240437 1.343542 0.901628 2.061986
$\begin{array}{c} \mathbf{c_{18}} \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 1$	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585 2.832766 3.819293 3.982611 2.157447 0.452196 2.081201 1.704245 2.159464 0.962487 2.477523	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880 -1.282411 0.609156 -0.314083 1.374286 -0.594027 -1.234872 1.693051 2.576566 2.030751 1.157072	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422 1.415330 0.311232 -1.164918 -1.628444 -2.067652 -2.240437 1.343542 0.901628 2.061986 1.887032
$\begin{array}{c} \mathbf{c_{18}} \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 1$	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585 2.832766 3.819293 3.982611 2.157447 0.452196 2.081201 1.704245 2.159464 0.962487 2.477523 0.228962	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880 -1.282411 0.609156 -0.314083 1.374286 -0.594027 -1.234872 1.693051 2.576566 2.030751 1.157072 1.654672	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422 1.415330 0.311232 -1.164918 -1.628444 -2.067652 -2.240437 1.343542 0.901628 2.061986 1.887032
$\begin{array}{c} \mathbf{c_{18}} \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 1 \\ 1 \\ 1 \\ 1$	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585 2.832766 3.819293 3.982611 2.157447 0.452196 2.081201 1.704245 2.159464 0.962487 2.477523 -0.228863	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880 -1.282411 0.609156 -0.314083 1.374286 -0.594027 -1.234872 1.693051 2.576566 2.030751 1.157072 1.654673	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422 1.415330 0.311232 -1.164918 -1.628444 -2.067652 -2.240437 1.343542 0.901628 2.061986 1.887032 -0.178538
$\begin{array}{c} \mathbf{c_{18}} \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 1 \\ 1 \\ 1 \\ 1$	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585 2.832766 3.819293 3.982611 2.157447 0.452196 2.081201 1.704245 2.159464 0.962487 2.477523 -0.228863 0.151113	0.858568 - 0.512183 - 1.318005 - 0.056056 0.534898 - 0.727201 - 1.468822 - 2.487481 - 0.851223 - 0.746633 - 1.880060 - 0.160713 - 2.238880 - 1.282411 0.609156 - 0.314083 1.374286 - 0.594027 - 1.234872 1.693051 2.576566 2.030751 1.157072 1.654673 2.632560	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422 1.415330 0.311232 -1.164918 -1.628444 -2.067652 -2.240437 1.343542 0.901628 2.061986 1.887032 -0.178538 -0.476182
$\begin{array}{c} \mathbf{c_{18}} \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 1 \\ 1 \\ 1 \\ 1$	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585 2.832766 3.819293 3.982611 2.157447 0.452196 2.081201 1.704245 2.159464 0.962487 2.477523 -0.228863 0.151113 -0.793945	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880 -1.282411 0.609156 -0.314083 1.374286 -0.594027 -1.234872 1.693051 2.576566 2.030751 1.157072 1.654673 2.632560 1.808961	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422 1.415330 0.311232 -1.164918 -1.628444 -2.067652 -2.240437 1.343542 0.901628 2.061986 1.887032 -0.178538 -0.476182 0.740387
$\begin{array}{c} \mathbf{c_{18}} \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 1 \\ 1 \\ 1 \\ 1$	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585 2.832766 3.819293 3.982611 2.157447 0.452196 2.081201 1.704245 2.159464 0.962487 2.477523 -0.228863 0.151113 -0.793945 -1.193361	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880 -1.282411 0.609156 -0.314083 1.374286 -0.594027 -1.234872 1.693051 2.576566 2.030751 1.157072 1.654673 2.632560 1.808961 1.145503	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422 1.415330 0.311232 -1.164918 -1.628444 -2.067652 -2.240437 1.343542 0.901628 2.061986 1.887032 -0.178538 -0.476182 0.740387 -1.244302
$\begin{array}{c} \mathbf{c_{18}} \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 1$	1.058616 0.721086 2.768910 3.293406 2.009214 1.399656 1.264435 0.899491 0.084901 -0.988894 0.265478 0.340209 3.259585 2.832766 3.819293 3.982611 2.157447 0.452196 2.081201 1.704245 2.159464 0.962487 2.477523 -0.228863 0.151113 -0.793945 -1.193361 -1.923864	0.858568 -0.512183 -1.318005 -0.056056 0.534898 -0.727201 -1.468822 -2.487481 -0.851223 -0.746633 -1.880060 -0.160713 -2.238880 -1.282411 0.609156 -0.314083 1.374286 -0.594027 -1.234872 1.693051 2.576566 2.030751 1.157072 1.654673 2.632560 1.808961 1.145503 1.942298	0.227544 0.689111 0.328616 -0.365143 -0.955994 -1.562740 -0.238189 -0.191311 1.960519 1.774166 2.255578 2.758845 0.021422 1.415330 0.311232 -1.164918 -1.628444 -2.067652 -2.240437 1.343542 0.901628 2.061986 1.887032 -0.178538 -0.476182 0.740387 -1.244302 -1.381730

-0.693937 1.060610 -2.207395

-1.898877 -0.134821 -0.905960

1

1	2.496937	0.860973	1.442658
6	3.670199	-0.104504	0.040791
6	4.706011	-0.484572	1.051608
1	4.446174	-0.145335	2.050626
1	5.672770	-0.055245	0.787959
1	4.842674	-1.565792	1.080412
6	3.968549	-0.551186	-1.355667
1	4.927452	-0.148957	-1.682625
1	4.061904	-1.636807	-1.394319
1	3.217150	-0.254573	-2.081265

\mathbf{d}_1			
6	-0.935192	0.040693	-0.557892
6	-1.776161	0.820063	0.395703
6	-2.898468	-1.339574	0.895391
6	-1.822896	-1.916566	-0.030053
6	-1.788294	-0.883540	-1.262576
6	-3.193852	-0.298376	-1.189487
6	-3.118726	0.049282	0.292471
1	-3.955839	0.603375	0.705838
6	-1.891423	2.229837	-0.239540
1	-2.233470	2.222971	-1.269799
1	-2.611703	2.792850	0.349686
1	-0.938084	2.749612	-0.196533
1	-3.814685	-1.920867	0.834475
1	-2.593058	-1.323754	1.936289
1	-0.857425	-2.056437	0.456668
1	-2.075733	-2.873036	-0.482411
1	-1.409000	-1.323974	-2.176921
1	-3.334465	0.545149	-1.858446
1	-3.953868	-1.042070	-1.413374
6	-1.256296	0.964606	1.823904
1	-0.903132	0.027104	2.243548
1	-0.452985	1.689323	1.894930
1	-2.073803	1.319680	2.448238
6	0.495785	0.139467	-0.844205
1	0.488622	0.842457	-1.695546
1	0.830743	-0.794415	-1.298487
6	1.496224	0.627714	0.203426
1	1.232434	1.636144	0.520720
1	1.440050	-0.006296	1.084000
6	2.876783	0.637161	-0.370666
1	3.028711	1.341084	-1.181900
6	3.921559	-0.101771	0.009066
6	5.246268	0.054910	-0.669584
1	5.215426	0.797634	-1.461669
1	5.574249	-0.891962	-1.098459
1	6.009825	0.353977	0.048505
6	3.909685	-1.112798	1.111581
1	4.234500	-2.082493	0.734776
1	4.621501	-0.828734	1.886497
1	2.941213	-1.243972	1.584131

1	-1.498941	-1.045755	-1.337675
6	-3.017121	-0.258585	-0.180811
6	-3.644154	-1.598396	0.044329
1	-3.077928	-2.401620	-0.420029
1	-4.653812	-1.618249	-0.366038
1	-3.744218	-1.812671	1.109414
6	-3.750596	0.887698	0.439671
1	-4.773047	0.923416	0.063701
1	-3.829422	0.754077	1.519435
1	-3.291842	1.853103	0.251714

 \mathbf{d}_2

6	-0.938452	-0.325680	-0.382599
6	-1.597017	0.917795	0.111691
6	-3.348612	-0.586747	1.025792
6	-2.400486	-1.688504	0.543835
6	-1.955071	-1.191825	-0.922082
6	-3.126773	-0.291580	-1.293281
6	-3.091154	0.517593	-0.001752
1	-3.762271	1.368807	0.058781
6	-1.227582	2.001639	-0.933465
1	-1.461207	1.726670	-1.957417
1	-1.795925	2.895931	-0.688049
1	-0.170266	2.245487	-0.875901
1	-4.383510	-0.913692	0.969491
1	-3.158034	-0.288269	2.051243
1	-1.567023	-1.872754	1.222568
1	-2.869445	-2.654959	0.372183
1	-1.639713	-2.001749	-1.568825
1	-2.950281	0.274981	-2.202514
1	-4.047859	-0.854880	-1.415474
6	-1.193044	1.414343	1.497428
1	-1.185843	0.626750	2.245261
1	-0.215142	1.882781	1.493750
1	-1.915004	2.164762	1.813305
6	0.479962	-0.686131	-0.415064
1	0.761390	-0.343869	-1.425820
1	0.560399	-1.771639	-0.493384
6	1.479582	-0.129251	0.596900
1	1.531276	0.952234	0.519614
1	1.132091	-0.359669	1.605029
6	2.825371	-0.746971	0.384027
1	2.868843	-1.815847	0.563200
6	3.955238	-0.135119	0.023234
6	5.224788	-0.914153	-0.123576
1	5.081896	-1.972045	0.077654
1	5.985441	-0.537062	0.560056
1	5.628574	-0.807438	-1.130372
6	4.095849	1.329250	-0.248422
1	4.812195	1.770814	0.444199
1	4.495464	1.489324	-1.249617
1	3.168361	1.887368	-0.164950

d ₃				\mathbf{d}_4			
6	0.863476	0.040628	0.136052	6	-0.910064	0.221912	-0.321531
6	2.030429	0.969354	0.089677	6	-2.083290	0.871212	0.334355
6	3.195059	-0.913716	-1.034398	6	-2.736215	-1.444207	0.949968

6	1.815188 -1.569648 -0.956152	6	-1.388978 -1.793432 0.3	15127
6	1.319566 -1.248116 0.560442	6	-1.369527 -0.917830 -1.0	56285
6	2.661184 -1.033469 1.249128	6	-2.863158 -0.721267 -1.2	80610
6	3.198266 -0.041261 0.221524	6	-3.160764 -0.224661 0.1	30843
1	4.147285 0.431527 0.453925	1	-4.169677 0.129315 0.3	17981
6	1.913889 1.845216 1.362563	6	-2.398634 2.120496 -0.5	26492
1	1 752734 1 281716 2 276568	1	-2 460217 1 921976 -1 5	92223
1	2 843725 2 398735 1 469579	1	-3 359939 2 511741 -0 2	02155
1	1 104273 2 562427 1 257919	1	-1 649080 2 890717 -0 3	66385
1	3 982758 -1 659893 -0 972945	1	-3 449937 -2 252334 0.8	13543
1	3 342314 -0 360232 -1 955871	1	-2 659382 -1 254635 -2 0	15512
1	1 128432 -1 241907 -1 735877	1	-0.537318 -1.622133 .0.9	72764
1	1.816000 -2.656852 -0.000553	1	-1.2960/1 -2.816671 -0.0	/1086
1	0.600821 - 1.060108 - 0.970333	1		15878
1	0.000821 - 1.909198 0.924841 2.554026 0.645026 2.257657	1	-0.751987 -1.548882 -1.8	76520
1	2.334920 -0.043920 2.237037	1	-5.075810 -0.014220 -2.0	14060
I C	3.243/18 - 1.949349 1.290//1	l	-5.303804 -1.030934 -1.3	14009
0	2.081400 1.882964 -1.127902	6	-1.855309 1.314/55 1./	/3315
1	2.013458 1.338319 -2.066053	1	-1.483187 0.513493 2.4	06291
l	1.2/9108 2.616388 -1.105/95	l	-1.149105 2.139682 1.8	25724
1	3.021695 2.429557 -1.127284	l	-2.795134 1.663883 2.1	94957
6	-0.501891 0.400589 -0.251656	6	0.477308 0.664518 -0.1	70852
1	-0.468652 0.893188 -1.227296	1	0.688808 0.819656 0.89	90150
1	-0.768875 1.221251 0.428598	1	0.470849 1.687382 -0.5	74014
6	-1.571381 -0.685212 -0.204379	6	1.572149 -0.157188 -0.8	43263
1	-1.254272 -1.527092 -0.825196	1	1.559124 -1.173271 -0.4	53752
1	-1.665938 -1.063269 0.810826	1	1.363396 -0.226196 -1.9	12756
6	-2.879320 -0.168089 -0.713241	6	2.911325 0.477557 -0.6	42363
1	-2.880462 0.112790 -1.760891	1	3.028802 1.448437 -1.1	11412
6	-4.021745 -0.032930 -0.036823	6	3.956840 -0.016742 0.0	23725
6	-5.247882 0.489062 -0.718282	6	5.235464 0.756646 0.10	08896
1	-5.065354 0.730548 -1.761613	1	5.172940 1.710195 -0.4	07769
1	-5.615749 1.384516 -0.217459	1	6.056366 0.186731 -0.3	26302
1	-6.051303 -0.246259 -0.674167	1	5.503014 0.946214 1.14	48428
6	-4.218348 -0.381279 1.404614	6	3.990313 -1.340975 0.7	18980
1	-4.589353 0.484582 1.952692	1	4.767050 -1.971085 0.2	85984
1	-4 978178 -1 156632 1 501598	1	4 250484 -1 207673 1 7	68933
1	-3 320551 -0 733291 1 903022	1	3 055071 -1 890132 0 6	72070
dء		da		
	-0 867402 -0 311778 0 052732	6	0811338 -0031891 -00	93549
6	-1 623010 0 960172 0 194878	6	1 941486 0 921703 0 0	57301
6	-3 611199 -0 467858 0 657194	6	3 378514 _0.894220 _0.8	54023
6	-2 608021 -1 624366 0 584712	6	2 052577 -1 639711 -1 0	37717
6	-1.682484 -1.253196 -0.675124	6	1 250116 -1 339955 0 3	23509
6		6	2 414011 -1 00084 1 2	20000
6	2.054140 - 0.596519 - 1.466291 2.015779 - 0.522464 - 0.224559	6	2.414011 -1.090004 1.2	04142
1	2 655010 1 277160 0 575655	1	2 068772 0 443627 0 8	15022
6	-5.055010 1.577109 -0.575055	1	1605606 + 1805145 + 120	15055
0	-0.950020 1.970809 -0.709232	0		11100
1	-0.850290 1.012930 -1.789735	1	1.35/800 1.243381 2.19	91129
1	-1.309043 2.803022 -0.781846	1	2.4802/3 2.400//9 1.50	71211
1	0.035272 2.247970 -0.406702	1	0.785862 2.478849 1.0	/1211
1	-4.594144 -0.784854 0.318904	1	4.191137 -1.589517 -0.6	00610
1	-3./2/065 -0.0/4428 1.6616/3	1	3.6552/1 -0.308296 -1.7	24230
1	-2.051339 -1./80556 1.507177	l	1.510/56 -1.356211 -1.9	38537
1	-3.050456 -2.583206 0.323447	1	2.148046 -2.723112 -1.0	61724
1	-1.196305 -2.118083 -1.109997	1	0.494729 -2.086067 0.5	38640
1	-2.185695 0.080392 -2.342684	1	2.093174 -0.727928 2.2	52870
1	-3.500396 -0.979976 -1.843951	1	3.012615 -1.984783 1.4	29410
6	-1.599580 1.550587 1.601887	6	2.162971 1.835372 -1.1	34771

1	-1.893176 0.835106 2.364863	1	2.233191 1.290606 -2.072198
1	-0.613439 1.929156 1.857600	1	1.364342 2.566317 -1.229537
1	-2.291862 2.388716 1.644780	1	3.092203 2.383660 -0.995592
6	0.462767 -0.590921 0.574888	6	-0.516531 0.266415 -0.613436
1	0.480114 -1.590061 1.011713	1	-0.863301 -0.557956 -1.234819
1	0.771774 0.129560 1.325204	1	-0.534922 1.184621 -1.193125
6	1 499782 -0 602065 -0 601309	6	-1 530782 0 378264 0 578852
1	1 191510 -1 356462 -1 324727	1	-1 542861 -0 560306 1 125773
1	1 488889 0 357224 -1 109149	1	-1 188252 1 148842 1 266638
6	2,852478 = 0.025201 = 0.067184	6	2 8 2 6 3 8 0 7 3 7 7 0 0 0 5 0 2 7 0
1	2.053476 -0.925391 -0.007184 2.067585 -1.027554 -0.202760	0	-2.882038 0.757709 $0.0592702.097402$ 1.762698 0.275904
I C	2.90/363 - 1.93/334 - 0.303/00	I C	-2.987402 1.702088 -0.273804
0	5.913975 -0.113194 -0.009739	0	
6	5.216044 -0.614596 0.532103	6	-5.252934 0.468859 -0.532652
l	5.156641 -1.650628 0.852/00	l	-5.186216 1.514346 -0.819324
1	5.535892 -0.009574 1.380580	1	-6.031068 0.371403 0.224267
1	5.999025 -0.534724 -0.221833	1	-5.584455 -0.105006 -1.398067
6	3.939702 1.307809 -0.468250	6	-3.985591 -1.496129 0.396205
1	4.255320 1.957812 0.347569	1	-4.713255 -1.639742 1.194747
1	4.674943 1.431316 -1.263168	1	-4.315280 -2.116879 -0.436678
1	2.986813 1.672781 -0.838650	1	-3.031416 -1.880824 0.743001
d ₈		d9	
6	1.016339 0.624213 -0.440356	6	0.803131 0.536264 0.166019
6	0.915100 -0.800930 -0.029080	6	2.260219 0.368654 -0.127244
6	2.961257 -0.378414 1.324027	6	1.626750 -1.918365 -0.847306
6	2.776742 1.068795 0.855721	6	0.217225 -1.387001 -0.596048
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6	2.413118 -1.166847 0.132916	6	2.438674 -1.138359 0.186095
1	2 580428 -2 238689 0 174709	1	3 478757 -1 434632 0 278787
6	0.302592 - 1.522393 - 1.261623	6	2 999460 1 237091 0 919684
1	0.302332 - 1.322333 - 1.201023 0.796033 -1.294650 -2.201652	1	2 659483 1 086812 1 940063
1	0.397237 -2.591321 -1.083647	1	4 055771 0 982589 0 878205
1	0.357257 - 2.351321 - 1.003047 0.750654 - 1.274403 - 1.340415	1	2,808246 2,202216 0,680042
1	-0.750054 - 1.274495 - 1.549415	1	1.694212 2.094069 0.641770
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I	2.632292 1.808698 -1.27/214	I	-0.606570 -0.595933 1.371151
1	2.817685 -0.783873 -2.013816	1	1.928023 -0.841190 2.324603
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6	0.052247 -1.108414 1.188961	6	2.691539 0.808339 -1.520071
1	0.304555 -0.494889 2.049274	1	2.109218 0.339230 -2.308858
1	-1.001240 -0.978043 0.966354	1	2.610124 1.886239 -1.637734
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6	-0.011363 1.656413 -0.614563	6	0.020470 1.718543 -0.215472
1	-0.160598 1.631412 -1.707282	1	0.140824 1.881437 -1.290214
1	0.478906 2.620032 -0.463870	1	0.583254 2.550175 0.228290
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d ₁₀		d ₁₁			
6	-0.900277 0.396399 -0.520621	6	0.659892	0.257608	-0.259641
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1	-3.817277 -0.029637 1.004277	1	3.512665	-0.579141	1.216153
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1	-3.432044 0.456445 -1.561471	1	1.087507	-1.144747	2.084703
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6	-1 090742 0 817624 1 961866	6	2,758760	1 609990	-0.683903
1	-0.519806 -0.081873 2.173716	1	2.845388	1 198573	-1 685756
1	-0.416128 1.666538 2.030534	1	2 297424	2 591012	-0.761621
1	-1 840981 0 931263 2 741436	1	3 763754	1 752835	-0 292735
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1	0 724625 1 644078 0 003827	1	-0.806899	0.505531	-1 728172
1	0.095216 1.683109 -1.638576	1	0.116265	1 979828	-1 357969
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1	2 172887 0 736866 -1 949145	1	-2 1013/1	2.105201	-0.526108
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1	1 828618 1 286304 0 340587	1	-2.208780	0.033607	1 560324
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1	4.233403 -0.327413 1.271003	1	-4.132391	-1.219024	0.830928
1	5.584019 -1.079221 1.711050	1	-3.020219	-1.3180/4	1.770484
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1	5.320982 0.396222 -0.913300	1	-5.048233	0./1/026	-0.91991/
I	3.934265 1.412128 -1.281314	1	-3.49/80/	1.09891/	-1.656482
		а			
u ₁₂	0 (78882 0 252082 0 470002	u ₁₅	1 009120	0 266222	0 706427
0	-0.078882 -0.232083 -0.470003	6	1.008129	-0.200323	-0./9043/
6	-1.843150 -0.701769 -0.340472	6	1.585/2/	-0.685814	0.526868
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1	5.234516	0.805757	0.071100	1	-3.785252	1.977109	0.881878
1	4.060764	2.025878	0.501048	1	-5.007819	1.048761	0.048802
6	3.183955	-0.417970	1.485233	6	-3.269351	-0.722056	1.290864
1	4.135116	-0.891285	1.729254	1	-3.135438	-0.127430	2.194719
1	3.061630	0.403809	2.190748	1	-4.292225	-1.097681	1.322256
1	2.401109	-1.147146	1.669389	1	-2.607376	-1.580468	1.341865
				-			
d ₁₆	0.046741	0.275007	0 (20200	d ₁₇	0.00500	0.261.421	0.024701
d ₁₆ 6	0.846741	-0.375987	-0.638298	d ₁₇ 6	-0.688560	-0.361421	-0.234721
d ₁₆ 6 6	0.846741 1.823311	-0.375987 -0.609663	-0.638298 0.475028	d ₁₇ 6 6	-0.688560 -2.050841	-0.361421 -0.672352	-0.234721 0.279929
d ₁₆ 6 6	0.846741 1.823311 1.685790	-0.375987 -0.609663 1.842460	-0.638298 0.475028 0.779591	d ₁₇ 6 6	-0.688560 -2.050841 -2.612111	-0.361421 -0.672352 1.646487	-0.234721 0.279929 -0.419087
d ₁₆ 6 6 6	0.846741 1.823311 1.685790 0.608350	-0.375987 -0.609663 1.842460 1.701625	-0.638298 0.475028 0.779591 -0.295588	d ₁₇ 6 6 6 6	-0.688560 -2.050841 -2.612111 -1.181016	-0.361421 -0.672352 1.646487 1.648167	-0.234721 0.279929 -0.419087 -0.963885
d ₁₆ 6 6 6 6	0.846741 1.823311 1.685790 0.608350 1.306882	-0.375987 -0.609663 1.842460 1.701625 0.742525	-0.638298 0.475028 0.779591 -0.295588 -1.406060	d ₁₇ 6 6 6 6 6	-0.688560 -2.050841 -2.612111 -1.181016 -0.314289	-0.361421 -0.672352 1.646487 1.648167 0.947073	-0.234721 0.279929 -0.419087 -0.963885 0.215209
d ₁₆ 6 6 6 6 6	0.846741 1.823311 1.685790 0.608350 1.306882 2.779055 2.60065	-0.375987 -0.609663 1.842460 1.701625 0.742525 0.943027 2.706927	-0.638298 0.475028 0.779591 -0.295588 -1.406060 -1.092947	d ₁₇ 6 6 6 6 6 6	-0.688560 -2.050841 -2.612111 -1.181016 -0.314289 -1.200289	-0.361421 -0.672352 1.646487 1.648167 0.947073 1.256106	-0.234721 0.279929 -0.419087 -0.963885 0.215209 1.417462 2.702622
d ₁₆ 6 6 6 6 6 6 6	0.846741 1.823311 1.685790 0.608350 1.306882 2.779055 2.639667	-0.375987 -0.609663 1.842460 1.701625 0.742525 0.943027 0.706807	-0.638298 0.475028 0.779591 -0.295588 -1.406060 -1.092947 0.405636 0.272490	d ₁₇ 6 6 6 6 6 6 6	-0.688560 -2.050841 -2.612111 -1.181016 -0.314289 -1.200289 -2.486568	-0.361421 -0.672352 1.646487 1.648167 0.947073 1.256106 0.722995	-0.234721 0.279929 -0.419087 -0.963885 0.215209 1.417462 0.793633
d ₁₆ 6 6 6 6 6 6 6 6 1	0.846741 1.823311 1.685790 0.608350 1.306882 2.779055 2.639667 3.560267	-0.375987 -0.609663 1.842460 1.701625 0.742525 0.943027 0.706807 0.666470	-0.638298 0.475028 0.779591 -0.295588 -1.406060 -1.092947 0.405636 0.979480	d ₁₇ 6 6 6 6 6 6 6 6 1	-0.688560 -2.050841 -2.612111 -1.181016 -0.314289 -1.200289 -2.486568 -3.359591	-0.361421 -0.672352 1.646487 1.648167 0.947073 1.256106 0.722995 0.685266	-0.234721 0.279929 -0.419087 -0.963885 0.215209 1.417462 0.793633 1.437726
d ₁₆ 6 6 6 6 6 6 1 6	0.846741 1.823311 1.685790 0.608350 1.306882 2.779055 2.639667 3.560267 2.668446 2.668446	-0.375987 -0.609663 1.842460 1.701625 0.742525 0.943027 0.706807 0.666470 -1.819087	-0.638298 0.475028 0.779591 -0.295588 -1.406060 -1.092947 0.405636 0.979480 0.005936	d ₁₇ 6 6 6 6 6 6 6 1 6	-0.688560 -2.050841 -2.612111 -1.181016 -0.314289 -1.200289 -2.486568 -3.359591 -1.819819	-0.361421 -0.672352 1.646487 1.648167 0.947073 1.256106 0.722995 0.685266 -1.645773	-0.234721 0.279929 -0.419087 -0.963885 0.215209 1.417462 0.793633 1.437726 1.465746
d ₁₆ 6 6 6 6 6 6 6 1 6 1	0.846741 1.823311 1.685790 0.608350 1.306882 2.779055 2.639667 3.560267 2.668446 3.057925	-0.375987 -0.609663 1.842460 1.701625 0.742525 0.943027 0.706807 0.666470 -1.819087 -1.725144	-0.638298 0.475028 0.779591 -0.295588 -1.406060 -1.092947 0.405636 0.979480 0.005936 -1.003302	d ₁₇ 6 6 6 6 6 6 6 1 6 1	-0.688560 -2.050841 -2.612111 -1.181016 -0.314289 -1.200289 -2.486568 -3.359591 -1.819819 -1.052180	-0.361421 -0.672352 1.646487 1.648167 0.947073 1.256106 0.722995 0.685266 -1.645773 -1.324829	-0.234721 0.279929 -0.419087 -0.963885 0.215209 1.417462 0.793633 1.437726 1.465746 2.163271
d ₁₆ 6 6 6 6 6 6 1 6 1 1 1	0.846741 1.823311 1.685790 0.608350 1.306882 2.779055 2.639667 3.560267 2.668446 3.057925 3.513567	-0.375987 -0.609663 1.842460 1.701625 0.742525 0.943027 0.706807 0.666470 -1.819087 -1.725144 -1.915968	-0.638298 0.475028 0.779591 -0.295588 -1.406060 -1.092947 0.405636 0.979480 0.005936 -1.003302 0.683621	d ₁₇ 6 6 6 6 6 6 6 1 6 1 1 6	-0.688560 -2.050841 -2.612111 -1.181016 -0.314289 -1.200289 -2.486568 -3.359591 -1.819819 -1.052180 -2.756998	-0.361421 -0.672352 1.646487 1.648167 0.947073 1.256106 0.722995 0.685266 -1.645773 -1.324829 -1.728104	-0.234721 0.279929 -0.419087 -0.963885 0.215209 1.417462 0.793633 1.437726 1.465746 2.163271 2.011011
d ₁₆ 6 6 6 6 6 6 1 6 1 1 1 1	0.846741 1.823311 1.685790 0.608350 1.306882 2.779055 2.639667 3.560267 2.668446 3.057925 3.513567 2.084695	-0.375987 -0.609663 1.842460 1.701625 0.742525 0.943027 0.706807 0.666470 -1.819087 -1.725144 -1.915968 -2.734181	-0.638298 0.475028 0.779591 -0.295588 -1.406060 -1.092947 0.405636 0.979480 0.005936 -1.003302 0.683621 0.062513	d ₁₇ 6 6 6 6 6 6 6 1 6 1 1 1 1	-0.688560 -2.050841 -2.612111 -1.181016 -0.314289 -1.200289 -2.486568 -3.359591 -1.819819 -1.052180 -2.756998 -1.553142	-0.361421 -0.672352 1.646487 1.648167 0.947073 1.256106 0.722995 0.685266 -1.645773 -1.324829 -1.728104 -2.633012	-0.234721 0.279929 -0.419087 -0.963885 0.215209 1.417462 0.793633 1.437726 1.465746 2.163271 2.011011 1.098860
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d_{16} 6 6 6 6 6 1	0.846741 1.823311 1.685790 0.608350 1.306882 2.779055 2.639667 3.560267 2.668446 3.057925 3.513567 2.084695 2.193083 1.283288 -0.348407 0.368978 0.908078 3.415011 3.115600 1.270305 0.487205 0.882512 2.082314	-0.375987 -0.609663 1.842460 1.701625 0.742525 0.943027 0.706807 0.666470 -1.819087 -1.725144 -1.915968 -2.734181 2.800257 1.768993 1.332585 2.603405 0.888962 0.235763 1.947631 -0.913996 -0.227305 -1.925260 0.821222	-0.638298 0.475028 0.779591 -0.295588 -1.406060 -1.092947 0.405636 0.979480 0.005936 -1.003302 0.683621 0.062513 0.698848 1.784484 0.085627 -0.855188 -2.401456 -1.616572 -1.334000 1.861756 2.166906 1.930721 2.581427	d ₁₇ 6 6 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-0.688560 -2.050841 -2.612111 -1.181016 -0.314289 -1.200289 -2.486568 -3.359591 -1.819819 -1.052180 -2.756998 -1.553142 -2.906245 -3.339106 -1.079621 -0.729058 0.731810 -0.874651 -1.241148 -2.986794 -3.092692 -2.643549	-0.361421 -0.672352 1.646487 1.648167 0.947073 1.256106 0.722995 0.685266 -1.645773 -1.324829 -1.728104 -2.633012 2.642762 1.313736 1.176722 2.633828 1.218142 0.746196 2.322201 -1.336997 -0.766315 -2.334947	-0.234721 0.279929 -0.419087 -0.963885 0.215209 1.417462 0.793633 1.437726 1.465746 2.163271 2.011011 1.098860 -0.099680 -1.152605 -1.939905 -1.050936 0.197832 2.318558 1.624125 -0.720413 -1.639287 -0.982084 0.275722
d_{16} 6 6 6 6 6 1	0.846741 1.823311 1.685790 0.608350 1.306882 2.779055 2.639667 3.560267 2.668446 3.057925 3.513567 2.084695 2.193083 1.283288 -0.348407 0.368978 0.908078 3.415011 3.115600 1.270305 0.487205 0.882512 2.082314 0.241902	-0.375987 -0.609663 1.842460 1.701625 0.742525 0.943027 0.706807 0.666470 -1.819087 -1.725144 -1.915968 -2.734181 2.800257 1.768993 1.332585 2.603405 0.888962 0.235763 1.947631 -0.913996 -0.227305 -1.925260 -0.831328	-0.638298 0.475028 0.779591 -0.295588 -1.406060 -1.092947 0.405636 0.979480 0.005936 -1.003302 0.683621 0.062513 0.698848 1.784484 0.085627 -0.855188 -2.401456 -1.616572 -1.334000 1.861756 2.166906 1.930721 2.581427	d ₁₇ 6 6 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-0.688560 -2.050841 -2.612111 -1.181016 -0.314289 -1.200289 -2.486568 -3.359591 -1.819819 -1.052180 -2.756998 -1.553142 -2.906245 -3.339106 -1.079621 -0.729058 0.731810 -0.874651 -1.241148 -2.986794 -3.092692 -2.643549 -3.974048	-0.361421 -0.672352 1.646487 1.648167 0.947073 1.256106 0.722995 0.685266 -1.645773 -1.324829 -1.728104 -2.633012 2.642762 1.313736 1.176722 2.633828 1.218142 0.746196 2.322201 -1.336997 -0.766315 -2.334947 -1.439018 1.222784	-0.234721 0.279929 -0.419087 -0.963885 0.215209 1.417462 0.793633 1.437726 1.465746 2.163271 2.011011 1.098860 -0.099680 -1.152605 -1.939905 -1.050936 0.197832 2.318558 1.624125 -0.720413 -1.639287 -0.982084 -0.275723
d_{16} 6 6 6 6 6 1	0.846741 1.823311 1.685790 0.608350 1.306882 2.779055 2.639667 3.560267 2.668446 3.057925 3.513567 2.084695 2.193083 1.283288 -0.348407 0.368978 0.908078 3.415011 3.115600 1.270305 0.487205 0.882512 2.082314 -0.341803 0.120002	-0.375987 -0.609663 1.842460 1.701625 0.742525 0.943027 0.706807 0.666470 -1.819087 -1.725144 -1.915968 -2.734181 2.800257 1.768993 1.332585 2.603405 0.888962 0.235763 1.947631 -0.913996 -0.227305 -1.925260 -0.831328 -1.155014 2.62677	-0.638298 0.475028 0.779591 -0.295588 -1.406060 -1.092947 0.405636 0.979480 0.005936 -1.003302 0.683621 0.062513 0.698848 1.784484 0.085627 -0.855188 -2.401456 -1.616572 -1.334000 1.861756 2.166906 1.930721 2.581427 -1.013194	d ₁₇ 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-0.688560 -2.050841 -2.612111 -1.181016 -0.314289 -1.200289 -2.486568 -3.359591 -1.819819 -1.052180 -2.756998 -1.553142 -2.906245 -3.339106 -1.079621 -0.729058 0.731810 -0.874651 -1.241148 -2.986794 -3.092692 -2.643549 -3.974048 0.072711	-0.361421 -0.672352 1.646487 1.648167 0.947073 1.256106 0.722995 0.685266 -1.645773 -1.324829 -1.728104 -2.633012 2.642762 1.313736 1.176722 2.633828 1.218142 0.746196 2.322201 -1.336997 -0.766315 -2.334947 -1.439018 -1.233784	-0.234721 0.279929 -0.419087 -0.963885 0.215209 1.417462 0.793633 1.437726 1.465746 2.163271 2.011011 1.098860 -0.099680 -1.152605 -1.939905 -1.050936 0.197832 2.318558 1.624125 -0.720413 -1.639287 -0.982084 -0.275723 -1.133944 2.231450
d_{16} 6 6 6 6 6 1	0.846741 1.823311 1.685790 0.608350 1.306882 2.779055 2.639667 3.560267 2.668446 3.057925 3.513567 2.084695 2.193083 1.283288 -0.348407 0.368978 0.908078 3.415011 3.115600 1.270305 0.487205 0.882512 2.082314 -0.341803 0.120903 0.82255	-0.375987 -0.609663 1.842460 1.701625 0.742525 0.943027 0.706807 0.666470 -1.819087 -1.725144 -1.915968 -2.734181 2.800257 1.768993 1.332585 2.603405 0.888962 0.235763 1.947631 -0.913996 -0.227305 -1.925260 -0.831328 -1.155014 -2.063677 0.66500	-0.638298 0.475028 0.779591 -0.295588 -1.406060 -1.092947 0.405636 0.979480 0.005936 -1.003302 0.683621 0.062513 0.698848 1.784484 0.085627 -0.855188 -2.401456 -1.616572 -1.334000 1.861756 2.166906 1.930721 2.581427 -1.013194 -1.428150	d_{17} 6 6 6 6 1 1 1 1 1 1	-0.688560 -2.050841 -2.612111 -1.181016 -0.314289 -1.200289 -2.486568 -3.359591 -1.819819 -1.052180 -2.756998 -1.553142 -2.906245 -3.339106 -1.079621 -0.729058 0.731810 -0.874651 -1.241148 -2.986794 -3.092692 -2.643549 -3.974048 0.072711 -0.530154	-0.361421 -0.672352 1.646487 1.648167 0.947073 1.256106 0.722995 0.685266 -1.645773 -1.324829 -1.728104 -2.633012 2.642762 1.313736 1.176722 2.633828 1.218142 0.746196 2.322201 -1.336997 -0.766315 -2.334947 -1.439018 -1.233784 -1.264144 2.22942	-0.234721 0.279929 -0.419087 -0.963885 0.215209 1.417462 0.793633 1.437726 1.465746 2.163271 2.011011 1.098860 -0.099680 -1.152605 -1.050936 0.197832 2.318558 1.624125 -0.720413 -1.639287 -0.982084 -0.275723 -1.133944 -2.039149 0.673558
d_{16} 6 6 6 6 6 1	0.846741 1.823311 1.685790 0.608350 1.306882 2.779055 2.639667 3.560267 2.668446 3.057925 3.513567 2.084695 2.193083 1.283288 -0.348407 0.368978 0.908078 3.415011 3.115600 1.270305 0.487205 0.882512 2.082314 -0.341803 0.120903 -0.832255 1.289491	-0.375987 -0.609663 1.842460 1.701625 0.742525 0.943027 0.706807 0.666470 -1.819087 -1.725144 -1.915968 -2.734181 2.800257 1.768993 1.332585 2.603405 0.888962 0.235763 1.947631 -0.913996 -0.227305 -1.925260 -0.831328 -1.155014 -2.063677 -0.665001	-0.638298 0.475028 0.779591 -0.295588 -1.406060 -1.092947 0.405636 0.979480 0.005936 -1.003302 0.683621 0.062513 0.698848 1.784484 0.085627 -0.855188 -2.401456 -1.616572 -1.334000 1.861756 2.166906 1.930721 2.581427 -1.013194 -1.428150 -1.852121 0.02555	d_{17} 6 6 6 6 1 1 1 1 1 1	-0.688560 -2.050841 -2.612111 -1.181016 -0.314289 -1.200289 -2.486568 -3.359591 -1.819819 -1.052180 -2.756998 -1.553142 -2.906245 -3.339106 -1.079621 -0.729058 0.731810 -0.874651 -1.241148 -2.986794 -3.092692 -2.643549 -3.974048 0.072711 -0.530154 0.039164	-0.361421 -0.672352 1.646487 1.648167 0.947073 1.256106 0.722995 0.685266 -1.645773 -1.324829 -1.728104 -2.633012 2.642762 1.313736 1.176722 2.633828 1.218142 0.746196 2.322201 -1.336997 -0.766315 -2.334947 -1.439018 -1.233784 -1.364144 -2.228042 0.827562	-0.234721 0.279929 -0.419087 -0.963885 0.215209 1.417462 0.793633 1.437726 1.465746 2.163271 2.011011 1.098860 -0.099680 -1.152605 -1.939905 -1.050936 0.197832 2.318558 1.624125 -0.720413 -1.639287 -0.982084 -0.275723 -1.133944 -2.039149 -0.672858
d_{16} 6 6 6 6 6 1 6 1 1 1 6 1 1 6 1 1 1 6 1 1 1 6 1 1 1 6 1	0.846741 1.823311 1.685790 0.608350 1.306882 2.779055 2.639667 3.560267 2.668446 3.057925 3.513567 2.084695 2.193083 1.283288 -0.348407 0.368978 0.908078 3.415011 3.115600 1.270305 0.487205 0.882512 2.082314 -0.341803 0.120903 -0.832255 -1.388481 2.071000	-0.375987 -0.609663 1.842460 1.701625 0.742525 0.943027 0.706807 0.666470 -1.819087 -1.725144 -1.915968 -2.734181 2.800257 1.768993 1.332585 2.603405 0.888962 0.235763 1.947631 -0.913996 -0.227305 -1.925260 -0.831328 -1.155014 -2.063677 -0.665001 -1.572285	-0.638298 0.475028 0.779591 -0.295588 -1.406060 -1.092947 0.405636 0.979480 0.005936 -1.003302 0.683621 0.062513 0.698848 1.784484 0.085627 -0.855188 -2.401456 -1.616572 -1.334000 1.861756 2.166906 1.930721 2.581427 -1.013194 -1.428150 -1.852121 0.032955 0.492212	d_{17} 6 6 6 6 6 1 1 1 1 1	-0.688560 -2.050841 -2.612111 -1.181016 -0.314289 -1.200289 -2.486568 -3.359591 -1.819819 -1.052180 -2.756998 -1.553142 -2.906245 -3.339106 -1.079621 -0.729058 0.731810 -0.874651 -1.241148 -2.986794 -3.092692 -2.643549 -3.974048 0.072711 -0.530154 0.039164 1.508357	-0.361421 -0.672352 1.646487 1.648167 0.947073 1.256106 0.722995 0.685266 -1.645773 -1.324829 -1.728104 -2.633012 2.642762 1.313736 1.176722 2.633828 1.218142 0.746196 2.322201 -1.336997 -0.766315 -2.334947 -1.439018 -1.233784 -1.364144 -2.228042 -0.837562 1.521274	-0.234721 0.279929 -0.419087 -0.963885 0.215209 1.417462 0.793633 1.437726 1.465746 2.163271 2.011011 1.098860 -0.099680 -1.152605 -1.050936 0.197832 2.318558 1.624125 -0.720413 -1.639287 -0.982084 -0.275723 -1.133944 -2.039149 -0.672858 -1.455393 2.220625
d_{16} 6 6 6 6 6 1	0.846741 1.823311 1.685790 0.608350 1.306882 2.779055 2.639667 3.560267 2.668446 3.057925 3.513567 2.084695 2.193083 1.283288 -0.348407 0.368978 0.908078 3.415011 3.115600 1.270305 0.487205 0.882512 2.082314 -0.341803 0.120903 -0.832255 -1.388481 -2.071000 0.924827	-0.375987 -0.609663 1.842460 1.701625 0.742525 0.943027 0.706807 0.666470 -1.819087 -1.725144 -1.915968 -2.734181 2.800257 1.768993 1.332585 2.603405 0.888962 0.235763 1.947631 -0.913996 -0.227305 -1.925260 -0.831328 -1.155014 -2.063677 -0.665001 -1.572285 -2.243239 2.167961	-0.638298 0.475028 0.779591 -0.295588 -1.406060 -1.092947 0.405636 0.979480 0.005936 -1.003302 0.683621 0.062513 0.698848 1.784484 0.085627 -0.855188 -2.401456 -1.616572 -1.334000 1.861756 2.166906 1.930721 2.581427 -1.013194 -1.428150 -1.852121 0.032955 -0.483312 0.814007	d_{17} 6 6 6 6 1 1 1 1 1 1	-0.688560 -2.050841 -2.612111 -1.181016 -0.314289 -1.200289 -2.486568 -3.359591 -1.819819 -1.052180 -2.756998 -1.553142 -2.906245 -3.339106 -1.079621 -0.729058 0.731810 -0.874651 -1.241148 -2.986794 -3.092692 -2.643549 -3.974048 0.072711 -0.530154 0.039164 1.508357 1.858291 1.527748	-0.361421 -0.672352 1.646487 1.648167 0.947073 1.256106 0.722995 0.685266 -1.645773 -1.324829 -1.728104 -2.633012 2.642762 1.313736 1.176722 2.633828 1.218142 0.746196 2.322201 -1.336997 -0.766315 -2.334947 -1.439018 -1.233784 -1.364144 -2.228042 -0.837562 -1.521274 0.152040	-0.234721 0.279929 -0.419087 -0.963885 0.215209 1.417462 0.793633 1.437726 1.465746 2.163271 2.011011 1.098860 -0.099680 -1.152605 -1.050936 0.197832 2.318558 1.624125 -0.720413 -1.639287 -0.982084 -0.275723 -1.133944 -2.039149 -0.672858 -1.455393 -2.230625

6	-2.136187	-0.424009	0.638620
1	-1.742572	-0.037189	1.571736
6	-3.259530	0.130580	0.171876
6	-3.926861	1.248207	0.909061
1	-3.384093	1.531027	1.807027
1	-4.936431	0.959693	1.201434
1	-4.028322	2.128078	0.273429
6	-3.960473	-0.300405	-1.076904
1	-4.979580	-0.609692	-0.845693
1	-4.044278	0.535192	-1.772059
1	-3.472946	-1.120913	-1.594212

6	2.408027	-0.929911	-0.262616
1	2.338054	-1.863835	0.286154
6	3.312682	-0.041024	0.155760
6	4.171746	-0.331337	1.346683
1	3.937821	-1.292656	1.795447
1	4.057729	0.441791	2.106837
1	5.224648	-0.336606	1.064692
6	3.591032	1.273527	-0.503213
1	3.537968	2.085244	0.222950
1	4.607896	1.283230	-0.895907
1	2.925442	1.505559	-1.329505

d	1	8	
			6

-10			
6	0.723595	-0.007131	-0.278245
6	1.736909	1.005401	0.108386
6	3.414396	-0.790278	-0.293310
6	2.208753	-1.629005	-0.733204
6	1.065916	-1.261144	0.342478
6	1.946585	-0.899964	1.539507
6	2.805070	0.109710	0.783592
1	3.522183	0.673669	1.371963
6	1.014882	1.893345	1.160003
1	0.510212	1.337930	1.943971
1	1.770993	2.521897	1.624554
1	0.283891	2.534901	0.676879
1	4.186412	-1.419561	0.141288
1	3.867641	-0.244476	-1.114100
1	1.910084	-1.472936	-1.767076
1	2.346130	-2.700628	-0.606828
1	0.302371	-2.023065	0.422935
1	1.382982	-0.498997	2.375912
1	2.512745	-1.759028	1.889473
6	2.225705	1.898498	-1.024852
1	2.633310	1.332626	-1.858232
1	1.427380	2.530263	-1.406059
1	3.008791	2.554182	-0.651080
6	-0.357576	0.236421	-1.234127
1	0.138131	0.205560	-2.215466
1	-0.666420	1.279046	-1.136077
6	-1.560734	-0.702765	-1.198654
1	-2.174930	-0.476734	-2.064952
1	-1.223972	-1.732274	-1.336206
6	-2.346918	-0.572384	0.067711
1	-1.843272	-0.905532	0.970094
6	-3.592393	-0.111132	0.207881
6	-4.236909	-0.062405	1.557851
1	-3.578707	-0.427669	2.341547
1	-5.145110	-0.664826	1.568977
1	-4.536035	0.956014	1.805727
6	-4.462653	0.373488	-0.907758
1	-5.360946	-0.240174	-0.972783
1	-4.797924	1.390776	-0.706797
1	-3.983714	0.365091	-1.881209

a1'1				a1'2			
6	0.410755	-0.923144	0.168169	6	0.362699	0.375208	0.473608
6	3.591958	0.659902	0.100452	6	3.740138	-0.060377	-0.487253
6	2.375245	1.402217	-0.367185	6	2.735872	-1.133658	-0.787607

6	1.520194	0.621305	-1.342351
6	1.339133	-0.891574	-0.955739
6	2.705495	-1.538370	-0.736369
6	3.715519	-0.654861	-0.078031
1	4.618442	-1.147205	0.258666
6	4.643020	1.481564	0.770951
1	5.461156	0.868180	1.136690
1	5.053630	2.219749	0.082081
1	4.228600	2.035065	1.614265
1	2.689727	2.321438	-0.864334
1	1.799521	1.742755	0.498597
1	0.555492	1.098957	-1.502114
1	2.014613	0.578070	-2.311413
1	0.829628	-1.344777	-1.807290
1	2.594170	-2.465894	-0.170974
1	3.072470	-1.850119	-1.716478
6	0.857995	-0.860197	1.554155
1	1.920400	-1.025566	1.682116
1	0.621331	0.154894	1.901004
1	0.258158	-1.510776	2.189526
6	-1.019448	-0.997398	-0.124262
1	-1.183536	-2.090361	-0.138316
1	-1.214766	-0.687886	-1.151412
6	-2.009929	-0.360825	0.857565
1	-1.878345	-0.792670	1.849994
1	-1.788189	0.700965	0.943201
6	-3.415277	-0.584040	0.401801
1	-3.739716	-1.618754	0.412776
6	-4.296717	0.338548	0.008812
6	-5.681836	-0.061048	-0.392334
1	-5.833740	-1.134706	-0.328693
1	-5.893628	0.256589	-1.413193
1	-6.418991	0.426103	0.245847
6	-4.035051	1.809719	-0.059138
1	-4.246442	2.181801	-1.061326
1	-4.707394	2.339875	0.615233
1	-3.018941	2.093486	0.196565
a1'3			
6	-0.508603	-1.355077	0.002139
6	-3.134715	0.952836	-0.263020
6	-1.750631	1.419580	0.087066
6	-1.134364	0.655651	1.242564
6	-1.346593	-0.889233	1.109272
6	-2.840317	-1.179939	1.032736
6	-3.602282	-0.215454	0.175273
1	-4.615165	-0.503438	-0.073732
6	-3.942226	1.874355	-1.116743
1	-4.906576	1.445083	-1.372085
1	-4.116453	2.820569	-0.604508
1	-3.418079	2.110775	-2.043377

-1.787923 2.476440 0.354276

0.895848

0.920176

-1.095496 -1.787560 -1.258104

1.375388 -0.804224

1.370860

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-1.115207

-0.081574

-1.636779

-0.909212 -1.319017

-3.016327 -2.201974

-3.233530 -1.152618

6	1.878995	-1.51	8053	0.39	9779	
6	1.398865	-0.28	38862	1.25	5240	
6	2.602110	0.55	3774	1.66	8088	
6	3.659872	0.67	8116	0.61	9161	
1	4.418276	1.42	27194	0.80	5370	
6	4.825507	0.12	21641	-1.49	6416	
1	5.476521	0.95	52741	-1.24	1777	
1	5.436675	-0.77	7653	-1.57	72048	
1	4.411396	0.30	04482	-2.48	8552	
1	3.263133	-2.02	29459	-1.12	20265	
1	2.129703	-0.83	38194	-1.64	19250	
1	1.036030	-2.13	38212	0.10	1887	
1	2.468306	-2.10)2175	1.10)4553	
1	0.911080	-0.72	25121	2.12	8603	
1	2.273074	1.54	4373	1.98	8437	
1	3.023836	0.09	94917	2.56	4815	
6	0.649577	1.47	0285	-0.44	3221	
1	1.620966	1.92	26444	-0.29	9292	
1	0.628686	1.02	6136	-1.44	8534	
1	-0.157625	2.20)1010	-0.45	50616	
6	-1.012764	-0.10	04740	0.60)3098	
1	-1.400794	0.54	40988	1.41	0697	
1	-1.024112	-1.10	05546	1.03	35683	
6	-1.950420	0.00)9052	-0.60)5569	
1	-2.093962	1.05	50675	-0.87	78585	
1	-1.473809	-0.4	77698	-1.4	59571	
6	-3.256830	-0.60	51699	-0.32	26400	
1	-3.204367	-1.74	40326	-0.2	31201	
6	-4.454791	-0.08	85100	-0.20	05268	
6	-5.672336	-0.9	16730	0.04	19626	
1	-5.438649	-1.9	75219	0.1	19632	
l	-6.401177	-0.78	80577	-0.74	49267	
I	-6.161086	-0.6	10349	0.9	4372	
6	-4.721259	1.38	32275	-0.3	18166	
1	-5.400292	1.5	/6/14	-1.14	48180	
l	-5.221636	1.74	12271	0.58	30526	
I	-3.831580	1.98	35780	-0.46	69640	
. 11						
a1 4	0.404	- 471	1.07	0(20	0 177	101
0	0.403	2006	-1.0/	0029	0.17/	121
6	5.540 2.140	3000	0.030	0071	0.130	100
6	2.100)492	1.2/	0000	-0.035	103
6	1.005	113/	0.172	∠y/4 6671	-1.344	000 850
6	1.494	2060	-1.19	15/6	-0.792	039 7/1
U	2.000	5007	-1.59	1040	-u.2UJ	/ + 1

3.646241 -0.450166

4.526409 -0.719909

2.782020 -2.396789

1.934509

1.544897

2.587600

1.669393

2.300629 -0.024617 -2.361824

1.143111 -1.907846 -1.545617

3.425826 -2.028134 -1.096571

0.673712 -0.997469 1.606301

2.560409 -0.016058

2.111931 -1.287797

0.454591 -1.993123

4.163083

4.967677

4.602774

3.545543

2.447505

1.388791

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-1.919667	-1.137026	-1.554986
-0.377226	-1.942765	-2.054074
-1.579856	-2.748516	-1.036111
0.939468	-1.388610	0.163509
1.282892	-2.382299	-0.139282
1.240502	-1.209021	1.191374
1.668260	-0.370706	-0.783062
1.398665	-0.595179	-1.813920
1.317311	0.633924	-0.567704
3.141257	-0.489169	-0.599283
3.572104	-1.419890	-0.950174
3.964255	0.420092	-0.068242
5.433969	0.152638	0.007838
5.695174	-0.822447	-0.392706
5.779702	0.204994	1.040223
5.988455	0.909652	-0.546484
3.548991	1.751564	0.470208
3.871637	1.852631	1.506201
4.041819	2.549066	-0.085496
2.479479	1.933832	0.432128
	-1.919667 -0.377226 -1.579856 0.939468 1.282892 1.240502 1.668260 1.398665 1.317311 3.141257 3.572104 3.964255 5.433969 5.695174 5.779702 5.988455 3.548991 3.871637 4.041819 2.479479	-1.919667 -1.137026 -0.377226 -1.942765 -1.579856 -2.748516 0.939468 -1.388610 1.282892 -2.382299 1.240502 -1.209021 1.668260 -0.370706 1.398665 -0.595179 1.317311 0.633924 3.141257 -0.489169 3.572104 -1.419890 3.964255 0.420092 5.433969 0.152638 5.695174 -0.822447 5.779702 0.204994 5.988455 0.909652 3.548991 1.751564 3.871637 1.852631 4.041819 2.549066 2.479479 1.933832

a1'5			
6	0.295169	0.116917	0.049611
6	3.814010	0.207843	-0.229274
6	2.976248	-0.468727	-1.275242
6	1.977253	-1.452443	-0.701573
6	1.218310	-0.896608	0.556789
6	2.235418	-0.466505	1.609787
6	3.459609	0.195391	1.054908
1	4.102678	0.673927	1.781837
6	5.052835	0.885081	-0.716246
1	5.572655	1.400049	0.086304
1	5.739024	0.161822	-1.156750
1	4.821294	1.612500	-1.494996
1	3.629836	-1.010247	-1.960324
1	2.482864	0.285270	-1.897467
1	1.275710	-1.795554	-1.458579
1	2.498966	-2.331261	-0.325703
1	0.611439	-1.730281	0.915759
1	1.763695	0.182635	2.349498
1	2.527881	-1.358901	2.166644
6	0.602791	1.539937	0.137502
1	1.662116	1.724943	-0.038679
1	-0.035785	2.163471	-0.477705
1	0.457578	1.817785	1.190241
6	-0.988772	-0.303998	-0.475166
1	-0.999180	-1.353564	-0.756342
1	-1.325497	0.320107	-1.298019
6	-2.029751	-0.112052	0.709877
1	-1.665385	-0.651533	1.583119
1	-2.080314	0.941676	0.967299
6	-3.352354	-0.654945	0.294193
1	-3.436465	-1.734210	0.322247
6	-4.419783	0.053257	-0.088772
6	-5.699646	-0.638911	-0.432925
1	-5.621086	-1.718006	-0.339476
1	-6.000459	-0.401855	-1.453468
1	-6.504095	-0.296640	0.217783
6	-4.467800	1.543126	-0.197263

1	1.543664	-0.372193	1.812572
1	-0.186745	-0.728771	2.206982
1	0.996728	-2.007632	1.893133
6	-0.974556	-1.016275	-0.292041
1	-1.553954	-1.735553	0.291976
1	-1.053349	-1.269912	-1.345604
6	-1.640873	0.382238	-0.034939
1	-1.659570	0.584956	1.031400
1	-1.026471	1.151122	-0.500328
6	-3.006650	0.407359	-0.632689
1	-3.033987	0.489847	-1.712472
6	-4.170556	0.350623	0.021192
6	-5.462433	0.421003	-0.729228
1	-5.310195	0.507662	-1.801076
1	-6.050328	1.276468	-0.397069
1	-6.065628	-0.466470	-0.537675
6	-4.319147	0.231105	1.504006
1	-4.868359	1.086958	1.895796
1	-4.908323	-0.652003	1.750527
1	-3.378124	0.166347	2.041662

a1' ₆			
6	0.338431	-0.496456	-0.227617
6	3.796306	0.050995	0.170484
6	2.911618	-0.171047	1.363209
6	1.687005	0.720666	1.375951
6	0.976814	0.802997	-0.021272
6	1.980340	1.273747	-1.068954
6	3.355629	0.700777	-0.906001
1	4.031507	0.862092	-1.735535
6	5.182614	-0.495439	0.269667
1	5.739929	-0.350249	-0.651132
1	5.730129	-0.011622	1.078467
1	5.167953	-1.562303	0.494941
1	3.482429	0.022253	2.272287
1	2.636291	-1.229179	1.425325
1	0.985521	0.423311	2.152026
1	1.980719	1.748174	1.584890
1	0.173417	1.531411	0.109972
1	1.607017	1.065819	-2.073105
1	2.032306	2.362652	-1.009211
6	0.917559	-1.498174	-1.114850
1	2.005192	-1.501141	-1.044935
1	0.491000	-2.487657	-0.995685
1	0.717115	-1.151400	-2.137796
6	-0.938018	-0.761535	0.406960
1	-1.163457	-0.058453	1.202727
1	-1.005003	-1.785775	0.768159
6	-2.042351	-0.597877	-0.720125
1	-1.955978	0.388371	-1.168193
1	-1.846500	-1.335316	-1.496835
6	-3.385688	-0.821376	-0.121471
1	-3.595610	-1.846633	0.158853
6	-4.336356	0.095769	0.086167
6	-5.657441	-0.308290	0.658632
1	-5.705532	-1.372308	0.870408
1	-6.463369	-0.059874	-0.031620
1	-5.857345	0.236312	1.581520
6	-4.214110	1.552182	-0.226182

1	-4.765245	1.833700	-1.204598	1	-4.975883	1.844451	-0.948562
1	-5.226048	1.943731	0.475242	1	-4.398221	2.142355	0.671314
1	-3.527408	2.036253	0.028900	1	-3.247737	1.843090	-0.625865
a1'7				a1'	9		
6	0.096063	-0.408985	0.062180	6	0.264320	-1.444446	0.388160
6	3.550823	0.549270	-0.063437	6	2.529081	1.247919	0.026826
6	3.007590	-0.484344	-1.004418	6	1.646058	0.858346	-1.123597
6	2.199682	-1.564764	-0.316637	6	1.695723	-0.622052	-1.443761
6	1.209334	-1.027303	0.775912	6	1.622044	-1.513118	-0.161501
6	1.958021	-0.125614	1.762731	6	2.756635	-1.134950	0.784962
6	3.061629	0.689197	1.167555	6	3.019417	0.335597	0.864782
1	3.489401	1.438178	1.821110	1	3.672252	0.655979	1.666218
6	4.656568	1.402303	-0.591830	6	2.821873	2.705701	0.164136
1	4.952093	2.166237	0.121197	1	3.417506	2.915415	1.047744
1	5.532755	0.797035	-0.824206	1	3.364250	3.074421	-0.706538
1	4.361026	1.895950	-1.518203	1	1.900364	3.285455	0.229093
1	3.837973	-0.968455	-1.520642	1	1.954887	1.409943	-2.012827
1	2.436455	0.007025	-1.797595	1	0.623225	1.192052	-0.922880
1	1.676623	-2.191403	-1.036788	1	0.929008	-0.906796	-2.160973
1	2.866393	-2.219215	0.242860	1	2.655673	-0.869350	-1.893579
1	0 826862	-1 911977	1 285248	1	1 747495	-2 539046	-0 516188
1	1.253036	0.526800	2.282312	1	2.567838	-1.537460	1.781738
1	2.363247	-0.775954	2.540494	1	3.654557	-1.651394	0.438882
6	0.131067	0.978615	-0.370137	6	-0.078343	-0.639242	1.545915
1	1.025354	1.512600	-0.075676	1	0.726487	-0.015995	1.912926
1	-0 000440	1 004687	-1 456630	1	-0 978972	-0.053940	1 296241
1	-0 776232	1 464628	0.003564	1	-0.441013	-1 306005	2 334889
6	-1.081156	-1 237310	-0 201203	6	-0.804035	-2 192878	-0.276216
1	-1 547071	-1 267715	0.800075	1	-1 341952	-2.787055	0 464761
1	-0 747776	-2.268803	-0 345842	1	-0 396634	-2.863487	-1 026887
6	-2.120520	-0.809432	-1 235317	6	-1 863763	-1 247322	-0.949581
1	-1 627993	-0.659758	-2 196179	1	-1 362612	-0 522958	-1 585666
1	-2 776277	-1 666322	-1 381843	1	-2 406107	-1 916937	-1 618039
6	-2 930140	0.407843	-0.879237	6	-2.815525	-0.611078	-0.003944
1	-2 699278	1 317469	-1 419621	1	-3 311349	-1 295698	0.676200
6	-3.0/3332	0.448034	-0.000202	6	-3 188877	0.676462	0.041070
6	-4 701320	1 71//10	0.232570	0	-1 2/11/23	1 1 2 3 5 8 1	1.004712
1	4 306826	2 545000	0.232379	0	4.505021	0.2123/8	1.632626
1	-4.300820	2.343009	1 297961	1	-4.393921	1 525057	1.055050
1	-4.078094	1.980047	0.022150	1	-3.093102	1.333037	1 645222
1	-3.730014	1.364632	-0.032130	1	-3.603362	1.921396	0.847770
0	-4.423/23	-0./33/24	0.//1410	0	-2.001025	1./33342	-0.04///9
1	-4.30303/	-0.304204	1.041804	1	-3.4049/9	2.13/231	-1.4//323
1	-3.492930	-0.0/9014	0.000/83	1	-2.310/08	2.399339	-0.234010
1	-3.920144	-1.0034/2	0.512982	1	-1.85/318	1.4380/6	-1.304604

a1' ₁₀			
6	0.202321	-1.113523	0.498666
6	2.912158	1.027892	-0.120802
6	2.051844	0.574711	-1.265758
6	1.868308	-0.929724	-1.316129
6	1.550742	-1.526294	0.090293
6	2.689875	-1.186224	1.043280
6	3.191153	0.218329	0.899994
1	3.840736	0.572703	1.689611
6	3.435122	2.424050	-0.206249
1	4.003249	2.696232	0.678450

a1'1	1		
6	-0.220733	0.950480	-0.225081
6	-3.436381	-0.403765	0.126251
6	-2.696499	0.098319	1.332787
6	-1.293387	-0.461584	1.453993
6	-0.524579	-0.443432	0.089842
6	-1.318720	-1.240737	-0.937148
6	-2.797320	-1.002144	-0.878358
1	-3.369637	-1.374054	-1.718063
6	-4.915284	-0.195435	0.128832
1	-5.371195	-0.531005	-0.798064

1	4.082642	2.540925	-1.075240
1	2.621180	3.140546	-0.322405
1	2.506545	0.898480	-2.202937
1	1.088109	1.093521	-1.224031
1	1.117278	-1.221614	-2.046212
1	2.800274	-1.405621	-1.615617
1	1.485412	-2.607986	-0.062134
1	2.396738	-1.376631	2.076747
1	3.502825	-1.888732	0.848223
6	-0.019588	-0.194326	1.603673
1	-0.072210	-0.844116	2.490516
1	0.809379	0.489271	1.762789
1	-0.986131	0.301473	1.535837
6	-0.958511	-1.662038	-0.189987
1	-1.710606	-1.935477	0.550824
1	-0.692343	-2.533198	-0.782023
6	-1.660080	-0.611377	-1.144569
1	-0.938511	-0.293131	-1.891997
1	-2.399782	-1.210459	-1.669733
6	-2.288576	0.573343	-0.497449
1	-1.694534	1.478785	-0.468468
6	-3.536508	0.636901	-0.014223
6	-4.074786	1.912096	0.549015
1	-3.344151	2.715423	0.520560
1	-4.399353	1.773649	1.580416
1	-4.953343	2.231093	-0.011556
6	-4.491579	-0.512066	0.002113
1	-4.819171	-0.715691	1.021729
1	-5.389185	-0.259739	-0.562169
1	-4.086425	-1.430201	-0.412382

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6	-0.163912	1.100288	-0.263860
6	-3.214992	-0.556177	0.019757
6	-2.740914	0.268473	1.181524
6	-1.313716	-0.028273	1.597304
6	-0.361535	-0.200017	0.369168
6	-0.886953	-1.325176	-0.510914
6	-2.367698	-1.269062	-0.721970
1	-2.758325	-1.871691	-1.531548
6	-4.685353	-0.532648	-0.241050
1	-4.946718	-1.105027	-1.126272
1	-5.233968	-0.946337	0.605083
1	-5.043552	0.488450	-0.377326
1	-3.391465	0.081943	2.037572
1	-2.879179	1.331517	0.957641
1	-0.937705	0.724193	2.286062
1	-1.269320	-0.985124	2.114164
1	0.621672	-0.452664	0.790795
1	-0.367291	-1.333844	-1.470361
1	-0.614665	-2.269938	-0.035244
6	-0.816658	1.491766	-1.510180
1	-1.775500	1.926523	-1.193492
1	-0.278981	2.277379	-2.034180
1	-1.068280	0.659892	-2.158251
6	0.749807	2.040760	0.356248
1	0.790060	1.943529	1.437372
1	0.524860	3.064547	0.071275
6	2.196895	1.677700	-0.200555

1	-5.162985	0.857286	0.269219
1	-3.253242	-0.172632	2.230799
1	-2.687470	1.193695	1.328789
1	-0.728078	0.049801	2.229181
1	-1.336892	-1.514204	1.728257
1	0.447190	-0.908644	0.294483
1	-0.948687	-1.044691	-1.944732
1	-1.113145	-2.299042	-0.764234
6	-0.938447	1.677099	-1.266729
1	-2.011417	1.498583	-1.169426
1	-0.705533	2.734681	-1.305150
1	-0.686854	1.212518	-2.227161
6	0.878619	1.593309	0.464064
1	1.137955	1.097115	1.394072
1	0.681984	2.650973	0.623761
6	2.150660	1.501841	-0.491115
1	1.911795	1.995218	-1.430936
1	2.886181	2.124091	0.011026
6	2.660930	0.125191	-0.725669
1	2.247990	-0.402927	-1.577622
6	3.613609	-0.496662	-0.018691
6	4.081022	-1.862128	-0.407457
1	3.554076	-2.245616	-1.276525
1	3.952576	-2.564793	0.415830
1	5.146539	-1.844888	-0.636023
6	4.303012	0.087095	1.171723
1	4.202465	-0.579212	2.028199
1	5.371594	0.175969	0.976485
1	3.934891	1.065992	1.462405

-5.379121 -0.738894 0.951966

a1'13			
6	0.215481	-1.400272	0.247785
6	2.685674	1.145787	0.092405
6	1.609802	1.077917	-0.950493
6	1.424268	-0.300605	-1.547504
6	1.473706	-1.459104	-0.486561
6	2.754667	-1.354669	0.338362
6	3.181640	0.043055	0.652446
1	3.969746	0.136843	1.388089
6	3.159431	2.513956	0.457452
1	3.893419	2.486021	1.257382
1	3.612834	3.007249	-0.402258
1	2.328658	3.143173	0.778815
1	1.860980	1.760792	-1.764006
1	0.674136	1.469300	-0.541013
1	0.514597	-0.357997	-2.141548
1	2.254645	-0.529784	-2.213263
1	1.464149	-2.381333	-1.069672
1	2.653551	-1.930883	1.260406
1	3.540797	-1.861759	-0.224871
6	0.044901	-0.607055	1.450606
1	0.968666	-0.255769	1.892030
1	-0.551950	0.257413	1.116178
1	-0.600863	-1.110776	2.169108
6	-0.926771	-2.151709	-0.280275
1	-0.792448	-3.130426	0.213000
1	-0.771045	-2.361106	-1.339181
6	-2.335708	-1.625295	-0.000003

1	2.159398	1.509490	-1.273503
1	2.752511	2.603407	-0.055161
6	2.855953	0.574433	0.539965
1	3.042727	0.778265	1.588321
6	3.303580	-0.587885	0.044617
6	4.036336	-1.551835	0.921590
1	4.120379	-1.196079	1.944235
1	5.041786	-1.722869	0.537186
1	3.539550	-2.522130	0.930423
6	3.164197	-1.021511	-1.378782
1	4.147798	-1.085557	-1.844564
1	2.737165	-2.022851	-1.428464
1	2.556814	-0.360046	-1.988926

a 1	1 4			
6		0.345296	-1.425077	0.176773
6		2.894034	1.055527	0.078353
6		1.489643	1.353658	-0.357774
6		0.923052	0.339050	-1.328939
6		1.242648	-1.155590	-0.936905
6		2.742327	-1.327712	-0.713419
6		3.428552	-0.152916	-0.088249
1		4.451099	-0.322793	0.222234
6		3.641018	2.185932	0.706560
1		4.622603	1.876502	1.053312
1		3.773259	3.001967	-0.003841
1		3.092566	2.594406	1.555987
1		1.466489	2.329621	-0.844670
1		0.848102	1.465408	0.521799
1		-0.145624	0.484253	-1.473575
1		1.399242	0.449288	-2.302070
1		0.902433	-1.749520	-1.786070
1		2.931935	-2.226534	-0.123747
1		3.193225	-1.531976	-1.686335
6		0.810943	-1.331269	1.554455
1		1.620152	-0.612760	1.663354
1		0.022794	-1.192219	2.283976
1		1.275950	-2.308988	1.750182
6		-1.020165	-1.859606	-0.126297
1		-0.917173	-2.953594	-0.006349
1		-1.237992	-1.703169	-1.181220
6		-2.172311	-1.368234	0.759199
1		-3.061534	-1.903473	0.440303
1		-2.003013	-1.669010	1.792987
6		-2.364773	0.111770	0.668462
1		-1.618468	0.711522	1.181022
6		-3.359059	0.764809	0.060473
6		-3.420621	2.259632	0.096576
1		-2.585967	2.693413	0.640665
1		-4.343412	2.589810	0.573288
1		-3.428278	2.671438	-0.912605
6		-4.489643	0.116775	-0.673209
1		-5.436383	0.368935	-0.195902
1		-4.545827	0.501695	-1.691160
1		-4.421820	-0.964729	-0.727919

1	-3.024424	-2.358592	-0.421508
1	-2.534983	-1.613149	1.068286
6	-2.572600	-0.287701	-0.627365
1	-2.325000	-0.229427	-1.682542
6	-3.107578	0.798989	-0.061508
6	-3.331808	2.041558	-0.865784
1	-2.983401	1.936994	-1.889550
1	-2.827826	2.895664	-0.413130
1	-4.393144	2.288002	-0.893459
6	-3.573143	0.888309	1.357864
1	-3.133789	1.754766	1.852154
1	-4.652456	1.038705	1.382252
1	-3.356618	0.007103	1.953733

a 1	1 7		
6	-0.057755	0.807115	-0.243545
6	-3.250167	-0.727535	-0.173113
6	-3.084957	0.703692	-0.592588
6	-2.276940	1.526550	0.389941
6	-0.983085	0.797463	0.890420
6	-1.352843	-0.567691	1.469377
6	-2.463686	-1.271080	0.754053
1	-2.628534	-2.300318	1.045142
6	-4.338202	-1.491145	-0.853482
1	-4.360805	-2.529836	-0.536816
1	-5.311422	-1.049267	-0.639874
1	-4.213482	-1.467539	-1.936624
1	-4.069481	1.163250	-0.689355
1	-2.656341	0.743306	-1.598687
1	-2.036989	2.507721	-0.015109
1	-2.857537	1.690296	1.296737
1	-0.563348	1.442637	1.663691
1	-0.470729	-1.210175	1.506800
1	-1.633313	-0.412720	2.513263
6	0.079807	-0.304574	-1.158832
1	-0.635835	-1.104345	-1.016463
1	0.133707	0.025107	-2.195366
1	1.114383	-0.661613	-0.956992
6	0.836157	1.942798	-0.403322
1	0.449923	2.826831	0.096829
1	1.054748	2.161920	-1.445082
6	2.203855	1.555116	0.304739
1	2.716147	2.513728	0.382267
1	2.010030	1.225020	1.321662
6	3.043185	0.605550	-0.464074
1	3.358205	0.958827	-1.439558
6	3.508925	-0.586069	-0.057186
6	4.435350	-1.373012	-0.927598
1	4.619389	-0.885559	-1.880401
1	4.037631	-2.369924	-1.116869
1	5.393268	-1.512448	-0.426536
6	3.213238	-1.212214	1.267637
1	2.891534	-2.244816	1.135808
1	4.122070	-1.250209	1.868571
1	2.459482	-0.689660	1.848393

a1'₁₈ 6

0.094198 -0.516706 -0.143144

6	3.470129	0.615233	-0.176328
6	3.053781	-0.573371	-0.991117
6	2.266128	-1.599990	-0.203943
6	1 173214	-0 973293	0 729312
6	1.808025	0.084872	1.633950
6	2.897447	0.886116	0.995352
1	3 238175	1 743671	1 560833
6	4 552522	1 463344	-0 758243
1	4 756355	2 334985	-0 143337
1	5 476665	0 894084	-0.858343
1	4 285106	1 806315	-1 758348
1	3 944471	-1.065037	-1 385300
1	2 507415	-0.236285	-1 876884
1	1 830181	-0.250205	-0.856467
1	2 020686	-2.334193	0.483665
1	2.929080	1 801656	1 22/220
1	1.038374	-1.801030	2 026080
1	1.036374	0.732464	2.020980
I C	2.202120	-0.455294	2.309408
0	0.041/18	0.819185	-0./15120
1	0.822850	1.488341	-0.3//5/4
1	0.056379	0./33/03	-1.805451
I	-0.964228	1.213140	-0.503260
6	-1.010189	-1.415839	-0.420494
1	-0./00833	-2.456419	-0.351633
l	-1.4/8931	-1.213265	-1.379238
6	-2.111/55	-1.192004	0.706446
1	-2.828337	-1.986137	0.511937
l	-1.662083	-1.409149	1.672748
6	-2.768890	0.142816	0.721390
1	-2.379917	0.863424	1.431024
6	-3.832303	0.506601	-0.009796
6	-4.443132	1.860619	0.150857
1	-3.917329	2.465578	0.883961
1	-5.482278	1.769672	0.466821
1	-4.454299	2.395650	-0.798704
6	-4.506191	-0.375407	-1.009487
1	-5.547808	-0.528453	-0.727528
1	-4.522097	0.105773	-1.987370
1	-4.044378	-1.351602	-1.120039
b1,			
6	1.380056	0.957550	0.027264
6	1 263181	-1 297440	-0.544071
6	1 824283	-1 805820	0 725594
6	2 465080	-0.689171	1 583895
6	2 681040	0 544202	0.731005
6	3 301450	0 101329	-0 599532
6	1 923741	-0 224831	-1 160670
1	1 642223	0.011680	-2 179236
6	0.040684	-1.900240	-1.090387
1	-0.231693	-1.512680	-2.065299

0.198017 -2.979111 -1.160319

-0.787109 -1.768903 -0.389359

2.604280 -2.507774 0.405846

1.093858 -2.396000 1.273347

1.820480 -0.470614 2.432022

3.414552 -1.032120 1.986325

3.176489 1.339934 1.283312

3.770770 0.905546 -1.151948

b1 ₅			
6	-1.047412	0.848196	0.120362
6	-2.249322	-1.029233	0.708330
6	-2.289669	-1.627945	-0.645932
6	-1.851736	-0.622637	-1.740143
6	-1.873912	0.781582	-1.172264
6	-3.190585	0.968747	-0.409200
6	-2.608810	0.312936	0.830089
1	-2.772101	0.702338	1.827071
6	-1.831636	-1.836910	1.864119
1	-1.767183	-1.264792	2.783371
1	-2.580915	-2.622479	1.997932
1	-0.891888	-2.350756	1.666650
1	-3.342169	-1.890008	-0.800113
1	-1.732595	-2.560199	-0.685241
1	-0.857392	-0.883014	-2.095056
1	-2.522061	-0.688829	-2.592926
1	-1.616235	1.528736	-1.919716
1	-3.442512	2.006234	-0.227369

1	3.994519	-0.735812	-0.552877	1	-4.061432	0.471053	-0.830321
6	1.460635	2.277300	-0.709557	6	-0.882960	2.227988	0.719142
1	2.424707	2.457352	-1.171360	1	-1.795685	2.812167	0.743642
1	0.690982	2.365803	-1.470168	1	-0.477015	2.170749	1.725985
1	1.291171	3.068417	0.022275	1	-0.167266	2.772389	0.104087
6	0.061416	0.824686	0.763109	6	0.233021	0.046447	0.247103
1	0.130938	1.526783	1.599433	1	0.107182	-0.977620	-0.098133
1	-0.048957	-0.152752	1.229650	1	0.531710	-0.010680	1.294004
6	-1.195634	1.136639	-0.050767	6	1.385397	0.663521	-0.562304
1	-1.256920	2.213313	-0.217836	1	1.033690	0.900501	-1.569873
1	-1.124807	0.684839	-1.039930	1	1.695934	1.602946	-0.115159
6	-2.425490	0.665440	0.660576	6	2.535376	-0.287821	-0.656660
1	-2.445941	0.875291	1.724883	1	2.353973	-1.166333	-1.267040
6	-3.492928	0.060055	0.134959	6	3.737872	-0.172059	-0.089237
6	-4.656017	-0.321948	0.996849	6	4.784668	-1.220265	-0.304761
1	-4.490743	-0.070618	2.040798	1	4.429897	-2.028731	-0.938113
1	-4.855910	-1.391590	0.928738	1	5.108379	-1.644841	0.645712
1	-5.561692	0.185807	0.664689	1	5.669893	-0.787056	-0.770620
6	-3.668867	-0.258495	-1.316972	6	4.175123	0.968230	0.775082
1	-3.900434	-1.315100	-1.454095	1	4.518389	0.597510	1.740898
1	-4.518298	0.295056	-1.717621	1	5.024224	1.479245	0.321086
1	-2.806254	-0.012283	-1.929044	1	3.400693	1.706821	0.956893
b1 ₆				b1 ₇			
6	-1.165027	-0.832708	-0.388921	6	-0.722266	-0.740794	-0.012683
6	-2.192033	1.230420	-0.257134	6	-2.299765	0.885350	-0.540692
6	-1.737502	1.552957	1.114768	6	-2.825992	1.037138	0.836044
6	-1.143325	0.317282	1.836176	6	-2.368496	-0.105815	1.774051
6	-1.544793	-0.941030	1.094775	6	-1.809890	-1.243867	0.945014
6	-3.042203	-0.851635	0.775214	6	-2.786072	-1.514118	-0.205940
6	-2.762227	-0.025902	-0.468101	6	-2.169602	-0.40/924	-1.044289
l	-3.272313	-0.195083	-1.408068	l	-1.972019	-0.521599	-2.102491
6	-2.026612	2.208231	-1.342506	6	-1.941268	2.080804	-1.319584
1	-2.309547	1.818/15	-2.314514	1	-1.544203	1.850079	-2.301733
1	-2.674345	3.059007	-1.110961	1	-2.852300	2.6/3234	-1.441441
1	-1.012060	2.603076	-1.36/231	1	-1.248002	2.714706	-0.767681
1	-2.645853	1.8/1050	1.6381/3	l	-3.914480	0.991198	0./1/305
1	-1.064254	2.405894	1.1210/6	1	-2.606831	2.023655	1.236363
1	-0.061178	0.413066	1.883847	1	-1.62/262	0.270558	2.4/4853
1	-1.506506	0.277273	2.859645	1	-3.209816	-0.459/63	2.363938
1	-1.190625	-1.840328	1.593970	1	-1.510352	-2.088809	1.562171
1	-3.469//9	-1.803037	0.323034	1	-2.039024	-2.465257	-0.0/1555
1	-3.003209	-0.303309	1.324410	1	-5.840019	-1.360366	0.023/11
0	-1.393/3/	-2.081038	-1.212108	0	-0.01/303	-1.822343	-0./9/033
1	-2.552952	-2.338007	-1.033414	1	-0.033128	-2.005/05	-1.042080
1	-1.302387	-1.8/1832	-2.2/4084	1	0.420430	-1.45/405	-1./12404
6	-0.022749	-2.802498	-0.948371	1	0.003017	-2.185511	0.161732
1	0.119988	-0.139810	-0.281480	0	0.240234	0.528510	1 274062
1	0.083558	0.087830	-1.865464	1	-0.280758	1 15/369	0.931205
6	1 364727	-0 994833	-0 514680	1	-0.207730 1 247145	0.883313	-0 550803
1	1 357494	-1 334354	0 519728	1	0 758276	1 009899	-1 526904
1	1 345734	-1 889578	-1 137293	1	1 510715	1 889709	-0 237190
6	2 608419	-0 221261	-0 815447	6	2 503991	0 079694	-0 748217
ĭ	2.698521	0.106138	-1.845831	1	2.553958	-0.549872	-1.627427
6	3.605546	0.087611	0.016175	6	3.574973	0.104016	0.048212
6	4.792311	0.857797	-0.474081	6	4.785395	-0.718344	-0.263359
					1 (7 (())	1 0 0 7 0 0 4	1 1 (= 0 1 4

1	5.706151	0.277969	-0.343338	1	5.017958	-1.396123	0.558309
1	4.921236	1.776661	0.098387	1	5.658113	-0.078720	-0.396369
6	3.675271	-0.296536	1.460679	6	3.682271	0.935087	1.287809
1	4.545854	-0.928126	1.637989	1	3.835020	0.299597	2.160800
1	3.806441	0.589449	2.082232	1	4.552141	1.589258	1.229045
1	2.802079	-0.834048	1.817235	1	2.810267	1.555634	1.473084
b1 ₈	0 700641	0 740274	0 028056	b1 ₁₁	0.014993	0 834000	0 255866
6	0.709041	-0./493/4	0.028030	6	0.914885	0.854000	-0.333800
6	2.090182	0.713106	-0.674148	0	2.336469	-0.940034	1 038003
6	2 035604	0.713100	-0.074148 -1.137028	0	0.513583	-0.655307	1.038003
6	2.935094	-0.734783	-0.164272	0	0.776723	0.765969	1.021912
6	2.039132	-1.492170	-0.104272	0	0.770723	1.065072	1.1/31/0
6	2.490477	-1.131/93	1.258570	0	2.200338	0.423228	0.045380
0	1.064/1/	0.151441	2 100817	0	2.011101	0.425228	0.043380
1	1.104373	2 474001	2.109817	1	2 800582	1 736087	1 21/653
0	1.556502	2.4/4001	0.340370	0	2.809382	-1./3096/	-1.214033
1	0.823312	2.040000	0.506571	1	3.234977	-1.132800	-1.99/903
1	2.403347	2 720200	0.500571	1	2 00/007	-2.434020	-0.848073
1	1.130221	2.739309	-0.028371	1	2.004997	-2.332309	-1.013400
1	4.037000	1 /16600	-0.133388	1	2.333077	-1.709774	0.736004
1	2 523420	0.776467	-1.302307	1	0.460607	-2.337220	1 201504
1	2.323439	-0.770407 1 227814	-2.142931	1	-0.409007	-0.980985	2 707327
1	1.03//23	-1.237814	-1.181908	1	0.323072	-0.709133	2.707327
1	1.934423	-2.343980	-0.423038	1	2 501022	2 122168	1.390623
1	2.144232	-1.843188	1 202262	1	2.301922	2.122108	2 246427
6	-0.302030	-1.010338	0.875505	6	1.050531	0.003321	_0.030180
1	0.138503	-2.030001	1 700556	0	1.050551	2.227992	-0.302026
1	-1 070795	-0.818482	1.700550	1	1 3/581/	2.800952	-0.392020
1	-0.805474	-0.818482	0.225797	1	0.073529	2.194705	-0.877848
6	0.050801	-0.0603/3	-1 161053	6	0.075325	-0.049984	-1.273206
1	-0 204060	-0.892304	-1 833042	1	-0.024121	-1.054105	-0.867770
1	0 783010	0 521398	-1 718549	1	0.613487	-0.142687	-2 223868
6	-1 192716	0.775467	-0.888642	6	-1 326582	0.484087	-1 564205
1	-1.085236	1 315551	0.051164	1	-1 255778	1 420575	-2 116903
1	-1 236163	1 541896	-1 665615	1	-1 784751	-0 221914	-2.252575
6	-2 477020	0.005561	-0.925625	6	-2.189553	0.679319	-0.356771
1	-2 584070	-0.645670	-1 787117	1	-2.006498	1 583565	0 214174
6	-3.506831	0.075791	-0.080570	6	-3 184872	-0 106561	0.063118
6	-4 744923	-0 731689	-0 318280	6	-3 991311	0.259073	1 270338
1	-4 669918	-1 339770	-1 215514	1	-3 653155	1 187178	1 723570
1	-5 613668	-0.081286	-0 421520	1	-3 948313	-0 529148	2 022571
1	-4.947314	-1.390141	0.527017	1	-5.042171	0.376542	1.005337
6	-3 558511	0 938985	1 141049	6	-3 612824	-1 375484	-0 604862
1	-4 355946	1 676185	1 045556	1	-3 592220	-2 202785	0 105034
1	-3.797786	0.340671	2.020697	1	-4.644885	-1.290287	-0.945268
1	-2.638238	1.481401	1.337953	1	-3.002673	-1.651216	-1.459120
b1 ₁₂				b1 ₁₃			
6	-0.574221	-0.447366	0.479300				
6	-2.727735	-0.090883	-0.268981				
6	-2.464399	1.215542	-0.915715				

-1.098264 1.808845 -0.490992

-0.580386 1.068312 0.724236

-2.637764 -1.132906 1.582074

1.734728

1.039808

-1.729518 0.964424

-2.283504 -0.265331

6

6

6

6

6	-3.434388	-1.150923	-1.005215
1	-3.486597	-2.087300	-0.459925
1	-4.455086	-0.798210	-1.179084
1	-2.999203	-1.305443	-1.991286
1	-3.267418	1.869328	-0.558772
1	-2.577865	1.153526	-1.994772
1	-0.398311	1.738308	-1.318924
1	-1.209074	2.864436	-0.257574
1	0.368466	1.468850	1.071542
1	-1.403944	0.738228	2.742677
1	-2.407480	1.814405	1.774524
6	0.025297	-1.278579	1.590966
1	-0.307066	-0.996833	2.583116
1	-0.173174	-2.337183	1.442200
1	1.103811	-1.128746	1.554658
6	-0.231887	-1.035008	-0.879015
1	-0.604554	-0.408105	-1.687486
1	-0.726048	-2.002868	-0.974531
6	1.273360	-1.254216	-1.097364
1	1.631138	-2.044242	-0.443315
1	1.374085	-1.645675	-2.111936
6	2.099254	-0.014822	-0.963190
1	1.771456	0.823620	-1.569550
6	3.213784	0.156769	-0.247325
6	3.943910	1.464015	-0.274494
1	3.442984	2.200929	-0.896758
1	4.955039	1.329300	-0.658881
1	4.047093	1.873598	0.730827
6	3.864594	-0.892739	0.598441
1	4.862020	-1.109825	0.215858
1	4.000419	-0.533253	1.618823
1	3.321677	-1.832174	0.635369

$b\mathbf{1}_{14}$

6	-1.257062	-1.111265	-0.341534
6	-1.343752	1.393378	-0.234492
6	-1.690660	1.404484	1.196100
6	-2.094275	0.043246	1.774403
6	-2.425342	-0.926590	0.651471
6	-3.160932	-0.152528	-0.446778
6	-1.761115	0.266620	-1.020201
1	-1.618475	0.388201	-2.089376
6	-0.795366	2.599791	-0.863260
1	-0.176500	2.364484	-1.725205
1	-1.661793	3.145161	-1.258772
1	-0.279633	3.255391	-0.169632
1	-2.544743	2.099582	1.218260
1	-0.926762	1.925894	1.769511
1	-1.296451	-0.351227	2.399493
1	-2.960623	0.167920	2.420173
1	-2.882446	-1.837305	1.030031
1	-3.665184	-0.778579	-1.170951
1	-3.831017	0.651610	-0.153114
6	-1.531767	-2.258216	-1.307687
1	-2.568154	-2.351203	-1.614301
1	-0.917206	-2.169173	-2.200758
1	-1.259406	-3.190191	-0.814585
6	0.197776	-1.257123	0.107084
1	0.759984	-1.658637	-0.735517

b1 ₁₅			
6	1.275560	-1.026601	0.132754
6	0.511375	1.399714	0.219037
6	1.164917	1.590929	-1.095749
6	2.468635	0.772520	-1.220960
6	2.568357	-0.182732	-0.048738
6	2.220213	0.617042	1.202270
6	0.660864	0.165910	0.891049
1	0.024029	0.014942	1.754833
6	-0.237328	2.509040	0.830155
1	-1.151727	2.611194	0.238349
1	-0.523123	2.314378	1.858106
1	0.293675	3.454055	0.744721
1	1.307151	2.647620	-1.305737
1	0.420220	1.233579	-1.813015
1	2.508236	0.249195	-2.171965
1	3.315882	1.455581	-1.199728
1	3.512060	-0.722623	-0.035962
1	2.432176	0.164131	2.164655
1	2.513220	1.665380	1.246805
6	1.517159	-2.179939	1.099137
1	2.011468	-1.877229	2.019194
1	0.584152	-2.664970	1.376417
1	2.149360	-2.925974	0.622857
6	0.542323	-1.541753	-1.104063
1	1.033495	-2.467721	-1.402482

1	0.204624	-2.049070	0.860390	1	0.661583	-0.867575	-1.950751
6	0.987688	-0.064543	0.630111	6	-0.952603	-1.805237	-0.903711
1	0.906376	0.765975	-0.078033	1	-1.276152	-2.476798	-1.700971
1	0.594382	0.283098	1.583442	1	-1.123279	-2.351714	0.020924
6	2.434153	-0.401597	0.831434	6	-1.801961	-0.573823	-0.978030
1	2.634153	-1.023794	1.696143	1	-1.725958	-0.034495	-1.918781
6	3.471721	-0.038373	0.076167	6	-2.711679	-0.132206	-0.102989
6	4.860226	-0.473981	0.426868	6	-3.570830	1.052932	-0.422873
1	4 881149	-1 084390	1 325127	1	-3 303296	1 511720	-1 371819
1	5 505596	0 390058	0 586577	1	-3 521039	1 808927	0 362939
1	5 301607	-1 048628	-0 387534	1	-4 617880	0 755063	-0.484606
6	3 383964	0.810629	-1 153108	6	-3 015739	-0 778699	1 212141
1	3 968506	1 722264	-1 028112	1	-2 987902	-0.045206	2 019176
1	3 811428	0 283395	-2.005879	1	-4 028751	-1 181907	1 205489
1	2.369050	1.095570	-1.416848	1	-2.343175	-1.592131	1.464762
b1 ₁₆				b1 ₁₇			
6	-1.235443	-0.959346	-0.106787	6	-0.570051	-0.037887	0.474861
6	-0.979274	1.436373	-0.249869	6	-2.778019	-0.560595	-0.018509
6	-1.864054	1.700478	0.892502	6	-2.905587	0.408864	-1.137879
6	-2.717856	0.499203	1.332070	6	-1.763860	1.455615	-1.135962
6	-2.684678	-0.582186	0.266402	6	-1.028398	1.394801	0.188072
6	-2.841558	0.086364	-1.103119	6	-2.070484	1.401779	1.310862
6	-1.324348	0.356120	-1.118780	6	-2.317388	-0.085839	1.195040
1	-0.754384	0.304496	-2.039712	1	-2.373123	-0.733444	2.059724
6	0.230201	2.218899	-0.443635	6	-3.153360	-1.972696	-0.221193
1	1.051983	1.535340	-0.156518	1	-2.962070	-2.590932	0.649699
1	0.405805	2.446463	-1.492630	1	-4.223401	-2.006743	-0.439363
1	0.279401	3.106558	0.177793	1	-2.655185	-2.390824	-1.094977
1	-2.507167	2.502982	0.496891	1	-3.861772	0.914562	-0.972471
1	-1.314996	2.173072	1.705465	1	-2.994929	-0.103803	-2.092343
1	-2.342378	0.119922	2.279899	1	-1.089779	1.262366	-1.966837
1	-3.743128	0.816886	1.504759	1	-2.170284	2.452513	-1.284081
1	-3.343710	-1.411025	0.514404	1	-0.232364	2.134748	0.248088
1	-3.111294	-0.599705	-1.895711	1	-1.664138	1.664537	2.279986
1	-3.486302	0.959961	-1.165804	1	-2.946085	2.021260	1.127747
6	-1.162586	-2.198163	-0.979837	6	0.228777	-0.256148	1.729595
1	-1.960106	-2.255410	-1.712460	1	-0.064411	0.374908	2.560500
1	-0.215034	-2.269067	-1.506139	1	0.197507	-1.297174	2.040952
1	-1.249512	-3.073097	-0.335466	1	1.268851	-0.037558	1.477348
6	-0.214013	-1.039212	1.025194	6	-0.093154	-0.918872	-0.656102
1	-0.653607	-1.735713	1.744816	1	-0.797785	-0.927193	-1.482573
1	-0.130159	-0.092876	1.560189	1	0.002372	-1.947041	-0.307278
6	1.194331	-1.540210	0.696111	6	1.262857	-0.445529	-1.228210
1	1.733138	-1.616732	1.636871	1	1.333114	-0.901598	-2.218021
1	1.132156	-2.561360	0.317420	1	1.236585	0.628633	-1.403090
6	1.965882	-0.711133	-0.281866	6	2.469911	-0.843941	-0.442060
1	1 588167	-0 714849	-1 300498	1	2 498232	-1 889661	-0 153315
6	3 107273	-0.043881	-0.071762	6	3 530873	-0.093950	-0.131202
6	3 795239	0.665539	-1 197413	6	4 694635	-0.688610	0 598914
1	3 252757	0 575234	-2 135322	1	4 540209	-1 739093	0 829339
1	4 793720	0 255531	-1 349308	1	4 882622	-0 155129	1 531142
1	3.931181	1.724267	-0.972257	1	5.603629	-0.602549	0.003417
6	3 821812	0.042121	1 239939	6	3 691860	1 352958	-0 476704
1	4 790177	-0 453566	1 168716	1	3 921518	1 933985	0 416666
1	4.028166	1.081953	1.493627	1	4.537048	1.482648	-1.152899
1	3.279559	-0.405064	2.066074	1	2.821956	1.792894	-0.954511

b1 ₁₈			
6	-0.615537	-0.468032	-0.319436
6	-2.522313	0.853987	-0.406150
6	-2.883519	0.666258	1.024684
6	-2.137653	-0.531913	1.660650
6	-1.488451	-1.358006	0.567368
6	-2.540162	-1.618558	-0.515134
6	-2.321987	-0.275299	-1.172535
1	-2.217174	-0.166581	-2.243508
6	-2.417852	2.215901	-0.966106
1	-2.095367	2.223152	-2.002058
1	-3.404760	2.680600	-0.909399
1	-1.756684	2.838339	-0.364432
1	-3.959652	0.470114	1.028541
1	-2.741726	1.585812	1.587056
1	-1.397279	-0.167567	2.368014
1	-2.831708	-1.151455	2.222292
1	-0.966551	-2.225729	0.96/609
1	-2.28/049	-2.434655	-1.181014
	-3.330824	-1./80/02	-0.140100
0	0.125076	-1.12/50/	-1.44991/
1	-0.388020	-1.9/3430	-1.88/330
1	1.078001	-0.410324	-2.230182
6	0 170080	-1.470839	-1.043970
1	-0 447009	1 318861	0.290332
1	0.625112	1.518801	-0.499331
6	1 298030	0 154014	1 236951
1	1.625528	1 034483	1 788085
1	0.860616	-0.507037	1 984729
6	2 484139	-0 524757	0 619738
1	2.499880	-1.607315	0.671687
6	3.548110	0.077151	0.080907
6	4.694721	-0.720182	-0.454652
1	4.529680	-1.789846	-0.358758
1	5.613730	-0.469926	0.075509
1	4.870180	-0.491428	-1.506148
6	3.708046	1.560055	-0.029927
1	4.630377	1.876093	0.457126
1	3.796707	1.856044	-1.075805
1	2.889430	2.121149	0.410936
cl ₁	1 122((1	0.00000	0 (41292
6	1.132001	-0.269920	0.041282
6	1.5/8435	1.002632	0.009720
6	2.409/44	0.098470	-1.//1292
6	2.220999	-1.34/9/3	-1.314134
6	2.290370	-1.203242	0.207301
6	2 931684	0.861914	-0.429034
1	3 503688	1 753285	-0.653604
6	0.761657	2 200422	-0.186863
1	0 634718	2.200422	0.805693
1	1.241069	2.936723	-0.823194
1	-0.237562	1.963614	-0.543664
1	3.222797	0.263026	-2.475217
1	1.521413	0.534693	-2.227071
1	1.290945	-1.778122	-1.670158
1	3.032189	-1.976763	-1.671398

c1 ₂			
6	-1.027683	0.558618	-0.092344
6	-1.883612	-0.042993	0.966555
6	-2.760641	-1.574994	-0.290451
6	-2.133869	-1.081164	-1.594758
6	-1.974951	0.414783	-1.316521
6	-3.345999	0.734489	-0.728081
6	-3.212500	-0.203273	0.462856
1	-4.021113	-0.361086	1.165318
6	-1.450128	-0.455899	2.301320
1	-1.294027	0.470307	2.865052
1	-2.200775	-1.038973	2.824424
1	-0.491629	-0.967803	2.289219
1	-3.699580	-2.113602	-0.399879
1	-2.107342	-2.221073	0.295216
1	-1.202610	-1.586716	-1.826921
1	-2.809132	-1.235879	-2.432092

1	2.315583	-2.139778	0.759038	1	-1.660309	1.011986	-2.166534
1	3.799710	-0.042887	1.356671	1	-3.497052	1.767313	-0.430297
1	4.401450	-0.717942	-0.152834	1	-4.164073	0.446200	-1.382618
6	1.189726	-0.017006	2.167699	6	-0.876824	2.049989	0.297288
1	2.151608	0.353390	2.507839	1	-1.824580	2.550938	0.466990
1	0.426884	0.689263	2.479141	1	-0.270213	2.163443	1.190040
1	1 001196	-0.964147	2.667710	1	-0 374080	2 556113	-0 523522
6	-0 258280	-0 768189	0.206936	6	0 348690	-0 103807	-0 291546
1	-0 246000	-1 853474	0.321244	1	0.639952	0.082379	-1 326053
1	-0.240000	0 588723	0.860346	1	0.039932	1 186810	0.200021
1	-0.392901	-0.366723	-0.800340	1	0.243143	-1.160610	-0.209921
0	-1.465515	-0.227489	0.944194	0	1.300903	0.342/13	0.007748
1	-1.435836	-0.5264/3	1.992503	1	1.748236	1.381137	0.405991
l	-1.49958/	0.860883	0.938/9/	l	1.206846	0.301693	1.659963
6	-2.737836	-0.776987	0.342070	6	2.696559	-0.534092	0.407389
1	-2.799231	-1.860089	0.338723	1	2.557533	-1.570183	0.698902
6	-3.771633	-0.104176	-0.166584	6	3.890955	-0.191078	-0.079084
6	-4.957525	-0.833902	-0.717312	6	4.981938	-1.208725	-0.203717
1	-4.837118	-1.911929	-0.656945	1	4.666144	-2.191230	0.136244
1	-5.127336	-0.566115	-1.760469	1	5.853280	-0.910298	0.379481
1	-5.862501	-0.562082	-0.173572	1	5.313356	-1.294367	-1.238722
6	-3.885063	1.386835	-0.230929	6	4.276906	1.183091	-0.527770
1	-4 037813	1 711815	-1 260384	1	5 110503	1 552263	0.069808
1	-4 757850	1 720936	0.330113	1	4 624518	1 157601	-1 560505
1	-3 021877	1.912579	0.166503	1	3 474158	1 910682	-0.462897
1	-5.021077	1.)1257)	0.100505	1	5.777150	1.910002	-0.402077
c1.				e1.			
6	1 150277	0 410962	0 716000	C14	1 105256	0 060000	0 112720
6	-1.1392//	-0.410802	0.710880	0	-1.193230	0.000099	0.112/29
0	-1.85504/	-0.834080	-0.313423	0	-1.490430	-0.2/48/8	0.997085
6	-2.053302	1.191541	-1.40/265	6	-1.902465	-1./49/93	-0.595299
6	-1.455655	1.912363	-0.195397	6	-1.752614	-0.741851	-1./38018
6	-1.824938	0.972777	0.957217	6	-2.162805	0.573736	-1.067030
6	-3.284284	0.694649	0.596977	6	-3.420282	0.099338	-0.337417
6	-2.971594	0.044577	-0.749040	6	-2.696438	-0.920839	0.536773
1	-3.759469	-0.298339	-1.408728	1	-3.232826	-1.557550	1.229645
6	-1.490710	-1.963085	-1.365431	6	-0.708462	-0.695344	2.153486
1	-1.992159	-2.832509	-0.922542	1	-0.993421	-0.012857	2.963304
1	-1.884915	-1.864589	-2.372626	1	-0.955028	-1.699015	2.484702
1	-0.426402	-2.172959	-1.373863	1	0.360730	-0.574785	2.005851
1	-2,752683	1 787602	-1 989678	1	-2.557455	-2 591086	-0.811751
1	-1 307186	0.819169	-2 107383	1	-0.957918	-2 175579	-0.259316
1	-0.305212	2 002701	_0.303009	1	-0 757398	-0.740642	-2 159596
1	1 036006	2.092701	-0.303009	1	-0.757598	-0.740042	-2.139390
1	-1.930990	2.873340	-0.044002	1	-2.44/932	-0.90/409	-2.342336
1	-1.03/430	1.300907	1.951069	1	-2.2820/1	1.41/158	-1./39/45
1	-3.822832	0.040211	1.2/36/3	1	-3.948426	0.853995	0.234941
I	-3.864350	1.605086	0.473089	l	-4.132135	-0.381105	-1.003054
6	-1.693587	-1.439663	1.770008	6	-1.743294	2.075269	0.949648
1	-2.768572	-1.585706	1.760311	1	-2.708606	1.908755	1.416977
1	-1.216753	-2.404648	1.626763	1	-1.031871	2.339999	1.725912
1	-1.415840	-1.061125	2.750767	1	-1.842312	2.917809	0.269599
6	0.372451	-0.545056	0.744044	6	0.284481	1.188425	-0.149000
1	0.597840	-1.611824	0.714128	1	0.734158	1.424484	0.815897
1	0.704035	-0.217707	1.729404	1	0.308504	2.124414	-0.707999
6	1 233330	0.137956	-0.322092	6	1 195461	0.172028	-0.842193
1	0 766082	0.042916	-1 307424	1	1 038715	-0.830556	-0 445076
1	1 272750	1 20052910	-0.12/220	1	0.06/1250	0.030330	1 006069
6	1.323230	0.407400	0.124239	1	0.204032	0.120339	-1.200008
0	2.391443	-0.48/009	-0.3/4011	0	2.02/921	0.379238	-0.092/80
I	2.604261	-1.52/549	-0.085335	l	2.865492	1.549325	-1.115842
6	3.764999	0.078165	-0.084509	6	3.624033	-0.101052	-0.122511
6	5.035328	-0.705139	-0.200577	6	5.007731	0.469407	-0.079161

1	4 859042 -1	724291	-0 533309	1	5 056280	1 455050	-0 533252
1	5.554001 0	747469	0.757447	1	5 707005	0.101020	0.602541
1	5.554001 -0.	742400	0.737447	1	5.707905	-0.161236	-0.003341
1	5./16302 -0.	229058	-0.906282	1	5.363037	0.54/661	0.948588
6	3.953258 1.	493873	0.361080	6	3.500321	-1.458049	0.497048
1	4.489896 1.	520222	1.309283	1	4.151404	-2.166040	-0.015754
1	4.568667 2.	035151	-0.357679	1	3.831886	-1.432245	1.535441
1	3.026523 2.	044530	0.487590	1	2,493179	-1.864398	0.472590
	2.020020 2.	0	0	-	,0177	1.00.070	0.172030
c15				c16			
6	-0.990450 0	462447	-0.269831	6	1 105009	-0 524617	-0 442569
6	-2 083743 0	718075	0.20/031	6	2 102055	-0.600/0/	0.553752
6	-2.003743 0.	216112	0.927442	6	2.172755	1 252015	1 268020
6	-2.743912 -1.	072010	0.037443	0	2.173000	1.555615	0.229116
0	-1.624362 -1.	.0/2910	-0.203349	0	1.10204/	1.030970	0.238110
6	-1.650689 -0.	.634358	-1.145969	6	1.411654	0.912551	-0.938028
6	-3.097540 -0.	.157096	-1.244004	6	2.937007	0.929145	-0.991142
6	-3.277499 0.	072592	0.250635	6	3.137679	0.366260	0.409816
1	-4.226751 0.	372211	0.676522	1	4.121111	0.253475	0.848553
6	-1.959425 1.	480865	1.944885	6	2.273742	-1.769832	1.545956
1	-1.959917 2.	534215	1.641005	1	2.597016	-2.658815	0.991885
1	-2.802519 1.	337445	2.612662	1	3.016547	-1.578550	2.313326
1	-1 016176 1	307758	2 455118	1	1 308473	-2.013075	1 981293
1	-3 659944 -1	913521	0.988628	1	2 863598	2 105353	1 648302
1	-2 264170 -1	270808	1 813777	1	1 717302	0.891270	2 142215
1	-2.204170 -1.	260761	0.1240(7	1	0.144470	1.025502	2.142213
1	-0.892835 -2.	.209/01	0.124067	1	0.144479	1.835592	0.012075
1	-2.309209 -2.	.666/13	-0.82/800	1	1.382/59	2.883029	-0.0516/6
1	-1.139342 -0.	.803513	-2.08/324	1	0.898462	1.171922	-1.857750
1	-3.248516 0.	746987	-1.826142	1	3.380872	0.304154	-1.760135
1	-3.769777 -0.	.922712	-1.621614	1	3.345242	1.931465	-1.088598
6	-0.852501 1.	795792	-1.052918	6	1.423197	-1.575393	-1.540872
1	-1.799994 2.	219538	-1.373756	1	2.467171	-1.598125	-1.840569
1	-0.336066 2.	535994	-0.447676	1	1.145181	-2.569790	-1.202109
1	-0.260162 1.	605976	-1.943401	1	0.834932	-1.335959	-2.422021
6	0 350344 0	101338	0 383598	6	-0.301825	-0 764108	0 121082
1	0.201557 -0	684424	1 126077	1	-0.433730	-0.212129	1 052273
1	0.723415 0	066/31	0.031830	1	-0.400524	-1 810156	0.379305
6	1 4 2 9 2 4 1 5 0.	240515	0.551850	1	-0.400324	-1.819130	0.279303
0	1.428840 -0.	200457	-0.399/48	0	-1.454201	-0.384449	-0.851281
1	1.0608/5 -1.	200457	-1.1//301	1	-1.388319	0.0/8391	-1.058059
I	1.6369/8 0.	441902	-1.315670	I	-1.305533	-0.909449	-1.779887
6	2.674806 -0.	756823	0.120765	6	-2.763574	-0.752029	-0.252661
1	2.571947 -1.	637927	0.745418	1	-2.917088	-1.816505	-0.110609
6	3.874795 -0.	174753	0.075012	6	-3.762238	0.063119	0.092265
6	5.022331 -0.	734133	0.857134	6	-5.037655	-0.489242	0.649016
1	4.738765 -1.	615583	1.425625	1	-5.013339	-1.572528	0.728845
1	5.416932 0.	008979	1.550448	1	-5.883001	-0.213736	0.018140
1	5.842196 -1.	007172	0.192482	1	-5.238484	-0.076737	1.638037
6	4 213995 1	037156	-0 734522	6	-3 744625	1 553432	-0.042635
1	4 629793 1	814149	-0.092996	ĩ	-4 538839	1 878833	-0 714687
1	1.027755 1.	706020	-1 466652	1	-3 0//878	2 021968	0.921105
1	3.369460 1.	460710	-1.268923	1	-2.808143	1.950288	-0.422266
-	2.203100 1.		1.200720	-	2.0001.0	1.,00200	0
c1 ₁₂				c1 ₁₃			
6	1.296317 -0.	553077	-0.634251	6	1.291142	-0.683561	-0.493236
6	2.022826 -0	375439	0.642809	6	2.009349	-0.168959	0.693288
6	1 045282 1	479675	1 267220	6	0 939879	1 734285	0 862020
6	0.220216 1	627869	-0.011859	6	0 108581	1 525831	-0 404747
6	1 105272	932115	_1 050300	6	1 028281	0 644515	-1 254557
6	2 1.105272 = 0. 2 159220 = 1	512766	-0.684564	6	7 2/0000	1 200940	1.207007
6	2.430230 l.	070202	-0.004304	U C	2.240090	1.370009	-1.002032
0	2.400100 0.	7/7303	U./JIY88	Ö	2.403217	1.100090	0.448300

1	3.294137	1.203087	1.419776	1	3.199040	1.610660	1.052454
6	2.233799	-1.404723	1.660467	6	2.274556	-0.912365	1.924677
1	3.001720	-2.072682	1.253981	1	3.078721	-1.615389	1.679268
1	2 614259	-1 001481	2 592980	1	2 632208	-0 278898	2 729538
1	1 351288	-2 016426	1 826104	1	1 427298	-1 513785	2.727536
1	1.331200	2 411784	1.320104	1	1.427290	-1.515785	1 1 2 2 7 5 2
1	1.2/32/4	2.411/04	1.//9598	1	1.122030	2.773230	1.120/32
1	0.5903/3	0.827975	2.01243/	l	0.51/925	1.262618	1./48/89
l	-0.774565	1.20/63/	0.072736	l	-0.861612	1.085453	-0.212203
1	0.110895	2.676514	-0.277634	1	-0.055763	2.471818	-0.915044
1	0.784720	1.047218	-2.080884	1	0.702519	0.490768	-2.278291
1	3.301071	1.221952	-1.287407	1	3.207979	0.976257	-1.578682
1	2.436810	2.629084	-0.681780	1	2.272902	2.443201	-1.321904
6	2.395743	-1.213447	-1.533583	6	2.420590	-1.490205	-1.220188
1	3.389318	-0.788625	-1.430605	1	3.389854	-1.002371	-1.244885
1	2.460514	-2.275744	-1.317661	1	2.544852	-2.460740	-0.749130
1	2.085218	-1.089580	-2.568118	1	2.098020	-1.643271	-2.247096
6	0 114156	-1 535580	-0 646486	6	0 1 5 8 2 9 2	-1 694723	-0 253729
1	0 520493	-2 498984	-0 339129	1	0.615558	-2 541433	0 257782
1	-0.164544	-1 672005	-1 601700	1	-0.121201	-2.081657	-1 23/195
6	1 152072	1 270821	0.168/32	6	1 1 1 6 7 0 0	1 212004	0.506115
1	-1.155075	-1.270831	0.108432	0	-1.110/99	-1.312994	1.009722
1	-1.30/398	-2.249480	0.418145	1	-1.433911	-2.222412	1.008/22
I	-0.908137	-0.816518	1.131436	l	-0.901890	-0.609911	1.312025
6	-2.203498	-0.4/5843	-0.559088	6	-2.236053	-0.820654	-0.365/48
l	-2.027158	-0.316066	-1.61/35/	l	-2.222509	-1.193827	-1.384233
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1	-5.290528	0.203626	-0.901494	1	-5.311288	-0.062441	-0.635858
6	-3.740969	-0.191809	1.386374	6	-3.465593	0.506052	1.366870
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1	-3.001137	-0.723670	1.977309	1	-2.652724	0.282487	2.051814
a 1				a1			
c1 ₁₅	0.044264	0.5(1041	0 1 4 4 4 4 4	c1 ₁₇	0 712425	0 452027	0.000105
6	0.844364	-0.561841	0.144444	6	-0./13425	-0.453027	0.099195
6	1.068907	0.900661	0.308507	6	-2.1604/6	-0.768456	0.180439
6	2.904584	0.995711	-0.858704	6	-2.857067	1.092830	-0.705871
6	3.006869	-0.515367	-1.076805	6	-1.470492	1.735348	-0.785337
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1	-0.468923	1 822453	-0.827730	1	-2 341939	-2 422306	-1 157587
1	3 852/01	1 520206	-0.877184	1	-3 686254	1 703081	-0.630533
1	2 256229	1.529290	1 572142	1	-3.080234	0.420625	1 5 4 7 2 2 0
1	2.230330	0.921692	-1.3/3143	1	-3.080904	0.439033	-1.347330
1	2.343841	-0.851082	-2.003073	1	-0.993073	1.3/20/4	-1./4/142
1	4.045288	-0.834/12	-1.102292	1	-1.551559	2.808893	-0.02/195
1	2.394177	-2.134608	0.315173		0.230075	1.481079	0.626/83
1	2.620/31	-0.374034	2.264052	1	-1.541056	0./58568	2.434228
l	4.042455	-0.228358	1.236344	1	-2.144755	2.205080	1.631293
6	0.104400	-0.978738	1.440421	6	-0.118762	-1.241763	1.301216
1	0.586029	-0.626574	2.347564	1	-0.674732	-1.120171	2.226980
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6	0 695887	0 163578	0 235184
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1	0.736166	0.485228	2.441392
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1	-0.728064	-0.252569	1.801521
6	-0.250476	0.504390	-0.925790
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6	2.419395	-0.706782	-0.584056
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6	2.096350 -1.120547 -0.170915	
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6	2.545054	1.030299	-0.892528
6	3.088361	0.339539	0.320272
6	3.756949	-0.815563	0.361984
6	4.262083	-1.365805	1.659744
6	0.304142	2.599657	0.417587
6	4.087161	-1.650013	-0.835768
1	-3.801860	0.230882	2.110157
1	-5.592311	-1.140124	1.232149
1	-5.594040	-1.530182	-0.512935
1	-4.709618	-2.534474	0.601410
1	0.440364	0.509103	0.883432
1	-1 904317	1 646551	1 647766
1	-0 378041	2,920592	1 203150
1	1.305632	2.797297	0.787901
*	1.202024		J., J, JUI

6	1.972769	-1.226353	-0.431978
6	2.519049	0.003176	0.284989
6	2.347557	1.334903	-0.441378
6	0.946114	1.801075	-0.727724
6	0.059381	2 280395	0 173872
6	-1 238480	2 865485	-0 260488
6	2 620252	2.005405	0.111223
6	2.030332	2.400341	1 642757
0	0.511808	2.32/2/4	1.042/3/
1	-2.206351	0.415812	-1./80016
1	-4.293773	-0.235245	-0.844328
1	-4.279824	-1.817845	-0.044487
1	-4.161300	-0.371482	0.917319
1	2.241849	-1.147643	-1.489870
1	0.146522	-0.093663	-2.145356
1	2.218213	-3.388264	-0.343811
1	3.697251	-2.475989	-0.096960
1	2 516025	-2 572968	1 190778
1	3 590017	-0.146801	0.419708
1	2.390017	-0.140301	1 202917
1	2.1004//	0.031739	1.292017
1	2.860009	2.106201	0.135860
1	2.884748	1.277911	-1.38/504
1	0.701994	1.977563	-1.768615
1	-1.344726	2.892011	-1.341270
1	-1.339238	3.883042	0.116809
1	-2.074128	2.300412	0.160761
1	0.250507	3.360890	1.984853
1	-0.461877	1.786281	2.190079
1	1.281248	1.936942	1.929397
1	-2.185392	-1 717863	1 830102
1	-1 854064	_2 788827	0.505905
1	-0.045686	-0.560742	1 530258
1	0.072215	-0.300742	1.557250
1	0.275515	-2.202100	1.300300
1	0.232918	-2.309428	-0.929339
i 12			
6	-0.671120	0 369008	-0.002583
6	-1 600311	1 353361	0.234231
6	2 050116	1.000132	0.024146
6	-2.930110	0.247157	0.024140
6	-3.390034	-0.24/13/	-0.393773
0	-2.441/41	-1.552/01	0.018432
6	-1.001620	-1.023682	-0.348952
6	-3.956277	2.160/42	0.165407
6	0.017221	-2.040922	0.216345
6	1.245077	-2.236252	-0.682007
6	2.046887	-1.015735	-1.136950
6	2.721938	-0.243207	-0.046060
6	2.953783	1.072589	0.006417
6	3.718444	1.673578	1.145362
6	0.353188	-1.764807	1.678075
6	2.544133	2.051667	-1.051089
1	-1 277645	2 349147	0 498413
1	_3 528293	3 156302	0 203927
1	_4 708541	2 006201	-0.610265
1	-4./00341	2.070001	1 104062
1	-4.490320	1.7/8338	1.104003
1	-0.51221/	-2.9938/3	0.1908/6
1	0.380997	0.634544	0.049597
l	-0.542724	-1.705292	2.294915
1	0.960700	-2.572382	2.079507

-3.859295 -0.811736 -0.034780

1	0 139970	3 244406	0 115630
L	0.1300/0	5.244400	-0.443039
l	0.735832	1.324872	-2.024367
l	0.949665	-0.290119	-1.366383
l	3.082696	0.719150	-1.785557
l	2.721901	2.102491	-0.806280
l	2.931611	0.848408	1.265613
l	4.002720	-0.729005	2.501552
l	5.347302	-1.469352	1.635984
l	3.859143	-2.362231	1.844802
l	5.167909	-1.746821	-0.942762
l	3.698410	-2.661318	-0.712029
l	3.693440	-1.250986	-1.765154
l	-3.222173	-1.839908	-1.522026
l	-3.568311	-0.156127	-1.766476
l	-1.053627	-1.310103	-0.461912
l	-1.152559	-0.494225	-2.006118
l	-1.693855	1.631696	-0.938868

i ₁₄			
6	1.961043	1.223240	-0.641306
6	2.732746	0.121830	-0.915488
6	2.805450	-0.910082	0.014105
6	2.027082	-0.833860	1.267909
6	0.769586	0.011435	1.163689
6	1.053793	1.354557	0.504984
6	3.698672	-2.057884	-0.192125
6	-0.178522	2.236042	0.167193
6	-0.873017	1.905841	-1.163186
6	-1.352909	0.484568	-1.457202
6	-2.442570	-0.018886	-0.562927
6	-2.653287	-1.269076	-0.145614
6	-3.839902	-1.606898	0.703100
6	-1.124793	2.301264	1.356480
6	-1.788722	-2.441415	-0.494176
1	3.357288	0.098594	-1.795723
1	4.420248	-1.905564	-0.986974
1	4.200434	-2.336459	0.733525
1	3.068715	-2.914330	-0.456006
1	0.223596	3.243358	0.031246
1	2.054472	2.082304	-1.296688
1	-0.605975	2.625282	2.258184
1	-1.913433	3.023789	1.159050
1	-1.601906	1.345988	1.557369
1	-0.208012	2.198585	-1.979456
1	-1.725477	2.581915	-1.243443
1	-1.728035	0.500876	-2.484144
1	-0.508189	-0.205160	-1.481923
1	-3.175223	0.727470	-0.275464
1	-4.441712	-0.730392	0.926878
1	-3.531396	-2.060065	1.646153
1	-4.477800	-2.335406	0.201920
1	-1.463522	-2.964550	0.406719
1	-2.359685	-3.165167	-1.076595
1	-0.913134	-2.178144	-1.081862
1	1.817033	-1.837366	1.635468
1	2.726254	-0.404435	2.001001
1	0.009187	-0.523905	0.599262
1	0.359883	0.166021	2.157371
1	1.648488	1.962714	1.211512

1	0.918056	-0.844185	1.808564
1	0.917884	-2.760588	-1.581510
1	1.917185	-2.925126	-0.168758
1	2.814850	-1.393196	-1.816828
1	1.430345	-0.365686	-1.760338
1	3.123319	-0.846625	0.760949
1	4.003542	0.928247	1.882743
1	3.136355	2.447827	1.646936
1	4.627188	2.155384	0.783794
1	2.028013	2.907435	-0.613028
1	3.429149	2.454410	-1.544838
1	1.915629	1.624594	-1.827891
1	-4.412112	-0.425225	-0.043774
1	-3.477078	-0.192912	-1.489089
1	-2.511086	-1.502564	1.096463
1	-2.738803	-2.287949	-0.449158
1	-0.904907	-1.048764	-1.448294

i ₁₅			
6	-1.502869	-0.330619	1.285504
6	-2.788718	0.154482	1.294815
6	-3.354438	0.631103	0.119011
6	-2.593216	0.560611	-1.145424
6	-1.558628	-0.549028	-1.167816
6	-0.694285	-0.560212	0.084865
6	-4.679893	1.264897	0.112379
6	0.216623	-1.811664	0.187896
6	1.143880	-1.900948	-1.033163
6	1.931207	-0.649001	-1.422380
6	2.863104	-0.132999	-0.372800
6	3.029056	1.125640	0.041282
6	4.059363	1.461554	1.075454
6	0.969999	-1.888504	1.511064
6	2.268703	2.308849	-0.474124
1	-3.317843	0.266958	2.229015
1	-5.043063	1.513288	1.103416
1	-4.693227	2.143059	-0.531718
1	-5.377238	0.553270	-0.342623
1	-0.445555	-2.679833	0.136453
1	-1.034494	-0.519615	2.242950
1	0.317300	-2.138121	2.346246
1	1.714637	-2.678802	1.462502
1	1.496346	-0.963825	1.739029
1	0.564233	-2.218645	-1.900425
1	1.843114	-2.716021	-0.844313
1	2.514772	-0.912709	-2.307854
1	1.253825	0.136881	-1.757145
1	3.510435	-0.884943	0.066149
1	4.593408	0.579974	1.419510
1	3.604045	1.945890	1.940521
1	4.791161	2.164481	0.676359
1	1.802139	2.854727	0.347574
1	2.949864	3.010177	-0.956784
1	1.502752	2.055095	-1.201748
1	-3.279613	0.497471	-1.988972
1	-2.113998	1.545420	-1.242476
1	-2.068526	-1.511033	-1.245099
1	-0.943348	-0.449856	-2.056578
1	-0.000449	0.301751	0.086634

i ₁₆				i	17			
6	-1.232954	0.627759	-0.224484	e	5	-2.159733	-0.092875	1.386794
6	-2.372455	1.388493	-0.136083		6	-3.271842	-0.783688	0.975750
6	-3.618627	0.770657	-0.130742		6	-3.839482	-0.494304	-0.261820
6	-3.714217	-0.703562	-0.160514		6	-3.198199	0.491577	-1.157063
6	-2.486892	-1.400441	0.397303		6	-1.707746	0.645412	-0.912108
6	-1.199863	-0.842987	-0.194325		6	-1.417857	0.876049	0.563160
6	-4.858167	1.558466	-0.142316		6	-5.099166	-1.119259	-0.685332
6	0.073407	-1.418976	0.473007		6	0.065699	0.961179	0.985640
6	1.240396	-1.596180	-0.503632		6	0.831830	-0.355322	0.769702
6	1.772013	-0.384794	-1.279032		6	1.532766	-0.589305	-0.579613
6	2.442274	0.691513	-0.474917		6	2.875973	0.068886	-0.716567
6	3.714641	0.706892	-0.071943		6	4.045860	-0.432903	-0.314661
6	4.264758	1.855990	0.712884		6	5.321346	0.320629	-0.528304
6	0.435869	-0.690334	1.761845		6	0.737845	2.183395	0.383606
6	4.697090	-0.385283	-0.354375		6	4.209534	-1.756422	0.364333
1	-2.308173	2.465919	-0.158606		1	-3.761753	-1.476053	1.643587
1	-4.703360	2.600858	-0.397776		1	-5.634671	-1.601382	0.124986
1	-5.604529	1.109193	-0.795723		1	-5.740723	-0.405125	-1.199322
1	-5.280725	1.510192	0.867328		1	-4.845772	-1.880343	-1.431701
1	-0.214492	-2.433646	0.757650		1	0.032327	1.123532	2.066393
1	-0.292695	1.146750	-0.359379		1	-1.825890	-0.231828	2.409737
1	-0.408380	-0.642478	2.449160		1	0.198281	3.093988	0.640943
1	1.236128	-1.218839	2.273609		1	1.751248	2.278933	0.763609
1	0.796302	0.320416	1.586396		1	0.805586	2.127061	-0.700668
1	0.940088	-2.348177	-1.237121		1	0.146654	-1.189532	0.958196
1	2.067016	-2.035137	0.055013		1	1.595044	-0.426048	1.543456
1	2.474805	-0.774208	-2.014681		1	1.643638	-1.665608	-0.705152
1	0.973737	0.054064	-1.882882		1	0.902132	-0.265367	-1.407122
1	1.846164	1.561031	-0.213649		1	2.894165	1.037399	-1.200080
1	3.517658	2.625024	0.892645		1	5.153029	1.275211	-1.019659
1	5.103165	2.314037	0.187785		1	6.012803	-0.259338	-1.140234
1	4.647748	1.519251	1.676697		1	5.825986	0.507732	0.420116
1	5.571929	0.016892	-0.865272		1	4.893643	-2.389927	-0.200784
1	5.057530	-0.821012	0.578064		1	4.655920	-1.624231	1.350540
1	4.291890	-1.187467	-0.963135		1	3.277193	-2.298511	0.490812
1	-4.632785	-1.025232	0.328851		1	-3.424658	0.249812	-2.194892
1	-3.853850	-0.955837	-1.222023		1	-3.725945	1.437438	-0.963456
1	-2.463784	-1.277458	1.480850		1	-1.201904	-0.262272	-1.238822
1	-2.551045	-2.467852	0.202788		1	-1.320090	1.463930	-1.511553
1	-1.153974	-1.119566	-1.262642		1	-1.867217	1.842235	0.859982
i ₁₈		1.005101	0.054051	i	19	1 005010	0.001.51.5	0.450005
6	-2.020037	1.297106	0.074071	e	5	-1.937310	0.891615	0.459385
6	-3.379159	1.189898	-0.091204		6	-3.270801	1.212224	0.505379
6	-3.942374	-0.047248	-0.381766		6	-4.174096	0.518813	-0.294543
6	-3.084859	-1.247877	-0.451070		6	-3.707560	-0.595520	-1.145641
6	-1.820360	-1.141414	0.381357		6	-2.444886	-1.262951	-0.631466
6	-1.083495	0.170176	0.150916		6	-1.371230	-0.241230	-0.287900
6	-5.373839	-0.181048	-0.682711		6	-5.589918	0.904923	-0.350977
6	0.066814	0.421815	1.163014		6	-0.114399	-0.837328	0.389805
6	1.049326	-0.755486	1.170875		6	1.080266	0.104947	0.258780
6	1.697150	-1.166385	-0.154467		6	2.410260	-0.493616	0.712534
6	2.627818	-0.169185	-0.780046		6	3.540702	0.464718	0.514095
6	3.938335	-0.053711	-0.555666		6	4.592281	0.341124	-0.297656
6	4.755436	0.975808	-1.271711		6	5.641164	1.408648	-0.355927
6	0.746169	1.771006	0.955803		6	-0.388961	-1.244927	1.831538

6	4.709693	-0.910844	0.397818	6	4
1	-3.994837	2.076530	-0.104800	1	-
1	-5.861525	0.766243	-0.884316	1	-
1	-5.541870	-0.881406	-1.499420	1	-
1	-5.847314	-0.631319	0.196682	1	-
1	-0.394542	0.434465	2.154229	1	(
1	-1.599678	2.293873	0.117483	1	-
1	0.135643	2.600568	1.309232	1	-
1	1.674030	1.806360	1.519410	1	(
1	1.005563	1.952818	-0.085074	1	_
1	0.546358	-1.628088	1.590533	1	(
1	1.837217	-0.506108	1.881561	1	
1	2.228324	-2.099071	0.030618	1	
1	0.925028	-1.429519	-0.882866	1	
1	2.192639	0.509159	-1.505497	1	ĺ
1	4.154409	1.572908	-1.952687	1	:
1	5.551228	0.502681	-1.847626	1	:
1	5.241278	1.648255	-0.563918	1	(
1	5.522876	-1.418179	-0.121592	1	4
1	5.173191	-0.295714	1.169804	1	:
1	4.104415	-1.664637	0.891640	1	4
1	-3.666269	-2.134208	-0.199856	1	
1	-2.843613	-1.361014	-1.517910	1	-
1	-2.080659	-1.212505	1.438943	1	-
1	-1.174272	-1.985131	0.160365	1	-1
1	-0.607331	0.167377	-0.846210	1	-
i				i.	
120 6	-1 690935	-0 321496	1 211540	1 ₂₁	-2
6	-2.550664	-1 348901	0.915928	6	_
6	-3 543257	-1 157560	-0.040707	6	
6	-3 630433	0 123711	-0 771506	6	_
6	-2.308180	0.864104	-0.861154	6	-
6	-1.637437	0.966139	0.500986	6	_
6	-4.549595	-2.192898	-0.309186	6	-
6	-0.207477	1.550243	0.506414	6	_
6	0.776167	0.629637	-0.215310	6	
6	2.242741	0.999881	-0.010246	6	
6	3.157651	0.048531	-0.712556	6	í
6	4.070701	-0.763871	-0.177211	6	4
6	4.916049	-1.641385	-1.048274	6	:
6	-0.199901	2.970854	-0.036307	6	_
6	4.366962	-0.880931	1.285325	6	4
1	-2.519626	-2.266881	1.483033	1	-
1	-4.588109	-2.963992	0.452223	1	-
1	-5.534610	-1.755786	-0.465028	1	-
1	-4.279815	-2.663297	-1.261365	1	-
1	0.090531	1.595407	1.558434	1	-
1	-1.025833	-0.444337	2.059807	1	-
1	-0.957498	3.588246	0.444514	1	_
1	0.760221	3.445255	0.144227	1	(
1	-0.373144	2.993622	-1.111208	1	(
1	0.562251	0.619821	-1.286187	1	(
1	0 620506	0 401205	0.128893	1	(
1	0.039390	-0.401293		-	
1	2.418170	-0.401293 2.004528	-0.399381	1	
1	0.039390 2.418170 2.458843	2.004528 1.042690	-0.399381 1.056280	1	, , ,
1	2.418170 2.458843 3.058377	-0.401293 2.004528 1.042690 0.039320	-0.399381 1.056280 -1.793134	1 1 1	
1 1 1	0.039390 2.418170 2.458843 3.058377 4.677145	-0.401293 2.004528 1.042690 0.039320 -1.521900	-0.399381 1.056280 -1.793134 -2.101660	1 1 1 1	-

6	4.853491	-0.827331	-1.195628
1	-3.607870	2.056713	1.087348
1	-5 785812	1 885708	0.068058
1	-5 978768	0.835207	-1 365637
1	-6 1/8/29	0.164302	0.232287
1	-0.140429	1 729626	0.232287
1	0.1134/0	-1./38020	-0.184451
1	-1.244807	1.542339	0.980324
I	-1.271773	-1.874117	1.926013
1	0.443194	-1.812181	2.237213
1	-0.525268	-0.373414	2.474378
1	0.904371	1.022963	0.827795
1	1.185811	0.408160	-0.784876
1	2 353476	-0 750686	1 771735
1	2 584871	-1 426424	0 178418
1	2.304071	1 364670	1 117878
1	5 410105	1.304079	1.11/0/0
1	5.418185	2.230881	0.311413
I	5./39156	1.801393	-1.368530
1	6.616529	1.005274	-0.082081
1	4.966006	-0.493014	-2.227321
1	5.792482	-1.309727	-0.922917
1	4.073292	-1.581268	-1.170683
1	-4 517785	-1 306714	-1 301914
1	-3 534159	-0 141263	-2 132483
1	2 687822	1 847040	0.255060
1	-2.067822	-1.84/040	1.274000
1	-2.068235	-1.960/69	-1.3/4900
I	-1.01/585	0.226963	-1.223/03
i 21			
1	0 (100 10	1 1 7 1 2 0 0	0 27(014
6	-2.649048	1.151290	0.3/6014
6 6	-2.649048 -3.794797	0.466813	0.376014 0.695342
6 6 6	-2.649048 -3.794797 -4.020760	0.466813 -0.790848	0.376014 0.695342 0.145519
6 6 6 6	-2.649048 -3.794797 -4.020760 -2.989095	0.466813 -0.790848 -1.412134	0.376014 0.695342 0.145519 -0.708508
6 6 6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1 583962	1.151290 0.466813 -0.790848 -1.412134 -0.915794	0.376014 0.695342 0.145519 -0.708508 -0.419929
6 6 6 6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991
6 6 6 6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 5.286803	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 1.502183	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229
6 6 6 6 6 6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229
6 6 6 6 6 6 6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229 0.096647
6 6 6 6 6 6 6 6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130 1.008750	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605 0.433473	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229 0.096647 -0.477302
6 6 6 6 6 6 6 6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130 1.008750 2.375949	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605 0.433473 0.957908	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229 0.096647 -0.477302 -0.040425
6 6 6 6 6 6 6 6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130 1.008750 2.375949 3.480858	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605 0.433473 0.957908 0.097859	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229 0.096647 -0.477302 -0.040425 -0.563975
6 6 6 6 6 6 6 6 6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130 1.008750 2.375949 3.480858 4.358222	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605 0.433473 0.957908 0.097859 -0.630050	$\begin{array}{c} 0.376014\\ 0.695342\\ 0.145519\\ -0.708508\\ -0.419929\\ -0.393991\\ 0.362229\\ 0.096647\\ -0.477302\\ -0.040425\\ -0.563975\\ 0.129676\end{array}$
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130 1.008750 2.375949 3.480858 4.358222 5.414928	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605 0.433473 0.957908 0.097859 -0.630050 -1.425009	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229 0.096647 -0.477302 -0.040425 -0.563975 0.129676 -0.573499
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130 1.008750 2.375949 3.480858 4.358222 5.414928 -0.093191	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605 0.433473 0.957908 0.097859 -0.630050 -1.425009 2.690451	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229 0.096647 -0.477302 -0.040425 -0.563975 0.129676 -0.573499 -0.259157
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130 1.008750 2.375949 3.480858 4.358222 5.414928 -0.093191 4.408045	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605 0.433473 0.957908 0.097859 -0.630050 -1.425009 2.690451 -0.725340	$\begin{array}{c} 0.376014\\ 0.695342\\ 0.145519\\ -0.708508\\ -0.419929\\ -0.393991\\ 0.362229\\ 0.096647\\ -0.477302\\ -0.040425\\ -0.563975\\ 0.129676\\ -0.573499\\ -0.259157\\ 1.622546 \end{array}$
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130 1.008750 2.375949 3.480858 4.358222 5.414928 -0.093191 4.408045 -4.561106	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605 0.433473 0.957908 0.097859 -0.630050 -1.425009 2.690451 -0.725340 0 938947	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229 0.096647 -0.477302 -0.040425 -0.563975 0.129676 -0.573499 -0.259157 1.622546 1.291381
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130 1.008750 2.375949 3.480858 4.358222 5.414928 -0.093191 4.408045 -4.561106 -6.074946	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605 0.433473 0.957908 0.097859 -0.630050 -1.425009 2.690451 -0.725340 0.938947 -0.868005	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229 0.096647 -0.477302 -0.040425 -0.563975 0.129676 -0.573499 -0.259157 1.622546 1.291381 0.754228
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130 1.008750 2.375949 3.480858 4.358222 5.414928 -0.093191 4.408045 -4.561106 -6.074946 5.614609	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605 0.433473 0.957908 0.097859 -0.630050 -1.425009 2.690451 -0.725340 0.938947 -0.868905 2.008648	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229 0.096647 -0.477302 -0.040425 -0.563975 0.129676 -0.573499 -0.259157 1.622546 1.291381 0.754228 0.544292
6 1 1	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130 1.008750 2.375949 3.480858 4.358222 5.414928 -0.093191 4.408045 -4.561106 -6.074946 -5.614609 5.080467	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605 0.433473 0.957908 0.097859 -0.630050 -1.425009 2.690451 -0.725340 0.938947 -0.868905 -2.008648 2.206667	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229 0.096647 -0.477302 -0.040425 -0.563975 0.129676 -0.573499 -0.259157 1.622546 1.291381 0.754228 -0.544292 1.090555
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6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130 1.008750 2.375949 3.480858 4.358222 5.414928 -0.093191 4.408045 -4.561106 -6.074946 -5.614609 -5.089467 -0.143613 -2.577543 -0.969052 0.758444 0.023254 0.950452 0.951300	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605 0.433473 0.957908 0.097859 -0.630050 -1.425009 2.690451 -0.725340 0.938947 -0.868905 -2.008648 -2.296667 1.106023 2.180594 3.260143 3.159051 2.820766 0.443875 -0.610271	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229 0.096647 -0.477302 -0.040425 -0.563975 0.129676 -0.573499 -0.259157 1.622546 1.291381 0.754228 -0.544292 1.090555 1.185523 0.705206 0.047523 0.224287 -1.335076 -1.569805 -0.171780
6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130 1.008750 2.375949 3.480858 4.358222 5.414928 -0.093191 4.408045 -4.561106 -6.074946 -5.614609 -5.089467 -0.143613 -2.577543 -0.969052 0.758444 0.023254 0.950452 0.951300 2.517896	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605 0.433473 0.957908 0.097859 -0.630050 -1.425009 2.690451 -0.725340 0.938947 -0.868905 -2.008648 -2.296667 1.106023 2.180594 3.260143 3.159051 2.820766 0.443875 -0.610271 1.972437	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229 0.096647 -0.477302 -0.040425 -0.563975 0.129676 -0.573499 -0.259157 1.622546 1.291381 0.754228 -0.544292 1.090555 1.185523 0.705206 0.047523 0.224287 -1.335076 -1.569805 -0.171780 -0.415718
6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130 1.008750 2.375949 3.480858 4.358222 5.414928 -0.093191 4.408045 -4.561106 -6.074946 -5.614609 -5.089467 -0.143613 -2.577543 -0.969052 0.758444 0.023254 0.950452 0.951300 2.517896 2.407734	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605 0.433473 0.957908 0.097859 -0.630050 -1.425009 2.690451 -0.725340 0.938947 -0.868905 -2.008648 -2.296667 1.106023 2.180594 3.260143 3.159051 2.820766 0.443875 -0.610271 1.972437 1.023014	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229 0.096647 -0.477302 -0.040425 -0.563975 0.129676 -0.573499 -0.259157 1.622546 1.291381 0.754228 -0.544292 1.090555 1.185523 0.705206 0.047523 0.224287 -1.335076 -1.569805 -0.171780 -0.415718 1.046434
6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130 1.008750 2.375949 3.480858 4.358222 5.414928 -0.093191 4.408045 -4.561106 -6.074946 -5.614609 -5.089467 -0.143613 -2.577543 -0.969052 0.758444 0.023254 0.950452 0.951300 2.517896 2.407734 3.569096	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605 0.433473 0.957908 0.097859 -0.630050 -1.425009 2.690451 -0.725340 0.938947 -0.868905 -2.008648 -2.296667 1.106023 2.180594 3.260143 3.159051 2.820766 0.443875 -0.610271 1.972437 1.023014 0.081620	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229 0.096647 -0.477302 -0.040425 -0.563975 0.129676 -0.573499 -0.259157 1.622546 1.291381 0.754228 -0.544292 1.090555 1.185523 0.705206 0.047523 0.224287 -1.335076 -1.569805 -0.171780 -0.415718 1.046434 1.645479
6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130 1.008750 2.375949 3.480858 4.358222 5.414928 -0.093191 4.408045 -4.561106 -6.074946 -5.614609 -5.089467 -0.143613 -2.577543 -0.969052 0.758444 0.023254 0.950452 0.950452 0.951300 2.517896 2.407734 3.568086 5.240016	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605 0.433473 0.957908 0.097859 -0.630050 -1.425009 2.690451 -0.725340 0.938947 -0.868905 -2.008648 -2.296667 1.106023 2.180594 3.260143 3.159051 2.820766 0.443875 -0.610271 1.972437 1.023014 0.081620	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229 0.096647 -0.477302 -0.040425 -0.563975 0.129676 -0.573499 -0.259157 1.622546 1.291381 0.754228 -0.544292 1.090555 1.185523 0.705206 0.047523 0.224287 -1.335076 -1.569805 -0.171780 -0.415718 1.046434 -1.645478
6 6	-2.649048 -3.794797 -4.020760 -2.989095 -1.583962 -1.519610 -5.286803 -0.174130 1.008750 2.375949 3.480858 4.358222 5.414928 -0.093191 4.408045 -4.561106 -6.074946 -5.614609 -5.089467 -0.143613 -2.577543 -0.969052 0.758444 0.023254 0.950452 0.950452 0.951300 2.517896 2.407734 3.568086 5.348016 5.277562	1.151290 0.466813 -0.790848 -1.412134 -0.915794 0.605978 -1.502183 1.212605 0.433473 0.957908 0.097859 -0.630050 -1.425009 2.690451 -0.725340 0.938947 -0.868905 -2.008648 -2.296667 1.106023 2.180594 3.260143 3.159051 2.820766 0.443875 -0.610271 1.972437 1.023014 0.081620 -1.326334 2.482022	0.376014 0.695342 0.145519 -0.708508 -0.419929 -0.393991 0.362229 0.096647 -0.477302 -0.040425 -0.563975 0.129676 -0.573499 -0.259157 1.622546 1.291381 0.754228 -0.544292 1.090555 1.185523 0.705206 0.047523 0.224287 -1.335076 -1.569805 -0.171780 -0.415718 1.046434 -1.645478 -1.653644

1	5.973731	-1.413728	-0.912511	1	6.409498	-1.102343	-0.264048
1	4.204392	-1.910723	1.010414	1	4.340443	-1.707193	1.937120
1	3.400408	-0.393980	1.464209	1	3.303724	-0.552082	1.992248
1	5.728154	-0.200408	1.911092	l 1	3.020182	-0.1/1559	2.123221
1	-4.080112	-0.038341	-1./50309	1	-3.061959	-2.49/356	-0.64/819
1	-4.3/0660	0./15/08	-0.21298/	l	-3.28501/	-1.1648/9	-1./38/0/
l	-1.650183	0.333672	-1.5489/3	l	-1.25/388	-1.303585	0.546609
l	-2.4/3614	1.853478	-1.277453	l	-0.904678	-1.313925	-1.166536
1	-2.240186	1.632264	1.144555	1	-1.669380	0.990787	-1.417857
i 22				i ₂₃			
6	1.792573	-0.866755	0.320046	6	2.046598	-0.065263	-1.295500
6	3.064716	-1.308634	0.584433	6	2.959224	-1.045730	-0.999772
6	4.152842	-0.667066	-0.000060	6	3.694003	-0.964961	0.179545
6	3.943281	0.523966	-0.849820	6	3.447174	0.137678	1.132044
6	2.664861	1.277268	-0.532352	6	2.046321	0.716258	1.043925
6	1.468683	0.340452	-0.454325	6	1.666232	1.034034	-0.394883
6	5.518387	-1.179815	0.170657	6	4.756926	-1.932660	0.479973
6	0.157105	1.018876	0.005764	6	0.200513	1.467260	-0.621082
6	-1.064051	0.192439	-0.389940	6	-0.774102	0.327458	-0.328585
6	-2.399398	0.896292	-0.156319	6	-2.209319	0.605827	-0.768218
6	-3.536527	0.134097	-0.756965	6	-3.073996	-0.606887	-0.638809
6	-4.585989	-0.406236	-0.134851	6	-4.127041	-0.784618	0.161285
6	-5.644363	-1.127797	-0.910889	6	-4.887731	-2.074592	0.146999
6	0.181488	1.350813	1.492183	6	-0.117142	2.731820	0.161581
6	-4.836669	-0.348561	1.339578	6	-4.665071	0.235936	1.114566
1	3.219524	-2.204165	1.167111	1	3.176523	-1.823109	-1.716569
1	5.552879	-2.194662	0.551182	1	5.061162	-2.519018	-0.379980
1	6.090681	-1.094177	-0.751599	1	5.616657	-1.446314	0.938147
1	6.019181	-0.525248	0.892768	1	4.362889	-2.616612	1.240008
1	0.113801	1.956088	-0.554443	1	0.121381	1.706661	-1.685953
1	0.965109	-1.471652	0.672010	1	1.598492	-0.069808	-2.283613
1	1.076431	1.896679	1.783809	1	0.628744	3.507346	-0.007097
1	-0.665923	1.974497	1.760710	1	-1.076475	3.138731	-0.144622
1	0.121456	0.448682	2.103572	1	-0.174470	2.540459	1.232171
1	-1.081020	-0.757164	0.151952	1	-0.778876	0.094415	0.737501
1	-0.991325	-0.062326	-1.450050	1	-0.432873	-0.583187	-0.834369
1	-2.559041	1.054658	0.907083	1	-2.616837	1.434254	-0.194514
1	-2.353905	1.889115	-0.613334	1	-2.200886	0.930245	-1.812840
1	-3.488238	0.023386	-1.835475	1	-2.799106	-1.432870	-1.287173
1	-5.429866	-1.143337	-1.976112	1	-4.469612	-2.787486	-0.558725
1	-6.616423	-0.655072	-0.767170	1	-5.930548	-1.903097	-0.121471
1	-5.744269	-2.157608	-0.566376	1	-4.892020	-2.533484	1.136203
1	-5.768009	0.180822	1.542620	1	-5.691845	0.491957	0.851991
1	-4.959244	-1.354545	1.741745	1	-4.696990	-0.171562	2.125328
1	-4.047244	0.142787	1.899267	1	-4.090028	1.155875	1.142353
1	4.823036	1.165406	-0.811675	1	3.698472	-0.183163	2.142287
1	3.920878	0.134239	-1.878419	1	4.199909	0.899675	0.880655
1	2.783628	1.794656	0.419457	1	1.338393	-0.003732	1.453572
1	2.489831	2.040132	-1.286592	1	1.983580	1.609415	1.658508
1	1.266434	-0.057224	-1.464890	1	2.288833	1.875052	-0.750206
			*				
i24				j.			
44				-23			

i ₂₄				i ₂₅			
6	2.661224	1.236992	-0.119164	6	-1.465800	-0.233082	-0.902661
6	3.916290	0.718211	-0.316035	6	-2.646977	-0.890923	-1.139282
6	4.181699	-0.598325	0.046488	6	-3.584104	-1.011907	-0.117984
6	3.090991	-1.449461	0.561793	6	-3.336023	-0.381246	1.195733

6	1.713454	-1.020946	0.089813
6	1.481232	0.468535	0.308855
6	5.538990	-1.152670	-0.033052
6	0.184871	1.044322	-0.326966
6	-0.987331	0.084432	-0.125956
6	-2.308478	0.581965	-0.711300
6	-3.345166	-0.495217	-0.711619
6	-4.477506	-0.545319	-0.007211
6	-5.410175	-1.709079	-0.142789
6	-0.124549	2.422525	0.240322
6	-4.942617	0.50/915	0.948904
1	4./18612	1.353449	-0.659/83
1	6.30/506	-0.395531	-0.143000
1	5.752479	-1./9/839	0.817703
1	3.309013	-1.803007	-0.914001
1	0.537527	2 200704	-1.404118
1	2.333371	2.300794	0.18780/
1	-0.937/80	2 800025	-0.306602
1	-0.426077	2.890025	1 285347
1	-1 123388	-0 111051	0.941158
1	-0 761049	-0 874879	-0 591072
1	-2.657530	1 453117	-0 163670
1	-2 136148	0 911868	-1 739962
1	-3 134217	-1 329974	-1 372246
1	-5.040078	-2.448742	-0.847749
1	-6.392013	-1.377863	-0.482350
1	-5.561765	-2.198658	0.819772
1	-5.893266	0.925969	0.616649
1	-5.123230	0.071677	1.931639
1	-4.242653	1.328345	1.070898
1	3.296729	-2.494447	0.332820
1	3.167106	-1.378752	1.656869
1	1.612692	-1.245499	-0.973604
1	0.960490	-1.604543	0.609433
1	1.400086	0.665188	1.392250
i.			
6	-1.437347	0.151318	1.302446
6	-1.882179	-1.148105	1.200712
6	-2.572762	-1.550711	0.067485
6	-2.764795	-0.611101	-1.059244
6	-1.719753	0.487873	-1.119566
6	-1.542876	1.155706	0.235466
6	-3.175247	-2.888923	-0.023608
6	-0.459409	2.257216	0.309560
6	0.933244	1.765440	-0.071960
6	1.479155	0.632048	0.787288
6	2.887692	0.271525	0.435249
6	3.339460	-0.863837	-0.098859
6	4.797220	-1.046229	-0.388107
6	-0.861328	3.459941	-0.531358
0	2.490878	-2.045341	-0.453273
1	-1./80542	-1.821620	2.038097
1	-3.212904	-3.408198	0.92/319
1	-4.10/039	-2.042121	-0.4/1339
1 1	-0.427230	2 570761	1 354560
1	-1.054847	0 482516	2 261300
	1.00-0-7/	0.102010	2.201300

6	-1.142001	0.490217	0.333623
6	-4.808659	-1.802100	-0.300584
6	-0.218340	1.706874	0.087817
6	1.200284	1.308928	-0.311397
6	1.974378	0.492129	0.720619
6	3.419033	0.367694	0.354788
6	4.106969	-0.738908	0.068996
6	5.562191	-0.664320	-0.276330
6	-0.815255	2.675735	-0.924662
6	3.546402	-2.126909	0.068599
1	-2.811779	-1.392141	-2.081126
1	-4 775241	-2 453820	-1 166639
1	-5 052142	-2.367556	0 597507
1	-5 632066	-1 092129	-0.436710
1	-0.155967	2 213727	1 053798
1	-0.600223	_0.281135	-1 667538
1	1 010510	-0.281133	-1.007558
1	-1.010319	2 569522	-0.038044
1	-0.199287	3.308332	-0.990939
1	-0.850/22	2.23/293	-1.923140
1	1.749352	2.231829	-0.501889
1	1.203410	0.780936	-1.26910/
I	1.895142	0.990/68	1.691141
l	1.533952	-0.496513	0.847227
1	3.956199	1.309471	0.321359
1	5.931279	0.357432	-0.263218
1	5.747967	-1.081880	-1.266406
1	6.155950	-1.249426	0.426569
1	3.704523	-2.598306	-0.901820
1	4.066991	-2.744734	0.800762
1	2.485002	-2.170488	0.294381
1	-4.284149	-0.136813	1.673292
1	-2.904862	-1.181884	1.814890
1	-2.920666	1.646526	0.661227
1	-2.132316	1.127751	2.133190
1	-0.543941	-0.240083	0.905294
i ₂₇			
6	2.711810	1.096688	-0.175137
6	3.688070	0.156607	-0.389865
6	3.476752	-1.160326	0.007371
6	2.169197	-1.554727	0.568532
6	1.028179	-0.660275	0.120444
6	1.359095	0.810439	0.333930
6	4.543402	-2.164997	-0.084313
6	0.305665	1.820793	-0.187736
6	-1.114265	1.435605	0.258551
6	-1.921912	0.616761	-0.747212
6	-3.317276	0.379850	-0.267272
6	-3.933928	-0.783855	-0.054847
6	-5.351918	-0.820980	0.425634
6	0.625718	3.235901	0.277741
6	-3.325416	-2.134028	-0.273973
1	4.651699	0.453519	-0.775502
1	5 528645	-1 735122	-0 227285
1	4 534213	-2.831250	0 776772
1	4 315451	_2.051250	-0.950575
1	0 337005	1 795008	-1 280736
1	2 968762	2 130507	-0.367580
1	<u>_</u> .,00703		0.207200

-2.399245 0.811330 1.128149

1	-1.850651	3.829627	-0.265866
1	-0.156813	4.273542	-0.377907
1	-0.857184	3.231036	-1.595736
1	1.610010	2.617400	0.004495
1	0.958203	1.472526	-1.122806
1	1.448104	0.937012	1.837825
1	0.840950	-0.252227	0.699074
1	3.613612	1.049224	0.644884
1	5.378457	-0.170287	-0.114457
1	4.960346	-1.246600	-1.447389
1	5.194746	-1.902176	0.158021
1	2.604794	-2.288155	-1.510126
1	2.814706	-2.925136	0.103423
1	1.432746	-1.896240	-0.255203
1	-2.831303	-1.165844	-1.994492
1	-3.768264	-0.186640	-0.909572
1	-0.767974	0.059909	-1.434692
1	-2.003595	1.219294	-1.870373
1	-2.485245	1.670213	0.503406

i ₂₈			
6	-1.822036	-0.334972	-0.973151
6	-3.123348	-0.761458	-1.070185
6	-3.939726	-0.743258	0.056094
6	-3.426079	-0.212908	1.336747
6	-2.300375	0.791124	1.169006
6	-1.226893	0.275439	0.222161
6	-5.302164	-1.290618	0.015841
6	-0.131273	1.313197	-0.119625
6	1.152988	0.668365	-0.634788
6	1.918179	-0.170535	0.385350
6	3.144553	-0.787069	-0.207587
6	4.418189	-0.565305	0.122337
6	5.525088	-1.277038	-0.592254
6	-0.640807	2.372654	-1.088730
6	4.879571	0.368967	1.196261
1	-3.487427	-1.193530	-1.990059
1	-5.493260	-1.905894	-0.856403
1	-5.536168	-1.834978	0.929385
1	-5.991048	-0.438921	-0.006741
1	0.102871	1.801478	0.829299
1	-1.174308	-0.495409	-1.827239
1	-1.559117	2.847932	-0.749607
1	0.100105	3.158863	-1.209281
1	-0.823349	1.955111	-2.080224
1	1.811320	1.465369	-0.980162
1	0.949100	0.067164	-1.526480
1	2.165848	0.451612	1.243677
1	1.283053	-0.976182	0.769018
1	2.955376	-1.495092	-1.008036
1	5.150087	-1.949821	-1.358855
1	6.124874	-1.858867	0.108202
1	6.201056	-0.563853	-1.064814
1	5.440057	-0.177336	1.955256
1	5.562278	1.111060	0.781863
1	4.073340	0.898006	1.694065
1	-4.249218	0.183044	1.930304
1	-3.078328	-1.098955	1.888281
1	-2.709176	1.723708	0.780178

1	1.612953	3.590708	-0.013266
1	-0.088657	3.933996	-0.150843
1	0.548374	3.314342	1.362134
1	-1.665976	2.356061	0.449501
1	-1.083552	0.920513	1.221501
1	-1.957453	1.175924	-1.686600
1	-1.425792	-0.323006	-0.977774
1	-3.885654	1.283594	-0.074005
1	-5.757149	0.176127	0.574038
1	-5.428817	-1.364729	1.367795
1	-5.988250	-1.343098	-0.289629
1	-3.365237	-2.721275	0.644110
1	-3.895638	-2.688302	-1.019902
1	-2.293025	-2.097939	-0.609301
1	1.977811	-2.606266	0.357453
1	2.299453	-1.503111	1.659875
1	0.834787	-0.831855	-0.939382
1	0.124571	-0.929350	0.658211
1	1.441448	1.000369	1.419899

1	-1.86	52262 1.01	8225 2.137466	
1	-0.71	.0920 -0.57	2245 0.706036	
120				
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6 6	-1.383701 -2.552923 -3.600695 -3.475545 -2.499349 -1.170902 -4.825009 -0.229882 1.253816 1.844026 3.333889 4.081552 5.573478 -0.539055 3.554227 -2.629518 -4.722091 -5.182541 -5.603919 -0.466914 -0.544464 -1.593514 0.022868	-0.276901 -0.911738 -0.965904 -0.294613 0.867335 0.493368 -1.722896 1.711263 1.365557 0.352543 0.284233 -0.734961 -0.617307 2.496065 -2.060430 -1.445228 -2.403459 -2.250191 -0.991985 2.361681 -0.377278 2.759139 3.426735	-0.735341 -1.072919 -0.159156 1.151121 1.143280 0.500983 -0.449985 0.315836 0.460334 -0.521027 -0.404423 0.021525 0.072767 -0.953624 0.475133 -2.008342 -1.287854 0.433074 -0.694318 1.160336 -1.411815 -1.027107 -0.961592 -0.961592	
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6 6	$\begin{array}{r} -1.383701\\ -2.552923\\ -3.600695\\ -3.475545\\ -2.499349\\ -1.170902\\ -4.825009\\ -0.229882\\ 1.253816\\ 1.844026\\ 3.333889\\ 4.081552\\ 5.573478\\ -0.539055\\ 3.554227\\ -2.629518\\ -4.722091\\ -5.182541\\ -5.603919\\ -0.466914\\ -0.544464\\ -1.593514\\ 0.022868\\ -0.266197\\ 1.437730\\ 1.812984\\ 1.414149\\ 1.594403\\ 2.64002\end{array}$	-0.276901 -0.911738 -0.965904 -0.294613 0.867335 0.493368 -1.722896 1.711263 1.365557 0.352543 0.284233 -0.734961 -0.617307 2.496065 -2.060430 -1.445228 -2.403459 -2.250191 -0.991985 2.361681 -0.377278 2.759139 3.426735 1.954970 1.005578 2.298018 -0.635177 0.6397222 1.107572	-0.735341 -1.072919 -0.159156 1.151121 1.143280 0.500983 -0.449985 0.315836 0.460334 -0.521027 -0.404423 0.021525 0.072767 -0.953624 0.475133 -2.008342 -1.287854 0.433074 -0.694318 1.160336 -1.411815 -1.027107 -0.961592 -1.858813 1.474292 0.373529 -0.352666 -1.546694 0.70001	
6 6	$\begin{array}{r} -1.383701\\ -2.552923\\ -3.600695\\ -3.475545\\ -2.499349\\ -1.170902\\ -4.825009\\ -0.229882\\ 1.253816\\ 1.844026\\ 3.333889\\ 4.081552\\ 5.573478\\ -0.539055\\ 3.554227\\ -2.629518\\ -4.722091\\ -5.182541\\ -5.603919\\ -0.466914\\ -0.544464\\ -1.593514\\ 0.022868\\ -0.266197\\ 1.437730\\ 1.812984\\ 1.414149\\ 1.594403\\ 3.848900\end{array}$	-0.276901 -0.911738 -0.965904 -0.294613 0.867335 0.493368 -1.722896 1.711263 1.365557 0.352543 0.284233 -0.734961 -0.617307 2.496065 -2.060430 -1.445228 -2.403459 -2.250191 -0.991985 2.361681 -0.377278 2.759139 3.426735 1.954970 1.005578 2.298018 -0.635177 0.639722 1.191744	-0.735341 -1.072919 -0.159156 1.151121 1.143280 0.500983 -0.449985 0.315836 0.460334 -0.521027 -0.404423 0.021525 0.072767 -0.953624 0.475133 -2.008342 -1.287854 0.433074 -0.694318 1.160336 -1.411815 -1.027107 -0.961592 -1.858813 1.474292 0.373529 -0.352666 -1.546694 -0.700014	
6 6	-1.383701 -2.552923 -3.600695 -3.475545 -2.499349 -1.170902 -4.825009 -0.229882 1.253816 1.844026 3.333889 4.081552 5.573478 -0.539055 3.554227 -2.629518 -4.722091 -5.182541 -5.603919 -0.466914 -0.544464 -1.593514 0.022868 -0.266197 1.437730 1.812984 1.414149 1.594403 3.848900 5.917178	$\begin{array}{r} -0.276901 \\ -0.911738 \\ -0.965904 \\ -0.294613 \\ 0.867335 \\ 0.493368 \\ -1.722896 \\ 1.711263 \\ 1.365557 \\ 0.352543 \\ 0.284233 \\ -0.734961 \\ -0.617307 \\ 2.496065 \\ -2.060430 \\ -1.445228 \\ -2.403459 \\ -2.250191 \\ -0.991985 \\ 2.361681 \\ -0.377278 \\ 2.759139 \\ 3.426735 \\ 1.954970 \\ 1.005578 \\ 2.298018 \\ -0.635177 \\ 0.639722 \\ 1.191744 \\ 0.354144 \end{array}$	-0.735341 -1.072919 -0.159156 1.151121 1.143280 0.500983 -0.449985 0.315836 0.460334 -0.521027 -0.404423 0.021525 0.072767 -0.953624 0.475133 -2.008342 -1.287854 0.433074 -0.694318 1.160336 -1.411815 -1.027107 -0.961592 -1.858813 1.474292 0.373529 -0.352666 -1.546694 -0.700014 -0.271486	

6	4.810267	0.599397	-0.855518				
1	-4.672528	1.329563	-0.301665				
1	-6.057020	-0.623968	-0.602211				
1	-5.256730	-2.187975	-0.933518				
1	-5.530859	-1.683702	0.710351				
1	-0.655451	1.520681	1.704127				
1	-2.469459	2.309324	-0.407153				
1	-0.728986	3.354083	0.090754				
1	0.931601	3.114485	0.550812				
1	0.370536	2.513965	-0.998381				
1	0.808065	-0.384196	1.570487				
1	1.708858	1.092790	1.569406				
1	1.122982	-0.516267	-0.955492				
1	2.119811	0.911276	-0.860655				
1	2.692481	-1.760735	0.551338				
1	4.836551	-2.480099	0.723919				
1	5.996191	-1.166947	0.930769				
1	5.854006	-1.962129	-0.620441				
1	5.534254	1.091296	-0.205727				
1	5.349518	0.312544	-1.758614				
1	4.060155	1.332394	-1.134608				
1	-3.007929	-2.500196	0.335465				
1	-2.548622	-1.809490	-1.189544				
1	-1.725120	-0.801922	1.577467				
1	-0.685459	-1.526063	0.372882				
1	-0.905074	0.408632	-1.097797				
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6	-1 944843	0 451060	1 318891				
6	-1.944843	0.451060	1.318891				
6 6 6	-1.944843 -2.569256 -3.013055	0.451060 -0.770751 -1 308299	1.318891 1.314867 0.110156				
6 6 6	-1.944843 -2.569256 -3.013055 -2.737887	0.451060 -0.770751 -1.308299 -0.603955	1.318891 1.314867 0.110156 -1 159769				
6 6 6 6	-1.944843 -2.569256 -3.013055 -2.737887 -1.517152	0.451060 -0.770751 -1.308299 -0.603955 0.296335	1.318891 1.314867 0.110156 -1.159769 -1.096454				
6 6 6 6 6	-1.944843 -2.569256 -3.013055 -2.737887 -1.517152 -1.583732	0.451060 -0.770751 -1.308299 -0.603955 0.296335 1.215428	1.318891 1.314867 0.110156 -1.159769 -1.096454 0.113458				
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6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	-1.944843 -2.569256 -3.013055 -2.737887 -1.517152 -1.583732 -3.796412 -0.375573 0.907920 1.843592 3.049943 3.514657 4.759201 -0.175894	0.451060 -0.770751 -1.308299 -0.603955 0.296335 1.215428 -2.550002 2.142055 1.395036 0.925418 0.248564 -0.974365 -1.476314 3.125308	1.318891 1.314867 0.110156 -1.159769 -1.096454 0.113458 0.074129 0.372990 0.772008 -0.342219 0.226092 -0.034305 0.630991 -0.768363				
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$\begin{array}{c} 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 $	$\begin{array}{r} -1.944843\\ -2.569256\\ -3.013055\\ -2.737887\\ -1.517152\\ -1.583732\\ -3.796412\\ -0.375573\\ 0.907920\\ 1.843592\\ 3.049943\\ 3.514657\\ 4.759201\\ -0.175894\\ 2.897421\\ -2.802757\\ -4.192213\\ -4.592472\\ -3.124486\\ -0.669593\\ -1.742363\\ -1.076752\\ 0.622749\\ 0.098174\\ 0.656656\\ 1.482741\end{array}$	0.451060 - 0.770751 - 1.308299 - 0.603955 0.296335 1.215428 - 2.550002 2.142055 1.395036 0.925418 0.248564 - 0.974365 - 1.476314 3.125308 - 1.945652 - 1.267205 - 2.837762 - 2.493508 - 3.343377 2.730365 0.914158 3.710329 3.822785 2.634148 0.536437 2.062151	1.318891 1.314867 0.110156 -1.159769 -1.096454 0.074129 0.372990 0.772008 -0.342219 0.226092 -0.034305 0.630991 -0.768363 -0.991929 2.244554 1.041818 -0.666478 -0.271935 1.246512 2.278868 -0.947587 -0.526115 -1.699398 1.403425 1.415653				
$\begin{array}{c} 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 $	-1.944843 -2.569256 -3.013055 -2.737887 -1.517152 -1.583732 -3.796412 -0.375573 0.907920 1.843592 3.049943 3.514657 4.759201 -0.175894 2.897421 -2.802757 -4.192213 -4.592472 -3.124486 -0.669593 -1.742363 -1.076752 0.622749 0.098174 0.656656 1.482741 1.332983	0.451060 - 0.770751 - 1.308299 - 0.603955 0.296335 1.215428 - 2.550002 2.142055 1.395036 0.925418 0.248564 - 0.974365 - 1.476314 3.125308 - 1.945652 - 1.267205 - 2.837762 - 2.493508 - 3.343377 2.730365 0.914158 3.710329 3.822785 2.634148 0.536437 2.062151 0.273944	1.318891 1.314867 0.110156 -1.159769 -1.096454 0.074129 0.372990 0.772008 -0.342219 0.226092 -0.034305 0.630991 -0.768363 -0.991929 2.244554 1.041818 -0.666478 -0.271935 1.246512 2.278868 -0.947587 -0.526115 -1.699398 1.403425 1.415653 -1.047073				
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$\begin{array}{c} 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 $	-1.944843 -2.569256 -3.013055 -2.737887 -1.517152 -1.583732 -3.796412 -0.375573 0.907920 1.843592 3.049943 3.514657 4.759201 -0.175894 2.897421 -2.802757 -4.192213 -4.592472 -3.124486 -0.669593 -1.742363 -1.076752 0.622749 0.098174 0.656656 1.482741 1.332983 2.168351 3.611221 5.176061	0.451060 - 0.770751 - 1.308299 - 0.603955 0.296335 1.215428 - 2.550002 2.142055 1.395036 0.925418 0.248564 - 0.974365 - 1.476314 3.125308 - 1.945652 - 1.267205 - 2.837762 - 2.493508 - 3.343377 2.730365 0.914158 3.710329 3.822785 2.634148 0.536437 2.062151 0.273944 1.794961 0.850509 - 0.745376	1.318891 1.314867 0.110156 -1.159769 -1.096454 0.074129 0.372990 0.772008 -0.342219 0.226092 -0.034305 0.630991 -0.768363 -0.991929 2.244554 1.041818 -0.666478 -0.271935 1.246512 2.278868 -0.947587 -0.526115 -1.699398 1.403425 1.415653 -1.047073 -0.917294 0.933246 1.318351				
1	5.938867	-0.768572	1.088910	1	4.560678	3 -2.393353	1.186893
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1	3.943015	-2.859321	-0.156905	1	3.60237	-2.190370	-1.786820
1	3.894544	-2.274044	1.488529	1	2.665776	5 -2.883427	-0.485514
1	2 470268	-2.126739	0 467251	1	1 98957	5 -1 578604	-1 461545
1	-4 460712	-0.006269	1 515758	1	-2 68174	5 -1 323089	-1 976134
1	-3 136122	-1 081882	1 840141	1	-3 64572	-0.015334	-1 360411
1	-2 938188	1 701090	0 593672	1	-0 62493	-0.323812	-1 028780
1	-2.930100	1 212884	2 160003	1	1 /20/0	-0.323012	2 012021
1	-2.333498	0.217224	2.100003	1	-1.43949.	0.873721	-2.012921
1	-0.043227	-0.21/234	1.100992	1	-2.43012	1 1.691442	-0.014830
i ₃₆				i ₃₈			
6	-2.553149	1.100911	-0.409812	6	2.217421	-0.006404	-1.305945
6	-3.686294	0.339540	-0.264968	6	3.234082	2 -0.856022	-0.949234
6	-3.572925	-1.021541	-0.003457	6	3.831979	-0.721404	0.300032
6	-2.237775	-1.625805	0.177881	6	3.332637	0.288617	1.256217
6	-1.187881	-0.645905	0.668082	6	1.875029	0.657297	1.046707
6	-1.183710	0.645263	-0.138303	6	1.589180	5 0.979399	-0.412796
6	-4.756244	-1.890123	0.041903	6	4,996569	-1.533517	0.676207
6	-0.307800	1.768322	0.480722	6	0.10223	7 1.197186	-0.774422
6	1 102615	1 258538	0 789496	6	-0 69457	-0.103198	-0 664105
6	1 921261	0 789114	-0.409924	6	-2 14830	-0.013835	-1 156339
6	3 304744	0.393787	-0.407724	6	-3 14550	5 0 260698	-0.074910
6	3 807306	-0.794806	-0.125011	6	-1 1/313	-0.528741	0 330677
6	5 202406	-0./94800	-0.123011	0	-4.14313	-0.328741	1 426500
6	0.072043	-0.999788	0.346073	0	-3.00418	5 -0.06/993	1.420300
0	-0.272943	3.020201	-0.388034	0	-0.48490.	2.343093	0.029338
0	5.272155	-2.011012	-0./33290	0	-4.40527	-1.8/0084	-0.234124
1	-4.65/23/	0.//0304	-0.45/5/4	l	3.634860	-1.558268	-1.6644/3
1	-5.644/14	-1.429604	-0.3/5/31	l	5.465483	-2.030318	-0.165912
1	-4.560260	-2.849851	-0.433684	l	5.725864	-0.945286	1.230908
1	-4.949328	-2.115554	1.096618	l	4.641489	9 -2.300310	1.373701
1	-0.763832	2.029902	1.439203	l	0.093986	5 1.494962	-1.827469
1	-2.675955	2.109937	-0.782740	1	1.876939	-0.025337	-2.335880
1	-1.212988	3.568264	-0.384174	1	0.148036	5 3.231024	-0.020313
1	0.480719	3.707740	-0.011783	1	-1.457612	2 2.625624	-0.364980
1	-0.018263	2.795853	-1.422939	1	-0.62354	3 2.081425	1.076235
1	1.063687	0.460689	1.530945	1	-0.69838	0 -0.461650	0.365969
1	1.633257	2.075363	1.280526	1	-0.17724	8 -0.870862	-1.249940
1	1.423789	-0.039638	-0.914940	1	-2.216242	0.761876	-1.924422
1	1.988178	1.596682	-1.142379	1	-2.39920	5 -0.943149	-1.660243
1	3.882513	1.191373	0.453291	1	-3.04590	8 1.215061	0.428481
1	5.722269	-0.095915	0.781698	1	-4.80244	0.894944	1.809321
1	5.946749	-1.311340	-0.475410	1	-5.04629	8 -0.795212	2.256403
1	5.349237	-1.790638	1.097528	1	-6.09451	7 -0.050298	1.071621
1	3.851001	-2.341675	-1.596239	1	-4.47314	5 -2.625026	0.558741
1	3.280356	-2.837795	-0.021508	1	-5.46638) -1.873742	-0.666005
1	2 248714	-1 858800	-1 063393	1	-3 77384	2 -2 209968	-1 001144
1	-2.311366	-2 502161	0.820719	1	3 53387	-0.036359	2 276277
1	-1 970798	-2 022646	-0.812363	1	3 981538	1 163905	1 104014
1	-1 382706	-0.404711	1 714602	1	1 248679	3 -0 175784	1 364173
1	-0.212018	-1 119967	0.632178	1	1.240070	7 1 503985	1 677309
1	-0.768677	0.457608	-1.144483	1	2.104305	1.905985	-0.675188
İ39			0.40.00	i ₄₀			0.000
6	-2.338177	1.292904	-0.136856	6	2.023599	-1.099580	0.033695
6	-3.684302	1.037626	-0.054929	6	3.34348	-1.071969	0.409359
6	-4.147758	-0.265092	-0.204166	6	4.107827	0.061895	0.151603
6	-3.182333	-1.370856	-0.363040	6	3.483369	0 1.255788	-0.456320
6	-1.821732	-1.078163	0.243538	6	1.991073	3 1.354206	-0.197986

6	-1.282178	0.270985	-0.213442	
6	-5.584719	-0.563821	-0.248901	
6	0.010676	0.761742	0.500666	
6	0.980428	-0.400601	0.712712	
6	2.303083	-0.028620	1.401207	
6	3.391238	0.482342	0.500467	
6	4 212365	-0.264920	-0.240753	
6	5 282754	0.360846	-1 079073	
6	0.643567	1 00/036	0.270053	
6	4 162510	1.704030	-0.279055	
0	4.102319	-1./39380	-0.302134	
1	-4.38/331	1.852088	0.027613	
1	-6.2021/5	0.314039	-0.403831	
1	-5.805721	-1.326128	-0.994469	
1	-5.852511	-1.007103	0.716608	
1	-0.280598	1.127396	1.490553	
1	-2.030571	2.331041	-0.161764	
1	-0.058638	2.700656	-0.521672	
1	1.441228	2.363733	0.294917	
1	1.076342	1.544133	-1.211424	
1	1.201199	-0.868996	-0.249450	
1	0 491230	-1 154970	1 328345	
1	2 105724	0 704214	2 185416	
1	2.103724	-0.016/36	1 022332	
1	2.030311	1 554411	0.471265	
1	5 278420	1.334411	1 001909	
1	5.2/8420	1.444600	-1.001808	
1	5.164011	0.091508	-2.129289	
1	6.26/1/8	0.003397	-0.//54/9	
1	3.9/51/0	-2.093806	-1.323550	
1	5.124792	-2.182586	-0.012477	
1	3.400368	-2.193438	0.338329	
1	-3.612182	-2.296034	0.019063	
1	-3.098931	-1.523496	-1.449137	
1	-1.906037	-1.080093	1.331712	
1	-1.133981	-1.874040	-0.022812	
1	-1.028784	0.212034	-1.286426	
i ₄₁				
6	-1.957062	-0.993291	0.747218	
6	-3.224618	-1.278122	0.306467	
6	-4.058494	-0.240148	-0.099329	
6	-3.558922	1.150535	-0.110556	
6	-2.051646	1.255575	-0.258232	
6	-1.331305	0.337802	0.718244	
6	-5.455932	-0.491090	-0.474606	
6	0.200194	0.242267	0.534044	
6	0.560168	-0.396227	-0.812004	
6	1.938401	-1.056813	-0.874315	
6	3.094906	-0.108725	-0.884828	
6	4 202457	-0 147181	-0 141170	
6	5 288642	0 865090	-0 338745	
6	0 848066	1 600438	0 752827	
6	4 403603	-1 163707	0.918036	
1	-3 6075002	-1.105/0/	0.910050	
1 1	5.007500	1 160000	0.337403	
1	-3.014420	-1.400092	-0.1/2433	
1	-0.1124/1	0.292394	-0.099309	
1	-5.511939	-0.426/60	-1.300988	
1	0.555047	-0.426666	1.525912	
1	-1.381134	-1./98552	1.191137	
1	0.553664	2.033374	1.708329	

6	5.550214	0.084413	0.428045
6	-0.219900	0.012038	-0.171117
6	-0.903113	-1.226458	-0.762868
6	-2.365813	-1.018867	-1.164347
6	-3 307547	-0 805347	-0 023441
6	-4 174096	0 193358	0.160059
6	5 083106	0.175550	1 350580
0	-3.063190	0.204640	1.330389
6	-0.451287	0.136594	1.329191
6	-4.353041	1.358965	-0.761734
1	3.813606	-1.955883	0.813231
1	5.971946	-0.900512	0.595249
1	6.094592	0.607998	-0.356227
1	5.694239	0.678805	1.337128
1	-0.645354	0.891691	-0.659280
1	1.495421	-2.043186	0.108920
1	-0.054980	1 062409	1 740541
1	-1 516307	0.120665	1 530375
1	-1.510507	0.120003	1.559575
1	0.001890	-0.090249	1.8/1109
1	-0.846622	-2.05/082	-0.054221
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1	-2.422367	-0.202456	-1.882317
1	-2.679403	-1.914565	-1.705593
1	-3.303047	-1.597531	0.719371
1	-4.927247	-0.659270	1.991046
1	-6.127575	0.209413	1.037336
1	-4.933694	1.106283	1.946244
1	-5 364101	1 363132	-1 169962
1	-4 237634	2 296000	-0.215925
1	-3 660743	1 367004	-1 507541
1	-5.000745	2 151990	-1.397341
1	4.010343	2.131009	-0.144163
1	5.088550	1.103400	-1.333283
1	1.829669	1.605633	0.849558
1	1.565360	2.162155	-0.787650
1	1.345359	-0.125173	-1.610205
i ₄₂			
6	-2.147070	1.269878	-0.031507
6	-3.490975	1.291883	0.247082
6	-4.253929	0.146279	0.048990
6	-3.597100	-1.103964	-0.382103
6	-2.133814	-1 187369	0.012805
6	-1 369585	0.070766	-0.379505
6	-5 712475	0.161308	0.217058
6	-5.712475	0.101508	0.217956
0	0.084380	0.1/0/84	0.108900
6	0.801800	-1.16893/	0.054/06
6	2.219837	-1.201324	0.635450
6	3.296960	-0.732311	-0.292164
6	4.353455	0.033024	-0.011664
6	5.372419	0.345522	-1.063654
6	0.841654	1.289964	-0.538542
6	4.645488	0.630668	1.329195
1	-3.972394	2.217446	0.524556
1	-6 130760	1 160940	0 258836
1	-6 20/612	-0 430746	-0 552145
1 1	-0.204012	-0.730/40	1 165/70
1	-3.732/3/	-0.342013	1.1034/8
1	0.01389/	0.410/34	1.23400/
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	11 35/1199	7.760978	-0.462875

1.286073 0.045811 -0.520403

6

1	1 020073	1 503633	0 746600	1		1 835130	1 /01500	-0 117425
1	0.594907	2 202606	0.740000	1		0.069607	1.401390	1 506222
1	0.584892	2.303606	-0.035941	1		0.968607	1.000018	-1.596325
1	0.483808	0.348140	-1.607499	1		0.830687	-1.476339	-0.994756
1	-0.179338	-1.167610	-1.054033	1		0.220327	-1.923122	0.582229
1	2.026883	-1.778844	-0.063579	1		2.238245	-0.655604	1.578533
1	1 968663	-1 640957	-1 797703	1		2 430358	-2 241448	0.895236
1	2.027606	0.676205	1 621017	1		2.430330	1 110206	1 202576
1	5.02/606	0.0/0295	-1.03181/	1		5.220997	-1.119390	-1.303576
I	5.041009	1.582186	-1.116916	I		5.126160	-0.111876	-2.018277
1	6.224246	0.377187	-0.613575	1		6.358658	-0.009198	-0.762794
1	5.483242	1.412757	0.584226	1		5.461206	1.422510	-1.212020
1	5 379987	-1 740211	0.651751	1		5 578409	0 227726	1 724717
1	1 718873	0.672075	1 86/086	1		1 788037	1 708571	1 2/2782
1	4./100/5	-0.072073	1.004900	1		4.700057	1./063/1	1.245765
I	3.683340	-1.865955	1.086413	I		3.8/136/	0.447661	2.06/851
1	-4.089586	1.727521	-0.867026	1		-4.166653	-1.962960	-0.029380
1	-3.886290	1.574259	0.850502	1		-3.706068	-1.120760	-1.476426
1	-1 772846	0 984692	-1 276722	1		-2 060895	-1 327008	1 092910
1	1 744127	2 286021	0.107599	1		1 601150	2.062800	0.450726
1	-1./4413/	2.280021	-0.107388	1		-1.091130	-2.002890	-0.430720
I	-1.491404	0./12142	1./45645	1		-1.2//388	0.111025	-1.4/8983
i ₄₃	1 000/12	0.060104	0 (12121	i ₄₄	l I	0 540067	0 422777	0 717122
6	-1.900613	0.968184	-0.613121	6		0.54096/	-0.422///	-0./1/122
6	-3.247962	0.730235	-0.729132	6		1.284696	-1.544180	-0.420066
6	-3.771800	-0.482991	-0.294697	6		2.619327	-1.412677	-0.069820
6	-2.892431	-1.485031	0.343955	6		3.225333	-0.068947	0.059804
6	-1 666316	-0.880882	1 002927	6		2 217735	1 025362	0 359531
6	0.049912	0.000002	0.071040	6		1.024709	0.055552	0.507501
0	-0.948812	0.084432	0.0/1049	0		1.034708	0.933333	-0.394308
6	-5.186595	-0.818153	-0.503686	6		3.4/60/4	-2.591101	0.131287
6	0.216137	0.856284	0.733655	6		-0.086356	1.994725	-0.371870
6	1.179509	1.468989	-0.279128	6		-0.748355	1.896188	0.999642
6	1 874537	0 488367	-1 226258	6		-1 450360	0 579069	1 304828
6	2 576084	-0.637784	-0.530405	6		2 565544	0.271/30	0.350230
6	2.570904	-0.037784	-0.330403	0		2.005014	0.271430	0.330239
0	3.802/84	-0.080201	-0.1/4029	0		-3.025515	-0.920887	-0.019454
6	4.428366	-1.891392	0.510076	6		-4.196623	-1.052610	-0.943693
6	-0.282671	1.911898	1.711544	6		0.431428	3.403346	-0.622814
6	4.849724	0.411678	-0.416661	6		-2.478276	-2.230705	0.474705
1	-3 884118	1 437744	-1 239163	1		0.855719	-2 526141	-0 549589
1	-5.00+110	0.167502	1 215224	1		2.020072	-2.520141	0.027002
1	-5.082//1	-0.16/592	-1.215554	1		3.029973	-3.511/9/	-0.22/992
l	-5.306934	-1.862247	-0.788495	1		4.456765	-2.443075	-0.318920
1	-5.688622	-0.715190	0.464671	1		3.655050	-2.689088	1.206865
1	0.772992	0.103451	1.294643	1		-0.846666	1.779469	-1.126976
1	-1 502051	1 854190	-1 093978	1		-0 455607	-0 558311	-1 126179
1	0.049710	1 505045	2 460527	1		0.016528	2 401202	1 502969
1	-0.946/19	2.2(1(75	2.409527	1		0.910338	3.491203	-1.393808
1	0.55/192	2.3616/5	2.235162	l		-0.392388	4.112495	-0.605103
1	-0.808076	2.720755	1.200718	1		1.140392	3.719116	0.140991
1	1.947399	1.989610	0.293318	1		-1.484128	2.699706	1.058550
1	0 677100	2 246822	-0 862206	1		-0 019893	2 115056	1 781719
1	1 156927	0.073470	_1 939179	1		-0 725336	-0 241024	1 344131
1	2 572529	1.057090	1.937175	1		1.946104	0.241024	2 221645
1	2.372338	1.03/080	-1.83/330	1		-1.840104	0.040312	2.521045
I	1.972931	-1.509567	-0.299337	I		-3.086006	1.141022	-0.03/943
1	3.678935	-2.663378	0.665020	1		-4.560833	-0.083516	-1.273180
1	4.851938	-1.625157	1.478848	1		-5.018638	-1.573066	-0.451706
1	5 240516	-2 319927	-0.077609	1		3 940682	-1 640795	-1 825792
1	5 778755	0.748501	0 527619	1		2 221702	-2 7/6720	1.020792
1	5.218233	0.746391	0.32/018	1		-3.231/92	-2.740220	1.0/093/
1	5.680924	0.046301	-1.019967	1		-2.245287	-2.896813	-0.35//08
1	4.424955	1.276000	-0.917071	1		-1.595666	-2.124089	1.099639
1	-3.471115	-2.100387	1.031838	1		4.031746	-0.097175	0.791689
1	-2.603159	-2.165156	-0.470860	1		3.722413	0.114827	-0.903924
1	_1 072155	-0 353555	1 906230	1		1 861/08	0.913/30	1 383808
1 1	-1.7/2133	1 670204	1.212279	1		2 702005	1 004027	0.205005
1	-0.980836	-1.0/0384	1.3133/8	1		2.102893	1.77485/	0.293083

1	-0.503087	-0.494111	-0.756978		1	1.399487	1.154703	-1.620307
i ₄₅				i	i ₄₆			
6	-2.143529	1.062903	0.824793		6	-1.383919	0.647939	-0.956681
6	-3.292416	0.380748	1.138278		6	-2.598080	0.021589	-1.111067
6	-3.788953	-0.574177	0.256494		6	-3.024972	-0.893642	-0.156531
6	-3.025353	-0.914029	-0.960668		6	-2.203524	-1.145125	1.047827
6	-1.538849	-0.635817	-0.835001		6	-1.315606	0.026639	1.424896
6	-1.278691	0.777803	-0.333214		6	-0.526601	0.524998	0.223812
6	-5.081851	-1.229458	0.490701		6	-4.261984	-1.665237	-0.340153
6	0.201316	1.143196	-0.049380		6	0.337943	1.773607	0.492746
6	1.139196	0.681830	-1.175432		6	1.300994	2.093263	-0.651158
6	1.756707	-0.713445	-1.034479		6	2.113510	0.916899	-1.194369
6	2.535821	-0.903912	0.233216		6	2.790883	0.132451	-0.116471
6	3.839881	-0.680994	0.413362		6	2.883413	-1.195688	0.006838
6	4.489445	-0.931322	1.738469		6	3.648211	-1.808440	1.139172
6	0.352686	2.646336	0.149395		6	-0.493249	2.999365	0.845220
6	4.767198	-0.185898	-0.651479		6	2.310021	-2.186909	-0.958544
1	-3.860545	0.649180	2.016139		1	-3.175799	0.168219	-2.011165
1	-5.693380	-0.723404	1.229535		1	-4.656502	-1.612081	-1.348752
1	-5.631866	-1.362352	-0.439513		1	-4.125318	-2.702516	-0.037267
1	-4.868121	-2.240188	0.856117		1	-5.009055	-1.252786	0.346253
1	0.501968	0.638795	0.871641		1	0.941958	1.502313	1.360431
1	-1.867479	1.890434	1.466336		1	-1.016130	1.244173	-1.783926
1	-0.299675	3.063702	0.914901		1	-1.098699	2.857211	1.737173
1	1.370907	2.875885	0.451862		1	0.158708	3.848535	1.036817
1	0.156961	3.181165	-0.780175		1	-1.157050	3.284114	0.027183
1	1.966354	1.389689	-1.214045		1	1.988374	2.853241	-0.278349
1	0.631137	0.774944	-2.139339		1	0.767809	2.576122	-1.474006
1	0.992400	-1.487622	-1.093762		1	1.491428	0.269974	-1.813681
1	2.396661	-0.875621	-1.900231		1	2.864134	1.323272	-1.875389
1	1.979541	-1.272906	1.088107		1	3.295317	0.732916	0.633893
1	3.779514	-1.287912	2.480271		1	4.052169	-1.056905	1.811753
1	4.957451	-0.023382	2.119992		1	4.478567	-2.405923	0.761782
1	5.282395	-1.673622	1.643260		1	3.018334	-2.484928	1.718319
1	5.238763	0.746196	-0.338875		1	3.114676	-2.727478	-1.457914
1	5.574343	-0.900843	-0.812710		1	1.718871	-2.939729	-0.435096
1	4.279099	-0.009898	-1.604911		1	1.695504	-1.740125	-1.735097
1	-3.229658	-1.944360	-1.249773		1	-2.840884	-1.464941	1.871153
1	-3.471381	-0.301287	-1.758291		1	-1.595149	-2.026384	0.796069
1	-1.099581	-1.349769	-0.137236		1	-1.937671	0.831353	1.815650
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1	-1.621388	1.493051	-1.103347		1	0.198456	-0.262736	-0.059135
i				:	i.c			
•47 6	0 540966	-0 423016	-0 716575		•48 6	1 889374	0 804418	-1 121370
6	1 285034	-1 544211	-0 419596		6	2.917869	-0.093592	-1 262185
6	2 619738	-1 412357	-0.069743		6	3 385967	-0 785570	-0 149861
6	3.225443	-0.068495	0.059810		6	2.708364	-0.623817	1.152220
6	2.217666	1.025685	0.359372		6	1.259282	-0.192093	1.026046
6	1.034523	0.955432	-0.594481		6	1.117042	1.019036	0.114387
6	3.476849	-2.590573	0.131057		6	4.570027	-1.650180	-0.232007
6	-0.086637	1.994514	-0.371978		6	-0.334119	1.481966	-0.172683
6	-0.748609	1.896101	0.999561		6	-1.163766	1.575893	1.117583
6	-1.450489	0.578961	1.304911		6	-2.007022	0.343936	1.452641
6	-2.565780	0.271249	0.350486		6	-3.044761	0.072057	0.410695
6	-3.025378	-0.927054	-0.019461		6	-3,294694	-1.067114	-0.238656
6	-4.196840	-1.052707	-0.943524		6	-4.411440	-1.152727	-1.233300

6	0.430994	3.403171	-0.623066	
6	-2.478025	-2.230942	0.474167	
1	0.856271	-2.526294	-0.548907	
1	3.031254	-3.511221	-0.228981	
1	4.457750	-2.441941	-0.318459	
1	3.655174	-2.689172	1.206698	
1	-0.846927	1.779108	-1.127060	
1	-0.455747	-0.558809	-1.125219	
1	0.916263	3.490930	-1.594048	
1	-0.392935	4.112197	-0.605621	
1	1.139772	3.719181	0.140814	
1	-1.484454	2.699563	1.058348	
1	-0.020152	2.115168	1.781589	
1	-0.725419	-0.241108	1.344118	
1	-1.846076	0.640397	2.321788	
1	-3.086447	1.140853	-0.037397	
1	-4.560815	-0.083604	-1.273243	
1	-5.018941	-1.572778	-0.451268	
1	-3.941186	-1.641221	-1.825482	
1	-3.231732	-2.747258	1.069462	
1	-2.244087	-2.896351	-0.358542	
1	-1.595948	-2.124329	1.099850	
1	4.031780	-0.096545	0.791797	
1	3.722672	0.115240	-0.903850	
1	1 861479	0 913908	1 383716	
1	2.702618	1.995244	0.294657	
1	1 399101	1 154300	-1 620404	
•				
i49				
i ₄₉ 6	-1.078162	0.131360	-0.887415	
i ₄₉ 6 6	-1.078162 -2.237087	0.131360 -0.554172	-0.887415 -1.161605	
i ₄₉ 6 6 6	-1.078162 -2.237087 -3.075232	0.131360 -0.554172 -0.939156	-0.887415 -1.161605 -0.122197	
i ₄₉ 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447	0.131360 -0.554172 -0.939156 -0.566213	-0.887415 -1.161605 -0.122197 1.269960	
i ₄₉ 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386	0.131360 -0.554172 -0.939156 -0.566213 0.679078	-0.887415 -1.161605 -0.122197 1.269960 1.372573	
i ₄₉ 6 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505	
i ₄₉ 6 6 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624 -4.270322	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243 -1.756778	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505 -0.370851	
i ₄₉ 6 6 6 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624 -4.270322 0.105321	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243 -1.756778 1.953857	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505 -0.370851 0.398674	
i ₄₉ 6 6 6 6 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624 -4.270322 0.105321 1.623482	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243 -1.756778 1.953857 1.782922	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505 -0.370851 0.398674 0.333436	
i ₄₉ 6 6 6 6 6 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624 -4.270322 0.105321 1.623482 2.227274	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243 -1.756778 1.953857 1.782922 1.020723	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505 -0.370851 0.398674 0.333436 -0.854139	
i ₄₉ 6 6 6 6 6 6 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624 -4.270322 0.105321 1.623482 2.227274 2.149929	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243 -1.756778 1.953857 1.782922 1.020723 -0.480202	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505 -0.370851 0.398674 0.333436 -0.854139 -0.777344	
i ₄₉ 6 6 6 6 6 6 6 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624 -4.270322 0.105321 1.623482 2.227274 2.149929 2.931382	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243 -1.756778 1.953857 1.782922 1.020723 -0.480202 -1.277941	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505 -0.370851 0.398674 0.333436 -0.854139 -0.777344 -0.043799	
i ₄₉ 6 6 6 6 6 6 6 6 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624 -4.270322 0.105321 1.623482 2.227274 2.149929 2.931382 2.783292	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243 -1.756778 1.953857 1.782922 1.020723 -0.480202 -1.277941 -2.766683	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505 -0.370851 0.398674 0.333436 -0.854139 -0.777344 -0.043799 -0.090040	
i ₄₉ 6 6 6 6 6 6 6 6 6 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624 -4.270322 0.105321 1.623482 2.227274 2.149929 2.931382 2.783292 -0.427893	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243 -1.756778 1.953857 1.782922 1.020723 -0.480202 -1.277941 -2.766683 2.916333	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505 -0.370851 0.398674 0.333436 -0.854139 -0.777344 -0.043799 -0.090040 -0.656551	
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i ₄₉ 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 1	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624 -4.270322 0.105321 1.623482 2.227274 2.149929 2.931382 2.783292 -0.427893 4.023554 -2.455556	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243 -1.756778 1.953857 1.782922 1.020723 -0.480202 -1.277941 -2.766683 2.916333 -0.783900 -0.867936	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505 -0.370851 0.398674 0.333436 -0.854139 -0.777344 -0.043799 -0.090040 -0.656551 0.851595 -2.171202	
i_{49} 6 6 6 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624 -4.270322 0.105321 1.623482 2.227274 2.149929 2.931382 2.783292 -0.427893 4.023554 -2.455556 -4.290098	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243 -1.756778 1.953857 1.782922 1.020723 -0.480202 -1.277941 -2.766683 2.916333 -0.783900 -0.867936 -2.200282	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505 -0.370851 0.398674 0.333436 -0.854139 -0.777344 -0.043799 -0.090040 -0.656551 0.851595 -2.171202 -1.360131	
i_{49} 6 6 6 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624 -4.270322 0.105321 1.623482 2.227274 2.149929 2.931382 2.783292 -0.427893 4.023554 -2.455556 -4.290098 -4.388429	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243 -1.756778 1.953857 1.782922 1.020723 -0.480202 -1.277941 -2.766683 2.916333 -0.783900 -0.867936 -2.200282 -2.522477	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505 -0.370851 0.398674 0.333436 -0.854139 -0.777344 -0.043799 -0.090040 -0.656551 0.851595 -2.171202 -1.360131 0.394649	
i_{49} 6 6 6 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624 -4.270322 0.105321 1.623482 2.227274 2.149929 2.931382 2.783292 -0.427893 4.023554 -2.455556 -4.290098 -4.388429 -5.140754	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243 -1.756778 1.953857 1.782922 1.020723 -0.480202 -1.277941 -2.766683 2.916333 -0.783900 -0.867936 -2.200282 -2.522477 -1.099813	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505 -0.370851 0.398674 0.333436 -0.854139 -0.777344 -0.043799 -0.090040 -0.656551 0.851595 -2.171202 -1.360131 0.394649 -0.269038	
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i_{49} 6 6 6 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624 -4.270322 0.105321 1.623482 2.227274 2.149929 2.931382 2.783292 -0.427893 4.023554 -2.455556 -4.290098 -4.388429 -5.140754 -0.093723 -0.390900	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243 -1.756778 1.953857 1.782922 1.020723 -0.480202 -1.277941 -2.766683 2.916333 -0.783900 -0.867936 -2.200282 -2.522477 -1.099813 2.410338 0.296652	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505 -0.370851 0.398674 0.333436 -0.854139 -0.777344 -0.043799 -0.090040 -0.656551 0.851595 -2.171202 -1.360131 0.394649 -0.269038 1.370704 -1.706721	
i_{49} 6 6 6 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624 -4.270322 0.105321 1.623482 2.227274 2.149929 2.931382 2.783292 -0.427893 4.023554 -2.455556 -4.290098 -4.388429 -5.140754 -0.093723 -0.390900 -1.511026	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243 -1.756778 1.953857 1.782922 1.020723 -0.480202 -1.277941 -2.766683 2.916333 -0.783900 -0.867936 -2.200282 -2.522477 -1.099813 2.410338 0.296652 3.024303	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505 -0.370851 0.398674 0.333436 -0.854139 -0.777344 -0.043799 -0.090040 -0.656551 0.851595 -2.171202 -1.360131 0.394649 -0.269038 1.370704 -1.706721 -0.601298	
i_{49} 6 6 6 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624 -4.270322 0.105321 1.623482 2.227274 2.149929 2.931382 2.783292 -0.427893 4.023554 -2.455556 -4.290098 -4.388429 -5.140754 -0.093723 -0.390900 -1.511026 -0.000669	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243 -1.756778 1.953857 1.782922 1.020723 -0.480202 -1.277941 -2.766683 2.916333 -0.783900 -0.867936 -2.200282 -2.522477 -1.099813 2.410338 0.296652 3.024303 3.905246	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505 -0.370851 0.398674 0.333436 -0.854139 -0.777344 -0.043799 -0.090040 -0.656551 0.851595 -2.171202 -1.360131 0.394649 -0.269038 1.370704 -1.706721 -0.601298 -0.510247	
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i_{49} 6 6 6 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624 -4.270322 0.105321 1.623482 2.227274 2.149929 2.931382 2.783292 -0.427893 4.023554 -2.455556 -4.290098 -4.388429 -5.140754 -0.093723 -0.390900 -1.511026 -0.000669 -0.173054 1.958450 2.047355	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243 -1.756778 1.953857 1.782922 1.020723 -0.480202 -1.277941 -2.766683 2.916333 -0.783900 -0.867936 -2.200282 -2.522477 -1.099813 2.410338 0.296652 3.024303 3.905246 2.611273 1.301697 2.787723	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505 -0.370851 0.398674 0.333436 -0.854139 -0.777344 -0.043799 -0.090040 -0.656551 0.851595 -2.171202 -1.360131 0.394649 -0.269038 1.370704 -1.706721 -0.601298 -0.510247 -1.670721 1.253148 0.346649	
i_{49} 6 6 6 6 6 6 6 6	-1.078162 -2.237087 -3.075232 -2.747447 -1.886386 -0.684624 -4.270322 0.105321 1.623482 2.227274 2.149929 2.931382 2.783292 -0.427893 4.023554 -2.455556 -4.290098 -4.388429 -5.140754 -0.093723 -0.390900 -1.511026 -0.000669 -0.173054 1.958450 2.047355 1.779998	0.131360 -0.554172 -0.939156 -0.566213 0.679078 0.619243 -1.756778 1.953857 1.782922 1.020723 -0.480202 -1.277941 -2.766683 2.916333 -0.783900 -0.867936 -2.200282 -2.522477 -1.099813 2.410338 0.296652 3.024303 3.905246 2.611273 1.301697 2.787723 1.364051	-0.887415 -1.161605 -0.122197 1.269960 1.372573 0.440505 -0.370851 0.398674 0.333436 -0.854139 -0.777344 -0.043799 -0.090040 -0.656551 0.851595 -2.171202 -1.360131 0.394649 -0.269038 1.370704 -1.706721 -0.601298 -0.510247 -1.670721 1.253148 0.346649 -1.788519	
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1	-1.368729	3.091548	-1.149978
1	0.046845	3.614318	-0.253243
1	-1 847248	2 418503	1 012310
1	-0.520696	1 835236	1 061750
1	-0.320090	0.520092	1.901/39
1	-1.381310	-0.530083	1.0100/8
1	-2.503707	0.537103	2.406130
1	-3.684837	0.918807	0.183147
1	-4.924608	-0.202336	-1.351702
1	-5 145593	-1 897438	-0 924407
1	4 041640	1 466484	2 210223
1	-4.041040	-1.400464	-2.210223
1	-3.225858	-3.122189	0.332663
1	-2.159193	-2.718131	-0.989045
1	-1.727706	-2.272832	0.665011
1	2.819206	-1.533199	1.741881
1	3 296797	0 135702	1 688415
1	0.674270	1 016140	0.615320
1	0.074379	-1.010149	0.013339
I	0.8598/1	0.023390	2.011862
1	1.619076	1.881700	0.590439
İ 50			
50	0 466075	1 (50001	
6	-0.466075	-1 659831	-1155158
6	-0.466075	-1.659831	-1.155158
6 6	-0.4660/5 -1.753971	-1.659831 -1.189227	-1.155158 -1.187722
6 6 6	-0.466075 -1.753971 -2.407787	-1.659831 -1.189227 -0.903709	-1.155158 -1.187722 0.005835
6 6 6 6	-0.466075 -1.753971 -2.407787 -1.706492	-1.659831 -1.189227 -0.903709 -1.073510	-1.155158 -1.187722 0.005835 1.295635
6 6 6 6	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977	-1.155158 -1.187722 0.005835 1.295635 1.194288
6 6 6 6 6	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534
6 6 6 6 6 6	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022
6 6 6 6 6 6 6 6	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895
6 6 6 6 6 6 6 6 6	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.205506	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 1.068240
6 6 6 6 6 6 6 6 6	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349
6 6 6 6 6 6 6 6 6	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768
6 6 6 6 6 6 6 6 6 6 6	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870
6 6 6 6 6 6 6 6 6 6 6 6 6	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238 2.684401	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657 -1.832720	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238 2.684401 0.664781	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657 -1.832720 2.002824	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.215260
6 6 6 6 6 6 6 6 6 6 6 6 6 6	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238 2.684401 0.640781	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657 -1.832720 2.993834	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.315260
	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238 2.684401 0.640781 -2.287602	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657 -1.832720 2.993834 -1.122592	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.315260 -2.123687
	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238 2.684401 0.640781 -2.287602 -4.326316	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657 -1.832720 2.993834 -1.122592 -0.663413	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.315260 -2.123687 -0.922064
	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238 2.684401 0.640781 -2.287602 -4.326316 -4.357952	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657 -1.832720 2.993834 -1.122592 -0.663413 -0.953472	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.315260 -2.123687 -0.922064 0.841502
	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238 2.684401 0.640781 -2.287602 -4.326316 -4.357952 -3.831291	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657 -1.832720 2.993834 -1.122592 -0.663413 -0.953472 0 587627	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.315260 -2.123687 -0.922064 0.841502 0.223407
6 6	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238 2.684401 0.640781 -2.287602 -4.326316 -4.357952 -3.831291 2.090923	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657 -1.832720 2.993834 -1.122592 -0.663413 -0.953472 0.587627 2.525183	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.315260 -2.123687 -0.922064 0.841502 0.223407 0.882558
6 6	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238 2.684401 0.640781 -2.287602 -4.326316 -4.357952 -3.831291 2.090923 0.021761	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657 -1.832720 2.993834 -1.122592 -0.663413 -0.953472 0.587627 -2.525183 2.012452	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.315260 -2.123687 -0.922064 0.841502 0.223407 -0.882558 2.084118
	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238 2.684401 0.640781 -2.287602 -4.326316 -4.357952 -3.831291 2.090923 -0.031761	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657 -1.832720 2.993834 -1.122592 -0.663413 -0.953472 0.587627 -2.525183 -2.013452	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.315260 -2.123687 -0.922064 0.841502 0.223407 -0.882558 -2.084118
	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238 2.684401 0.640781 -2.287602 -4.326316 -4.357952 -3.831291 2.090923 -0.031761 2.416818	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657 -1.832720 2.993834 -1.122592 -0.663413 -0.953472 0.587627 -2.525183 -2.013452 -2.745580	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.315260 -2.123687 -0.922064 0.841502 0.223407 -0.882558 -2.084118 1.554121
	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238 2.684401 0.640781 -2.287602 -4.326316 -4.357952 -3.831291 2.090923 -0.031761 2.416818 3.741943	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657 -1.832720 2.993834 -1.122592 -0.663413 -0.953472 0.587627 -2.525183 -2.013452 -2.745580 -1.895903	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.315260 -2.123687 -0.922064 0.841502 0.223407 -0.882558 -2.084118 1.554121 0.778077
	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238 2.684401 0.640781 -2.287602 -4.326316 -4.357952 -3.831291 2.090923 -0.031761 2.416818 3.741943 2.562997	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657 -1.832720 2.993834 -1.122592 -0.663413 -0.953472 0.587627 -2.525183 -2.013452 -2.745580 -1.895903 -0.999434	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.315260 -2.123687 -0.922064 0.841502 0.223407 -0.882558 -2.084118 1.554121 0.778077 1.712443
	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238 2.684401 0.640781 -2.287602 -4.326316 -4.357952 -3.831291 2.090923 -0.031761 2.416818 3.741943 2.562997 1.806454	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657 -1.832720 2.993834 -1.122592 -0.663413 -0.953472 0.587627 -2.525183 -2.013452 -2.745580 -1.895903 -0.999434 -0.459769	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.315260 -2.123687 -0.922064 0.841502 0.223407 -0.882558 -2.084118 1.554121 0.778077 1.712443 -2.041409
	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238 2.684401 0.640781 -2.287602 -4.326316 -4.357952 -3.831291 2.090923 -0.031761 2.416818 3.741943 2.562997 1.806454 3.357720	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657 -1.832720 2.993834 -1.122592 -0.663413 -0.953472 0.587627 -2.525183 -2.013452 -2.745580 -1.895903 -0.999434 -0.459769 -0.617801	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.315260 -2.123687 -0.922064 0.841502 0.223407 -0.882558 -2.084118 1.554121 0.778077 1.712443 -2.041409 -1.291968
	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238 2.684401 0.640781 -2.287602 -4.326316 -4.357952 -3.831291 2.090923 -0.031761 2.416818 3.741943 2.562997 1.806454 3.357729 2.26214	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657 -1.832720 2.993834 -1.122592 -0.663413 -0.953472 0.587627 -2.525183 -2.013452 -2.745580 -1.895903 -0.459769 -0.617801 0.943125	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.315260 -2.123687 -0.922064 0.841502 0.223407 -0.882558 -2.084118 1.554121 0.778077 1.712443 -2.041409 -1.291968
	$\begin{array}{r} -0.466075 \\ -1.753971 \\ -2.407787 \\ -1.706492 \\ -0.197071 \\ 0.353283 \\ -3.816744 \\ 1.866169 \\ 2.305506 \\ 2.168626 \\ 0.873120 \\ 0.212587 \\ -1.018238 \\ 2.684401 \\ 0.640781 \\ -2.287602 \\ -4.326316 \\ -4.357952 \\ -3.831291 \\ 2.090923 \\ -0.031761 \\ 2.416818 \\ 3.741943 \\ 2.562997 \\ 1.806454 \\ 3.357729 \\ 2.369214 \\ 2.369214 \\ \end{array}$	-1.659831 -1.189227 -0.903709 -1.073510 -0.938977 -1.786911 -0.488407 -1.664361 -0.443951 0.961866 1.648020 2.540891 3.215657 -1.832720 2.993834 -1.122592 -0.663413 -0.953472 0.587627 -2.525183 -2.013452 -2.745580 -1.895903 -0.459769 -0.617801 0.949125	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.315260 -2.123687 -0.922064 0.841502 0.223407 -0.882558 -2.084118 1.554121 0.778077 1.712443 -2.041409 -1.291968 0.594234
6 6	$\begin{array}{r} -0.466075 \\ -1.753971 \\ -2.407787 \\ -1.706492 \\ -0.197071 \\ 0.353283 \\ -3.816744 \\ 1.866169 \\ 2.305506 \\ 2.168626 \\ 0.873120 \\ 0.212587 \\ -1.018238 \\ 2.684401 \\ 0.640781 \\ -2.287602 \\ -4.326316 \\ -4.357952 \\ -3.831291 \\ 2.090923 \\ -0.031761 \\ 2.416818 \\ 3.741943 \\ 2.562997 \\ 1.806454 \\ 3.357729 \\ 2.369214 \\ 2.969738 \end{array}$	$\begin{array}{r} -1.659831\\ -1.189227\\ -0.903709\\ -1.073510\\ -0.938977\\ -1.786911\\ -0.488407\\ -1.664361\\ -0.443951\\ 0.961866\\ 1.648020\\ 2.540891\\ 3.215657\\ -1.832720\\ 2.993834\\ -1.122592\\ -0.663413\\ -0.953472\\ 0.587627\\ -2.525183\\ -2.013452\\ -2.745580\\ -1.895903\\ -0.459769\\ -0.617801\\ 0.949125\\ 1.566916\end{array}$	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.315260 -2.123687 -0.922064 0.841502 0.223407 -0.882558 -2.084118 1.554121 0.778077 1.712443 -2.041409 -1.291968 0.594234 -0.906118
6 6	-0.466075 -1.753971 -2.407787 -1.706492 -0.197071 0.353283 -3.816744 1.866169 2.305506 2.168626 0.873120 0.212587 -1.018238 2.684401 0.640781 -2.287602 -4.326316 -4.357952 -3.831291 2.090923 -0.031761 2.416818 3.741943 2.562997 1.806454 3.357729 2.369214 2.969738 0.483660	$\begin{array}{r} -1.659831\\ -1.189227\\ -0.903709\\ -1.073510\\ -0.938977\\ -1.786911\\ -0.488407\\ -1.664361\\ -0.443951\\ 0.961866\\ 1.648020\\ 2.540891\\ 3.215657\\ -1.832720\\ 2.993834\\ -1.122592\\ -0.663413\\ -0.953472\\ 0.587627\\ -2.525183\\ -2.013452\\ -2.745580\\ -1.895903\\ -0.999434\\ -0.459769\\ -0.617801\\ 0.949125\\ 1.566916\\ 1.450265\end{array}$	-1.155158 -1.187722 0.005835 1.295635 1.194288 0.057534 0.019022 -0.246895 -1.068349 -0.475768 -0.787870 -0.045675 -0.569442 1.023649 1.315260 -2.123687 -0.922064 0.841502 0.223407 -0.882558 -2.084118 1.554121 0.778077 1.712443 -2.041409 -1.291968 0.594234 -0.906118 -1.782849
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153 (0 467006	1 ((0700	1 154617	1 ₅₄	1 262444	0 700507	1 1 (2027	
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6	0.8/4281 1.64/24/ -0./8/991	6	2.161128 0.642157 -0.829696
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6	1.206557 0.216515 0.170280	6	1 450735	0.3/21/2	0.341623
6	-1.370337 0.310313 $0.1702875.573603$ 1.100805 0.101877	6	5 520768	1 110022	-0.341023
6	-5.345005 -1.100805 0.101874 0.120627 0.070608 0.065222	6	0.151506	-1.110952	0.390924
0	-0.120057 0.979008 -0.005222	0	0.131300	0.983133	-0.304892
6	1.082686 0.078802 -0.333137	6	-1.0660/3	0.069285	-0.392424
6	2.405456 0.842327 -0.365840	6	-2.38/334	0.832602	-0.4659/0
6	3.551248 -0.074219 -0.656061	6	-3.524806	-0.08/503	-0.776457
6	4.549352 -0.419098 0.159917	6	-4.555307	-0.408417	0.008403
6	5.629305 -1.344124 -0.308507	6	-5.618598	-1.343689	-0.477492
6	-0.472380 1.888096 -1.288455	6	0.223419	1.756659	1.052516
6	4.717310 0.062913 1.566440	6	-4.777381	0.110118	1.394316
1	-3.322373 -2.435186 -0.685065	1	3.213504	-2.503942	0.569178
1	-5.660098 -2.093194 -0.322376	1	5.573592	-2.146246	0.714260
1	-5.942340 -1.110682 1.115911	1	6.119085	-1.008970	-0.519917
1	-6.158856 -0.409161 -0.473820	1	6.011397	-0.495152	1.150616
1	-4.496226 0.969501 1.423039	1	4.738350	1.109951	-0.859643
1	-4.096539 1.452357 -0.198766	1	4.010942	1.404718	0.692204
1	-2.155405 1.957431 1.279694	1	2.402930	2.090862	-1.087038
1	-2 248149 0 344534 1 958617	1	2 653753	0 561633	-1 905255
1	0.078371 1.655114 0.769685	1	0.118396	1 746750	-1.087230
1	-1.304689 -1.020682 -1.434788	1	1 073011	-1 150589	1.067250
1	-1.022602 -1.667314 -0.116862	1	1 102788	-1.63/030	-0.567107
1	1,022002 -1.007514 0.110002	1	1.102/00	-1.054050	1 1 2 9 2 0 7
1	-1.552505 2.527924 -1.109827	1	1.103473	2.300/42	1.136297
1	0.380087 2.330490 -1.439038	1	-0.0494/0	2.4012/8	1.093242
1	-0.644551 1.294838 -2.182355	1	0.189/10	1.0/1319	1.895017
1	0.952003 -0.455023 -1.275558	1	-1.098272	-0.611080	0.458767
1	1.149331 -0.677569 0.450450	1	-0.975237	-0.549927	-1.287152
1	2.369726 1.610982 -1.140089	1	-2.566201	1.365408	0.464725
1	2.545962 1.361387 0.580776	1	-2.316117	1.590002	-1.251465
1	3.556255 -0.492361 -1.656881	1	-3.492392	-0.531708	-1.765528
1	5.471794 -1.670830 -1.332681	1	-5.422564	-1.696636	-1.486180
1	5.686263 -2.226900 0.328721	1	-6.592087	-0.852996	-0.471988
1	6.602451 -0.855806 -0.253191	1	-5.701760	-2.209857	0.179345
1	4.780915 -0.784224 2.249525	1	-5.716929	0.660700	1.443327

1	5.654250 0.611056 1.66	6533 1	-4.868541	-0.718860	2.096284
1	3.915902 0.710015 1.90	8899 1	-3.989628	0.766110	1.751312
h ₅		h ₆			
6	-1.430798 -0.805917 -0.162	2040 6	1.096363	-0.629836	0.117565
6	-2.764781 -1.470485 -0.23	68127 6	2.276661	-1.544158	0.090297
6	-3.916641 -0.808418 -0.20	02070 6	3.533869	-1.115841	0.025995
6	-3.912833 0.676310 0.02	3052 6	3.818351	0.354774	-0.078953
6	-2.678477 1.135702 0.78	4101 6	2.668/26	1.116846	-0.720524
6	-1.411691 0.550361 0.37	3173 6	1.329260	0.752217	-0.286029
6	-5.244300 -1.461099 -0.3	/8/69 6	4.711200	-2.027588	0.078467
6	-0.180091 1.325343 0.54	6	0.272078	1.765245	-0.305100
6	1.122034 0.572720 0.84	2215 6	-1.163502	1.315840	-0.604148
6	1.877/14 -0.068378 -0.32	6	-1.990368	0.695292	0.521776
6	3.076616 -0.812132 0.17	6468 6	-3.390770	0.443708	0.058206
6	4.362307 -0.544303 -0.06	60513 6	-4.037522	-0.720855	-0.014031
6	5.438248 -1.405180 0.52	4643 6	-5.452694	-0.775698	-0.499901
6	-0.103872 2.196081 -0.74	6	0.423707	2.489514	1.065677
6	4.867451 0.584171 -0.90	3134 6	-3.470333	-2.050301	0.374147
1	-2.750301 -2.536552 -0.43	30874 1	2.059317	-2.598625	0.176766
1	-5.146684 -2.521283 -0.59	00831 1	4.413205	-3.062880	0.212071
1	-5.855380 -1.343109 0.51	5671 1	5.298821	-1.953144	-0.836168
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1	-4.793564 0.975267 0.58	7459 1	4.714237	0.524330	-0.672536
1	-3.977468 1.200064 -0.93	3112 1	4.032295	0.766022	0.909863
1	-2.611413 2.213215 0.91	9037 1	2.812439	2.194639	-0.757484
1	-2.727273 0.713787 1.80	9524 1	2.588361	0.795116	-1.779728
1	-0.373708 2.032246 1.35	2353 1	0.570583	2.504495	-1.052562
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1	0.758740 2.848137 -0.63	6606 1	-0.303388	3.297570	1.077263
1	0.036468 1.591120 -1.63	8131 1	0.213953	1.829415	1.901714
1	0.929652 -0.174098 1.61	5206 1	-1.157600	0.645066	-1.464922
1	1.789434 1.297146 1.30	7892 1	-1.684719	2.210797	-0.944881
1	1.238959 -0.766235 -0.86	57783 1	-1.542783	-0.225314	0.888310
1	2.170381 0.696533 -1.03	6618 1	-2.020996	1.382226	1.369675
1	2 854055 -1 667179 0 80	6086 1	-3 930722	1 333498	-0 247170
1	5 033350 -2 215045 1 12	5228 1	-5 828435	0.206223	-0 773382
1	6 105833 -0 814346 1 15	2005 1	-6 107071	-1 188647	0.268046
1	6.053224 -1.839817 -0.26	3538 1	-5 538383	-1 429052	-1 368464
1	5 547590 1 209340 -0 32	4725 1	-4 067142	-2 495267	1 170347
1	5 443409 0 196287 -1 74	3399 1	-3 514907	-2 741079	-0.468112
1	A 085304 1 221017 _1 30	0783 1	-2 //1033	-2.007024	0.720767
1	4.085574 1.221717 -1.50	2/03 1	-2.441933	-2.007024	0.720707
h_7		h ₈			
6	-0.688765 0.279095 -0.71	6659 6	-1.581707	-0.977260	-0.055707
6	-1.791269 1.282165 -0.62	6881 6	-3.023773	-1.299237	-0.273334
6	-2.949831 1.055520 -0.01	4885 6	-3.980764	-0.377032	-0.316767
6	-3.237367 -0.285706 0.59	02637 6	-3.637812	1.066044	-0.082286
6	-2.392093 -1.400680 -0.02	5323 6	-2.398762	1.225182	0.785750
6	-0.988360 -1.063807 -0.24	1898 6	-1.280261	0.345811	0.481335
6	-4.006997 2.095845 0.13	5729 6	-5.406125	-0.691905	-0.615574
6	0.042221 -2.057046 0.02	8328 6	0.083661	0.804017	0.749405
6	1.310486 -2.157918 -0.83	61917 6	1.130094	-0.236767	1.162683
6	2.210745 -0.955760 -1.12	1668 6	1 826701	-1.086154	0.089409
6	2.722813 -0.221041 0.07	5756 6	2 883198	-0.378974	-0.712779
6	2.900044 1.097404 0.21	3585 6	4.149607	-0.177992	-0.340289
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6	3.495429	1.661356	1.466276	6	5.118888	0.512709	-1.247207
6	0.306326	-1.757266	1.544462	6	0.444004	1.611126	-0.534539
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1	3 604404	3 040770	0.277605	1	5 550076	1 747430	0.824486
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1	-4.925621	1./88891	-0.363541	I	-6.04/148	-0.415561	0.221182
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1	-3 081705	-0 244566	1 672830	1	-3 492566	1 576515	-1.036738
1	2 506865	2 2 5 5 6 6 1	0.401422	1	2.086026	2 256560	0.022064
1	-2.300803	-2.555001	0.491455	1	-2.080020	2.230300	0.933904
1	-2./32198	-1.560435	-1.054/64	1	-2.636096	0.840/60	1./99322
1	-0.432289	-3.039552	0.015782	1	0.006105	1.553280	1.541203
1	0.246189	0.616643	-0.252727	1	-1.005774	-1.055261	-0.989585
1	-0.379573	0.113445	-1.762964	1	-1.072378	-1.708088	0.584410
1	-0 589516	-1 876795	2 148246	1	-0 243750	2 434481	-0 706772
1	1 020744	2 409401	1 972726	1	1 440122	2.151101	0.270225
1	1.030/44	-2.496491	1.0/5/50	1	1.440122	2.013923	-0.3/9333
1	0./2/06/	-0.//0439	1./02696	1	0.4/2349	0.9/8/65	-1.416440
1	1.011890	-2.591996	-1.786786	1	0.674076	-0.892511	1.907416
1	1.909762	-2.926406	-0.342310	1	1.903112	0.313794	1.696472
1	3.062301	-1.367228	-1.669737	1	2.273768	-1.931056	0.611641
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1	3./1/560	0.889552	2.198239	I	4.65/905	0.816281	-2.183325
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1	1 966363	2 91 59 49	-0 429492	1	5 577862	-1 271385	0 806672
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1	2.102696	2.374711	1 71 9907	1	4.012292	1 1 4 6 0 2 7	1.01040
1	2.103080	1./15454	-1./1009/	1	4.015285	-1.140037	1.001040
h ₉				h ₁₀			
h 9 6	-2.039795	1.238206	-0.272999	h ₁₀ 6	1.827459	-0.977026	-0.742820
h 9 6 6	-2.039795 -3 501519	1.238206	-0.272999	h ₁₀ 6	1.827459 3.263539	-0.977026	-0.742820
h 9 6 6	-2.039795 -3.501519	1.238206 0.939917 -0.260616	-0.272999 -0.326196	h ₁₀ 6 6	1.827459 3.263539 3.950102	-0.977026 -0.678318 0.274506	-0.742820 -1.019522 0.395147
h 9 6 6 6	-2.039795 -3.501519 -4.017037	1.238206 0.939917 -0.260616	-0.272999 -0.326196 -0.077219	h ₁₀ 6 6 6	1.827459 3.263539 3.950102	-0.977026 -0.678318 0.274506	-0.742820 -1.019522 -0.395147
h 9 6 6 6 6	-2.039795 -3.501519 -4.017037 -3.120021	1.238206 0.939917 -0.260616 -1.424213	-0.272999 -0.326196 -0.077219 0.230145	h ₁₀ 6 6 6 6	1.827459 3.263539 3.950102 3.277615	-0.977026 -0.678318 0.274506 1.158401	-0.742820 -1.019522 -0.395147 0.614578
h9 6 6 6 6 6	-2.039795 -3.501519 -4.017037 -3.120021 -1.708543	1.238206 0.939917 -0.260616 -1.424213 -1.235577	-0.272999 -0.326196 -0.077219 0.230145 -0.313526	h ₁₀ 6 6 6 6 6 6	1.827459 3.263539 3.950102 3.277615 1.767934	-0.977026 -0.678318 0.274506 1.158401 1.233365	-0.742820 -1.019522 -0.395147 0.614578 0.414169
h9 6 6 6 6 6 6	-2.039795 -3.501519 -4.017037 -3.120021 -1.708543 -1.143174	1.238206 0.939917 -0.260616 -1.424213 -1.235577 0.096202	-0.272999 -0.326196 -0.077219 0.230145 -0.313526 -0.137331	h ₁₀ 6 6 6 6 6 6 6	1.827459 3.263539 3.950102 3.277615 1.767934 1.116037	-0.977026 -0.678318 0.274506 1.158401 1.233365 -0.034619	-0.742820 -1.019522 -0.395147 0.614578 0.414169 0.112111
h9 6 6 6 6 6 6 6	-2.039795 -3.501519 -4.017037 -3.120021 -1.708543 -1.143174 -5.483549	1.238206 0.939917 -0.260616 -1.424213 -1.235577 0.096202 -0.526734	-0.272999 -0.326196 -0.077219 0.230145 -0.313526 -0.137331 -0.057723	h ₁₀ 6 6 6 6 6 6 6 6	1.827459 3.263539 3.950102 3.277615 1.767934 1.116037 5.404012	-0.977026 -0.678318 0.274506 1.158401 1.233365 -0.034619 0.510348	-0.742820 -1.019522 -0.395147 0.614578 0.414169 0.112111 -0.624120
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h9 6 6 6 6 6 6 6 6	-2.039795 -3.501519 -4.017037 -3.120021 -1.708543 -1.143174 -5.483549 0.276767 0.930007	1.238206 0.939917 -0.260616 -1.424213 -1.235577 0.096202 -0.526734 0.262315 1.555664	-0.272999 -0.326196 -0.077219 0.230145 -0.313526 -0.137331 -0.057723 0.135952 0.337042	h ₁₀ 6 6 6 6 6 6 6 6	1.827459 3.263539 3.950102 3.277615 1.767934 1.116037 5.404012 -0.213814 1.091560	-0.977026 -0.678318 0.274506 1.158401 1.233365 -0.034619 0.510348 -0.320484 1.261280	-0.742820 -1.019522 -0.395147 0.614578 0.414169 0.112111 -0.624120 0.633406 0.183480
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$ h_9 6 6 6 6 6 6 6 6 6 6 6 6 1 $	-2.039795 -3.501519 -4.017037 -3.120021 -1.708543 -1.143174 -5.483549 0.276767 0.930007 2.441527 3.134313 3.993530 4.626617 0.317594 4.445294 -4.146868 -6.059313 -5.754699 -5.782592 -3.529930 -3.086349 -1.013567 -1.758028 0.819247 -1.785728 -1.686936 -0.176110	1.238206 0.939917 -0.260616 -1.424213 -1.235577 0.096202 -0.526734 0.262315 1.555664 1.571113 0.421458 -0.446780 -1.515352 0.112722 -0.434371 1.779032 0.378611 -1.251982 -0.951963 -2.336454 -1.592048 -2.017761 -1.276039 -0.599644 1.974785 1.743534 0.787297	-0.272999 -0.326196 -0.077219 0.230145 -0.313526 -0.137331 -0.057723 0.135952 -0.337042 -0.106018 -0.765484 -0.224314 -1.060907 1.691189 1.202596 -0.540985 -0.222743 -0.824492 0.900412 -0.198859 1.308741 -0.017411 -1.418335 -0.260505 0.497893 -1.187868 2.047758	h ₁₀ 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1.827459 3.263539 3.950102 3.277615 1.767934 1.116037 5.404012 -0.213814 -1.091569 -2.504919 -3.218832 -3.998774 -4.676632 0.122234 -4.292185 3.748276 5.824572 5.575358 5.954889 3.678554 3.503928 1.247139 1.573130 -0.731140 1.671647 1.223806 0.755222	-0.977026 -0.678318 0.274506 1.158401 1.233365 -0.034619 0.510348 -0.320484 -1.261280 -1.408128 -0.104598 0.525013 1.812294 -0.896591 0.019432 -1.318808 -0.211271 1.510390 0.443662 2.168253 0.807784 1.786221 1.778727 0.626924 -1.989917 -0.998086 0.239152	-0.742820 -1.019522 -0.395147 0.614578 0.414169 0.112111 -0.624120 0.633406 -0.183480 0.386461 0.588727 -0.294474 0.055868 2.046691 -1.671672 -1.741670 -1.317555 -1.021565 0.314173 0.554593 1.623789 1.192315 -0.528691 0.801776 -0.354441 -1.666238 2.636286
$ \begin{array}{r} h_9 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 1 \\ $	-2.039795 -3.501519 -4.017037 -3.120021 -1.708543 -1.143174 -5.483549 0.276767 0.930007 2.441527 3.134313 3.993530 4.626617 0.317594 4.445294 -4.146868 -6.059313 -5.754699 -5.782592 -3.529930 -3.086349 -1.013567 -1.758028 0.819247 -1.785728 -1.686936 -0.176119	1.238206 0.939917 -0.260616 -1.424213 -1.235577 0.096202 -0.526734 0.262315 1.555664 1.571113 0.421458 -0.446780 -1.515352 0.112722 -0.434371 1.779032 0.378611 -1.251982 -0.951963 -2.336454 -1.592048 -2.017761 -1.276039 -0.599644 1.974785 1.743534 -0.787287	-0.272999 -0.326196 -0.077219 0.230145 -0.313526 -0.137331 -0.057723 0.135952 -0.337042 -0.106018 -0.765484 -0.224314 -1.060907 1.691189 1.202596 -0.540985 -0.222743 -0.824492 0.900412 -0.198859 1.308741 -0.017411 -1.418335 -0.260505 0.497893 -1.187868 2.047758 1.067255	h ₁₀ 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1.827459 3.263539 3.950102 3.277615 1.767934 1.116037 5.404012 -0.213814 -1.091569 -2.504919 -3.218832 -3.998774 -4.676632 0.122234 -4.292185 3.748276 5.824572 5.575358 5.954889 3.678554 3.503928 1.247139 1.573130 -0.731140 1.671647 1.223806 0.755323 0.822222	-0.977026 -0.678318 0.274506 1.158401 1.233365 -0.034619 0.510348 -0.320484 -1.261280 -1.408128 -0.104598 0.525013 1.812294 -0.896591 0.019432 -1.318808 -0.211271 1.510390 0.443662 2.168253 0.807784 1.786221 1.778727 0.626924 -1.989917 -0.998086 -0.239153 1.002511	-0.742820 -1.019522 -0.395147 0.614578 0.414169 0.112111 -0.624120 0.633406 -0.183480 0.386461 0.588727 -0.294474 0.055868 2.046691 -1.671672 -1.741670 -1.317555 -1.021565 0.314173 0.554593 1.623789 1.192315 -0.528691 0.801776 -0.354441 -1.666238 2.636286
$ \begin{array}{r} h_9 \\ 6 \\ 1 \\ $	-2.039795 -3.501519 -4.017037 -3.120021 -1.708543 -1.143174 -5.483549 0.276767 0.930007 2.441527 3.134313 3.993530 4.626617 0.317594 4.445294 -4.146868 -6.059313 -5.754699 -5.782592 -3.529930 -3.086349 -1.013567 -1.758028 0.819247 -1.785728 -1.686936 -0.176119 1.366306	1.238206 0.939917 -0.260616 -1.424213 -1.235577 0.096202 -0.526734 0.262315 1.555664 1.571113 0.421458 -0.446780 -1.515352 0.112722 -0.434371 1.779032 0.378611 -1.251982 -0.951963 -2.336454 -1.592048 -2.017761 -1.276039 -0.599644 1.974785 1.743534 -0.787287 0.042213	-0.272999 -0.326196 -0.077219 0.230145 -0.313526 -0.137331 -0.057723 0.135952 -0.337042 -0.106018 -0.765484 -0.224314 -1.060907 1.691189 1.202596 -0.540985 -0.222743 -0.824492 0.900412 -0.198859 1.308741 -0.017411 -1.418335 -0.260505 0.497893 -1.187868 2.047758 1.964235	h ₁₀ 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1.827459 3.263539 3.950102 3.277615 1.767934 1.116037 5.404012 -0.213814 -1.091569 -2.504919 -3.218832 -3.998774 -4.676632 0.122234 -4.292185 3.748276 5.824572 5.575358 5.954889 3.678554 3.503928 1.247139 1.573130 -0.731140 1.671647 1.223806 0.755323 -0.822203	-0.977026 -0.678318 0.274506 1.158401 1.233365 -0.034619 0.510348 -0.320484 -1.261280 -1.408128 -0.104598 0.525013 1.812294 -0.896591 0.019432 -1.318808 -0.211271 1.510390 0.443662 2.168253 0.807784 1.786221 1.778727 0.626924 -1.989917 -0.998086 -0.239153 -1.003511	-0.742820 -1.019522 -0.395147 0.614578 0.414169 0.112111 -0.624120 0.633406 -0.183480 0.386461 0.588727 -0.294474 0.055868 2.046691 -1.671672 -1.741670 -1.317555 -1.021565 0.314173 0.554593 1.623789 1.192315 -0.528691 0.801776 -0.354441 -1.666238 2.636286 2.572335

1	0.480573	2.416264	0.158924	1	-0.628384	-2.246283	-0.256684
1	0.742308	1.669729	-1.406702	1	-1.173536	-0.864396	-1.196717
1	2.817310	2.508839	-0.519295	1	-3.060719	-2.053709	-0.290274
1	2.658624	1.613105	0.958806	1	-2.465734	-1.949919	1.331618
1	2.928822	0.317138	-1.826948	1	-3.109238	0.355759	1.564952
1	4 268194	-1 498376	-2.086608	1	-4 432825	2 142920	1 061969
1	4 433300	-2 503907	-0.643420	1	-5 759196	1 703117	-0.011549
1	5 709763	-1 393351	-1 079326	1	-4 400388	2 601724	-0.643604
1	4 263608	-1 402153	1.670851	1	-5 365257	-0 123844	-1 798771
1	5 521807	-0.260758	1 2/0103	1	-3.900350	0 75/338	-2 /18/00
1	3.07/6/8	-0.209738	1.249103	1	-3.990330	-0.01078/	-2.418490
1	5.974040	0.334070	1.007904	1	-5.800458	-0.919784	-1.903711
h ₁₃				h ₁₄			
6	1.717166	-0.905176	-0.810460	6	-1.487144	0.661824	-1.076063
6	3.122221	-0.482284	-1.088184	6	-2.746669	-0.134707	-1.167855
6	3 795804	0 383803	-0 336776	6	-3 303360	-0 758883	-0 134009
6	3 141858	1 037700	0 844778	6	-2.651585	-0 727075	1 217015
6	1 619956	1 040472	0.751234	6	-1 158792	-0.429252	1 147539
6	1.017206	-0.187617	0.250275	6	-0 754403	0.583224	0 183950
6	5 221970	0.737933	-0 587834	6	-4 598498	-1 490766	-0 230078
6	-0.246894	-0.650028	0.800007	6	0 360887	1 474010	0.485887
6	-1.186072	-1.426824	-0.110008	6	1 216875	1.474019	-0.678031
6	1 850533	-1.420824	-0.119998	6	2 00/600	0.855524	1 282320
6	-1.639333	-0.333007	-1.163920	0	2.094099	0.833324	-1.283330
6	-2.004551	0.621150	-0.024332	0	2 21 4728	0.248808	-0.282113
0	-5.882301	0.044/00	-0.237833	0	5.214/58	-1.043244	-0.002317
0	-4.507287	1.900479	0.283234	0	4.257781	-1.4034//	1.00/405
6	0.25/962	-1.55213/	1.981990	6	-0.36/968	2.659/31	1.194593
6	-4.802350	-0.533410	-0.29/839	6	2.499781	-2.181328	-0.662491
1	3.596985	-0.956/10	-1.934530	l	-3.222857	-0.151452	-2.13/301
1	5.635356	0.176813	-1.420088	l	-5.033466	-1.411051	-1.221498
1	5.323841	1.800900	-0.804826	l	-4.463923	-2.546739	0.002767
1	5.828225	0.535228	0.295165	1	-5.315626	-1.096463	0.490041
1	3.478171	2.068649	0.935944	1	-2.785589	-1.682728	1.720160
1	3.457127	0.540304	1.764483	1	-3.148019	0.012500	1.848880
1	1.125710	1.400111	1.650528	1	-0.693446	-0.276947	2.118637
1	1.324452	1.737326	-0.056449	1	-0.644153	-1.305839	0.706616
1	-0.771827	0.182793	1.252950	1	0.990238	0.994708	1.237198
1	1.627602	-1.981435	-0.628248	1	-1.637469	1.719550	-1.321563
1	1.069692	-0.769005	-1.691975	1	-0.753386	0.355827	-1.837826
1	0.937588	-1.034405	2.654071	1	-0.992055	2.344977	2.027136
1	-0.626247	-1.828528	2.550494	1	0.411861	3.305734	1.589391
1	0.733989	-2.458753	1.619044	1	-0.969040	3.232808	0.493945
1	-1.958920	-1.857816	0.515048	1	1.857594	2.745270	-0.292191
1	-0.669637	-2.268868	-0.583051	1	0.600962	2.419536	-1.447998
1	-1.118828	-0.195215	-1.901636	1	1.482497	0.091242	-1.761834
1	-2.524338	-1.195828	-1.760592	1	2.674406	1.310568	-2.088516
1	-2.049688	1.550418	-0.549166	1	3.643705	0.965593	0.249437
1	-3 802898	2 727584	0 311832	1	4 733895	-0.612065	1 464831
1	-4 903430	1 749978	1 287624	1	5 000033	-2.088209	0 541358
1	-5.350084	2.194811	-0.342355	1	3.785343	-2.063760	1.797409
1	-5 191522	-0 760519	0 694882	1	3 209766	-2 797161	-1 214851
1	-5 666286	-0 304943	-0 921856	1	2 048930	-2.836260	0.084282
1	-4.335711	-1.432295	-0.688697	1	1.729375	-1.873589	-1.363698
h ₁₅	0 (0 100	0.05001	0 (01 (05	h ₁₆	0	0.0000.1-	0.051515
6	0.634920	-0.373311	-0.691639	6	-0.775796	0.220942	-0.871748
6	1.711057	-1.397582	-0.570597	6	-1.929167	1.161518	-0.781430
6	2.905769	-1.142241	-0.043046	6	-2.996027	0.940471	-0.018086

6	3.252291	0.252151	0.392245	6	-3.112622	-0.337889	0.760576
6	2.424509	1.306179	-0.340419	6	-2.291441	-1.467075	0.146768
6	0.997013	0.998486	-0.412018	6	-0.945786	-1.087358	-0.275974
6	3.943631	-2.189895	0.172808	6	-4.104924	1.923880	0.139007
6	0.012269	2.075408	-0.263159	6	0.156581	-2.033633	-0.099047
6	-1 411480	1 846692	-0 795317	6	1 371551	-1 969894	-1 043943
6	-2 485955	1 315/16	0.1610/1	6	2 588/73	-1 120350	-0.645084
6	-2.403933	0.065015	0.722500	6	2.300473	0.252700	0.766044
0	-2.5140/1	-0.003913	0.722399	0	2.443122	0.333799	-0.700944
0	-2.850361	-1.19/942	0.251275	6	2./21081	1.293/98	0.1442/5
6	-2.665457	-2.495553	0.973742	6	2.597094	2.746776	-0.196683
6	0.047294	2.487133	1.235321	6	0.532702	-1.855777	1.402163
6	-3.679562	-1.285623	-0.990224	6	3.203162	1.025698	1.534965
1	1.452330	-2.398068	-0.884689	1	-1.836014	2.081502	-1.339690
1	3.586518	-3.174651	-0.112256	1	-3.910233	2.840962	-0.408385
1	4.842240	-1.969327	-0.402722	1	-5.046569	1.504963	-0.214941
1	4 239915	-2 224630	1 221393	1	-4 246400	2 176938	1 189956
1	4 302852	0.456824	0 195704	1	-4 151313	-0.659840	0.801032
1	3 126118	0.350602	1 472723	1	-2 811024	-0.172211	1 707202
1	2 610004	0.330002	0.006465	1	2.011024	-0.172211	0.734662
1	2.019094	2.521590	-0.000403	1	-2.290940	-2.381303	0.734002
1	2.707526	1.203957	-1.406/81	1	-2./442/6	-1.722032	-0.828989
I	0.456147	2.927673	-0.790401	l	-0.288535	-3.029695	-0.164260
1	-0.289069	-0.615846	-0.139868	1	0.175586	0.636114	-0.494109
1	0.229522	-0.315760	-1.718233	1	-0.490254	0.008942	-1.915086
1	1.039376	2.790086	1.554804	1	-0.309356	-2.041798	2.062489
1	-0.616343	3.338997	1.353533	1	1.301308	-2.590387	1.627802
1	-0.303694	1.688776	1.881603	1	0.931180	-0.865154	1.599143
1	-1.375407	1.220299	-1.687083	1	1.040557	-1.689918	-2.045478
1	-1 754521	2 821049	-1 142627	- 1	1 713434	-2 999958	-1 136377
1	-2 595116	2.021019	0.991821	1	2 926965	-1 415010	0 346472
1	2.393110	1 375745	0.3805/1	1	2.920903	1 438605	1 220822
1	-3.42/211	0.140726	-0.380341	1	2.159926	-1.438003	1 756642
1	-1./04181	-0.140/30	1.033839	1	2.138820	0.700238	-1./30042
1	-2.053707	-2.3862/6	1.865449	1	2.244308	2.902356	-1.213024
l	-2.20/355	-3.244296	0.326512	l	3.562334	3.243618	-0.098395
1	-3.631203	-2.900823	1.275998	1	1.918008	3.254293	0.489359
1	-3.260861	-2.022491	-1.676353	1	4.189509	1.468080	1.675000
1	-4.683905	-1.632513	-0.746566	1	2.549789	1.501418	2.267271
1	-3.770268	-0.343950	-1.521888	1	3.283470	-0.028704	1.778316
h ₁₇				h ₁₈			
6	-1.874641	-1.237759	-0.126588	6	-2.035059	1.286287	0.092960
6	-3 314294	-1 139410	-0.514830	6	-3 489969	0 995205	0 269456
6	-4 038306	-0.031012	-0 387822	6	-4 022297	-0.216072	0 134045
6	-3 445615	1 205050	0.222230	6	-3 172734	-1 385005	-0.267370
6	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.007647	1.005002	6	1 881/18	0.066740	0.066881
6	1 202052	0.907047	0.522562	6	-1.001440	-0.900749	-0.900881
0	-1.298932	-0.003009	0.323303	0	-1.203410	0.1/3481	-0.338809
6	-5.450/98	0.0/1094	-0.854556	6	-5.463247	-0.500354	0.391191
6	0.133/20	0.138524	0.605755	6	0.2394/5	0.194293	-0.220035
6	1.036594	-1.092698	0.540239	6	0.934486	1.554325	-0.181464
6	2.396625	-0.872433	1.209572	6	2.409864	1.479510	-0.579922
6	3.214678	0.262360	0.667741	6	3.274316	0.711014	0.368176
6	4.170384	0.191755	-0.263351	6	4.069312	-0.329252	0.101549
6	4.941966	1.408938	-0.667142	6	4.920280	-0.932990	1.175935
6	0.310157	1.067799	-0.651712	6	0.356619	-0.582002	1.142288
6	4.574773	-1.065372	-0.965896	6	4 228092	-0.970451	-1.241614
1	-3 744270	-2.026896	-0 955481	1	-4 105254	1 833921	0 560514
1	_5 781004	-0.841861	-1 340182	1	_5 001101	0.381/16	0 740845
1	-6.110660	0.071001	_0 010652	1	-5.991101	_0 850121	_0 512012
1	5 560100	0.270079	1 561502	1	-5.755625	1 202002	1 1/2226
1	-3.302192	0.073200	-1.301323	1	-3.3/110/	-1.202993	1.142220
1	-4.186969	1./08694	0.839/09	1	-3./26/63	-2.03494/	-0.942976
1	-3.180808	1.916042	-0.363194	1	-2.9440/0	-1.995709	0.609342

1	1 710455 1 00155	1 4 4 5 0 2 4	1	1 200005	1 702005	1 1 5 0 1 6 0
1	-1./18455 1.801550) 1.445824	1	-1.200895	-1./93805	-1.152462
1	-2.577712 0.372570) 1.994421	1	-2.148880	-0.554503	-1.955293
1	0.362957 0.758780) 1.474220	1	0.687890	-0.456877	-0.972481
1	-1.230249 -1.566978	8 -0.945398	1	-1.582865	1.759060	0.968403
1	-1 716982 -2 02868	1 0.629327	1	-1 870706	2 044651	-0.693913
1	0.200502 2.02000	0.027327	1	0.072062	1 578044	1 102750
1	-0.200392 2.020215	-0.34/330	1	-0.073003	-1.3/8944	1.102/30
I	1.381407 1.243146	-0.720420	1	1.425973	-0.672414	1.318072
1	-0.012199 0.576769	9 -1.566447	1	-0.088992	-0.023795	1.961119
1	1.185008 -1.386316	5 -0.499275	1	0.842249	1.994727	0.812298
1	0 551757 -1 931666	5 1 041238	1	0 437627	2 235710	-0 872976
1	2 231306 -0 70740	7 2 275836	1	2 484083	1.086100	-1 592267
1	2.251500 -0.70740	2.275050	1	2.774000	2.507027	-1.572207
1	2.945954 -1.808815	1.139440	1	2.774920	2.50/05/	-0.032570
I	3.036579 1.233174	1.118698	1	3.285276	1.095116	1.383912
1	4.616317 2.297214	-0.132211	1	4.782861	-0.439180	2.134156
1	4.846179 1.594779	-1.737311	1	5.975312	-0.865177	0.910034
1	6.005026 1.267996	-0.471253	1	4.700018	-1.993978	1.298947
1	4 470122 -0 946614	5 -2 044655	1	5 254086	-0.853819	-1 591160
1	5 607904 1 077721	0.780025	1	4.047710	2.042690	1.174902
1	3.02/824 -1.2///3	-0.780923	1	4.04//19	-2.043089	-1.1/4893
1	3.999/12 -1.9361/6	- 0.66/200	1	3.5/3820	-0.562271	-2.005460
h ₁₉			h ₂₀			
6	-2.160641 -1.320609	9 -0.296931	6	2.162798	1.383588	-0.288717
6	-3.580259 -0.86806	1 -0.220182	6	3.554631	0.855102	-0.171217
6	-3.926452 0.416170	0 -0.195108	6	3.842783	-0.431666	0.002539
6	-2.857995 1.469883	7 -0 150104	6	2 749021	-1 459015	0.034522
6	-1 589492 0 959693	0 535048	6	1 / 85002	-0.988847	-0.678025
6	-1.389492 0.93909.	0.333040	0	1.405092	-0.988847	-0.078023
0	-1.134011 -0.3311/2	9 0.016842	0	1.090803	0.390795	-0.399093
6	-5.340628 0.88401	3 -0.234/1/	6	5.233356	-0.9323/1	0.198166
6	0.283558 -0.634083	3 -0.094534	6	-0.300633	0.748811	-0.264771
6	0.827339 -0.689186	5 1.378174	6	-0.574619	0.382421	1.243692
6	2.357022 -0.669850) 1.403327	6	-2.082440	0.314161	1.516168
6	2 919407 0 556725	5 0 771270	6	-2 768768	-0 743698	0 723139
6	3 831863 0 639410	-0.204478	6	-3 826476	-0.611606	-0.085186
6	4 205007 1 072860	0.204470	6	-5.020470	1 205640	0.771052
0	4.505097 1.972800	-0.091893	0	-4.411636	-1.803040	-0.7/1933
6	0.655049 -1.868012	2 -0.892588	6	-0.680557	2.180361	-0.589537
6	4.492623 -0.528769	9 -0.864465	6	-4.546984	0.670717	-0.356609
1	-4.332268 -1.642322	2 -0.259428	1	4.342548	1.593803	-0.190109
1	-6.036204 0.055015	5 -0.321341	1	5.954191	-0.120926	0.220111
1	-5 587439 1 449337	0 663557	1	5 313225	-1 485041	1 134404
1	5 408100 1 551481	1 082160	1	5 512673	1 610580	0.600045
1	2 20(520 2 22022)	-1.002109	1	0.011170	-1.019580	-0.000043
1	-3.206530 2.339322	2 0.403311	1	-0.9111/9	0.036441	-0.829041
I	-2.633597 1.825383	3 -1.158139	1	2.038975	2.013689	-1.185150
1	-0.789739 1.695080	0.565463	1	1.909313	2.082446	0.516220
1	-1.864332 0.729118	3 1.577252	1	-0.401419	2.443003	-1.607788
1	0.776377 0.256250	-0.510093	1	-1.756753	2.295960	-0.514660
1	-1 916864 -1 743074	4 -1 280616	1	-0 224785	2 896733	0.090653
1	-1.952506 -2.17568	0.365571	1	-0.105370	1 130271	1 881303
1	0.250740 1.922200	2 0.303371	1	-0.105570	0.594114	1.001375
1	0.230/49 -1.832288	5 -1.901989	1	-0.155052	-0.384114	1.4904/0
1	1./3381/ -1.92653	-0.988/66	1	-2.1/3955	0.092/64	2.582256
1	0.316485 -2.785576	5 -0.414817	1	-2.531625	1.292359	1.371393
1	0.447857 -1.589283	3 1.861684	1	-2.372345	-1.745422	0.859710
1	0.461408 0.168216	5 1.939540	1	-3.860789	-2.716208	-0.553461
1	2 634617 -0 700270) 2 4 5 9 8 1 8	1	-4 429750	-1 662329	-1 852548
1	2 755624 _1 570127	0 963290	1	_5 //6//1	_1 953227	-0.461070
1 1	2.755027 - 1.577122	- 1.1010290	1	1 505761	0.967054	1 420100
1	2.339230 1.491484	F 1.191038	1	-4.385201	0.80/054	-1.428199
1	3.800016 2./95518	-0.193235	1	-5.581510	0.590936	-0.022643
1	4.149707 2.071170) -1.766489	1	-4.112181	1.534990	0.135012
1	5.376602 2.080785	5 -0.523001	1	3.085191	-2.377837	-0.442069
1	4.347834 -0.489425	5 -1.944273	1	2.521018	-1.726436	1.068666

1	5.569002 -0.485657 -0.698168	1	1.710780	-0.922185	-1.757648
1	4.146945 -1.492976 -0.505967	1	0.647831	-1.675808	-0.583671
h'.		h'a			
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6	2.763730 -1.450501 -0.087547	6	2.347450	-1.532761	-0.352895
6	3.790779 -0.608108 -0.043420	6	3.494961	-0.956058	-0.011220
6	3.578334 0.789839 -0.553341	6	3.634576	0.523470	-0.238107
6	2.193797 1.316735 -0.205289	6	2.338532	1.266657	0.051392
6	1.093236 0.371262 -0.367759	6	1.115746	0.622285	-0.418989
6	5.147538 -0.976779 0.447506	6	4.661008	-1.693205	0.549794
6	-0.297970 0.757413 -0.203718	6	-0.189480	1.252257	-0.308796
6	-0.602670 0.385981 1.294471	6	-0.752733	0.658463	1.034903
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6	-2.781986 -0.742143 0.728980	6	-3.088924	0.473233	0.039735
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1	5.196480 -2.018137 0.750674	1	4.462600	-2.757439	0.631990
1	5.892052 -0.812774 -0.331606	1	5.538123	-1.557327	-0.082911
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1	0.613724 -1.694419 -0.405448	1	0.268531	-1.242073	-0.969274
1	1.474856 -1.012043 -1.751440	1	1.449338	-0.518413	-2.022577
1	-0.347854 2.472931 -1.527557	1	0.259259	3.169347	-1.215381
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1	-0.187425 2.896009 0.182229	1	0.256681	3.199031	0.552770
1	-0.146667 1.135985 1.939705	1	-0.201570	1.090481	1.870269
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1	-2.227445 0.088823 2.602775	1	-2.557181	0.479382	2.117230
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1	-5.429635 -1.947728 -0.526207	1	-4.119768	-1.938903	-1.795820
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1	-5.573203 0.596755 -0.085798	1	-3.132188	-2.727336	0.461980
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1	2.139412 1.558866 0.869760	1	2.173726	1.337419	1.139179
1	1.957434 2.261542 -0.696263	1	2.358815	2.308584	-0.272733
h!		b!			
<u>н</u> з б	2 217468 1 207230 0 756046	ш ₄ б	_1 006860	-1 455740	-0 187820
6	2.217408 1.297239 $-0.7509402.975414$ 0.037700 -1.084896	6	-2 616663	-0.126857	-0.820/34
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6	-3.386295 -0.871020 -0.028992	6	2.301417	1.431790	-0.139379
-		-			

(4 1 2 0 1 7 2	1 40/052	1 100242	(2 402210	1 0 2 0 2 0 4	0 745050
6	-4.1381/2	-1.486952	1.108343	6	3.402319	1.928294	0./45059
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1	1 261111	2 190154	1 407084	1	2 725252	2 224224	1 177007
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1	1 851845	1 834476	-1 627299	1	-1 845372	-2 100056	-1 350142
1	2 996161	2,000117	0.027255	1	2 ((971 9	2.100050	0.101520
1	2.880101	2.009117	-0.233200	1	-2.008/18	-2.029028	0.181528
1	-0.342198	2.372779	2.239807	1	0.770862	-2.732450	2.236843
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1	-1.263128	0.933001	1.770546	1	1.807520	-1.495311	1.513636
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1	-1.636631	-0.450125	-2.079730	1	1./31/28	-0.460958	-2.504557
1	-0.238005	-0.830933	-1.145771	1	0.386065	0.105023	-1.576173
1	-1.553011	-1.262971	0.832728	1	3.093309	-0.479672	-0.233299
1	-3 475552	-1 857085	1 886257	1	4 112362	1 144999	0 995404
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1	-4./40030	-2.520243	0.730919	1	3.003642	2.342013	1.0/192/
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1	-4.914771	0.430530	-0.754545	1	1.787044	3.209726	-1.191261
1	-3 683651	0 079024	-1 961309	1	0 447262	2.086008	-1 078273
1	2 700275	1 442542	1 972646	1	1 602255	1 625050	1 707825
1	2.199213	-1.442343	1.073040	1	-1.002233	0.020059	1.797855
1	3.526603	0.134600	1./42135	1	-2.619294	0.2395/4	2.069264
1	0.649077	-0.665173	1.091524	1	0.194094	0.304991	0.839206
1	1.145839	0.500122	2.246333	1	-0.308650	-0.576160	2.210526
h'5	1 7507 (0	0 107517	1 401007	h' ₆	0.151/02/	0 1 40 400	1 412077
6	-1.750768	-0.127517	1.401237	6	-2.151636	0.142439	1.4130/7
6	-2.483999	-1.333348	0.890794	6	-3.059529	-0.972180	0.987798
6	-3.363758	-1.233570	-0.100749	6	-3.711816	-0.926184	-0.169430
6	-3 596472	0 122526	-0 705767	6	-3 500717	0 269343	-1.055851
6	_2 312519	0.935219	-0 794382	6	-2.062866	0 767390	-1.006766
6	1 429425	0.955219	0.275454	0	-2.002000	0.707570	-1.000700
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6	-4.158729	-2.3/8/43	-0.624414	6	-4.66/025	-1.973575	-0.625619
6	-0.247267	1 686489	0 50/012	6			
6	0.001(42	1.000.00	0.304013	0	-0.169930	1.450996	0.567115
6	0.821643	0.748226	-0.193191	6	-0.169930 0.821342	1.450996 0.247501	0.567115 0.309309
	0.821643	0.748226	-0.193191 0.304251	6 6	-0.169930 0.821342 2.200326	1.450996 0.247501 0.521094	0.567115 0.309309 0.918078
6	0.821643 2.236865 3.241045	0.748226 1.057941	-0.193191 0.304251 0.520066	6 6	-0.169930 0.821342 2.200326 3.092137	1.450996 0.247501 0.521094 0.657249	0.567115 0.309309 0.918078 0.704416
6	0.821643 2.236865 3.241045	0.748226 1.057941 0.321630	-0.193191 0.304251 -0.520066	6 6 6	-0.169930 0.821342 2.200326 3.092137	1.450996 0.247501 0.521094 -0.657249	0.567115 0.309309 0.918078 0.704416
6 6	0.821643 2.236865 3.241045 3.915924	0.748226 1.057941 0.321630 -0.780780	-0.193191 0.304251 -0.520066 -0.179821	6 6 6	-0.169930 0.821342 2.200326 3.092137 4.100822	1.450996 0.247501 0.521094 -0.657249 -0.761373	0.567115 0.309309 0.918078 0.704416 -0.166547
6 6 6	0.821643 2.236865 3.241045 3.915924 4.908863	0.748226 1.057941 0.321630 -0.780780 -1.385383	-0.193191 0.304251 -0.520066 -0.179821 -1.121270	6 6 6 6 6	-0.169930 0.821342 2.200326 3.092137 4.100822 4.915206	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506
6 6 6 6	0.821643 2.236865 3.241045 3.915924 4.908863 -0.278403	0.748226 1.057941 0.321630 -0.780780 -1.385383 3.069964	-0.193191 0.304251 -0.520066 -0.179821 -1.121270 -0.119772	6 6 6 6 6	-0.169930 0.821342 2.200326 3.092137 4.100822 4.915206 0.176797	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141 2.665920	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506 -0.276025
6 6 6 6	0.821643 2.236865 3.241045 3.915924 4.908863 -0.278403 3.781431	0.748226 1.057941 0.321630 -0.780780 -1.385383 3.069964 -1.497096	-0.193191 0.304251 -0.520066 -0.179821 -1.121270 -0.119772 1.126053	6 6 6 6 6 6	-0.169930 0.821342 2.200326 3.092137 4.100822 4.915206 0.176797 4.530099	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141 2.665920 0.314074	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506 -0.276025 -1.112850
6 6 6 6 6	0.821643 2.236865 3.241045 3.915924 4.908863 -0.278403 3.781431 -2.282960	0.748226 1.057941 0.321630 -0.780780 -1.385383 3.069964 -1.497096 -2.272816	-0.193191 0.304251 -0.520066 -0.179821 -1.121270 -0.119772 1.126053 1.383454	6 6 6 6 6 6	-0.169930 0.821342 2.200326 3.092137 4.100822 4.915206 0.176797 4.530099 -3.182295	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141 2.665920 0.314074 -1.792783	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506 -0.276025 -1.112850 1.678641
6 6 6 6 6 1	0.821643 2.236865 3.241045 3.915924 4.908863 -0.278403 3.781431 -2.282960 2.042726	0.748226 1.057941 0.321630 -0.780780 -1.385383 3.069964 -1.497096 -2.272816	-0.193191 0.304251 -0.520066 -0.179821 -1.121270 -0.119772 1.126053 1.383454 0.087240	6 6 6 6 6 1	-0.169930 0.821342 2.200326 3.092137 4.100822 4.915206 0.176797 4.530099 -3.182295 4.775872	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141 2.665920 0.314074 -1.792783 2.766222	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506 -0.276025 -1.112850 1.678641 0.108200
6 6 6 6 6 1 1	0.821643 2.236865 3.241045 3.915924 4.908863 -0.278403 3.781431 -2.282960 -3.943736	0.748226 1.057941 0.321630 -0.780780 -1.385383 3.069964 -1.497096 -2.272816 -3.297408	-0.193191 -0.304251 -0.520066 -0.179821 -1.121270 -0.119772 1.126053 1.383454 -0.087249	6 6 6 6 6 1 1	-0.169930 0.821342 2.200326 3.092137 4.100822 4.915206 0.176797 4.530099 -3.182295 -4.775873	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141 2.665920 0.314074 -1.792783 -2.766322	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506 -0.276025 -1.112850 1.678641 0.108200
6 6 6 6 1 1 1	0.821643 2.236865 3.241045 3.915924 4.908863 -0.278403 3.781431 -2.282960 -3.943736 -5.225663	0.748226 1.057941 0.321630 -0.780780 -1.385383 3.069964 -1.497096 -2.272816 -3.297408 -2.173485	$\begin{array}{c} \text{-0.193191} \\ \text{-0.193191} \\ \text{-0.304251} \\ \text{-0.520066} \\ \text{-0.179821} \\ \text{-1.121270} \\ \text{-0.119772} \\ \text{1.126053} \\ \text{1.383454} \\ \text{-0.087249} \\ \text{-0.536775} \end{array}$	6 6 6 6 6 1 1 1	-0.169930 0.821342 2.200326 3.092137 4.100822 4.915206 0.176797 4.530099 -3.182295 -4.775873 -5.650146	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141 2.665920 0.314074 -1.792783 -2.766322 -1.539170	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506 -0.276025 -1.112850 1.678641 0.108200 -0.807363
6 6 6 6 1 1 1 1 1	0.821643 2.236865 3.241045 3.915924 4.908863 -0.278403 3.781431 -2.282960 -3.943736 -5.225663 -3.953703	0.748226 1.057941 0.321630 -0.780780 -1.385383 3.069964 -1.497096 -2.272816 -3.297408 -2.173485 -2.541015	-0.193191 -0.193191 -0.520066 -0.179821 -1.121270 -0.119772 1.126053 1.383454 -0.087249 -0.536775 -1.682383	6 6 6 6 6 1 1 1 1	-0.169930 0.821342 2.200326 3.092137 4.100822 4.915206 0.176797 4.530099 -3.182295 -4.775873 -5.650146 -4.337655	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141 2.665920 0.314074 -1.792783 -2.766322 -1.539170 -2.415680	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506 -0.276025 -1.112850 1.678641 0.108200 -0.807363 -1.565650
6 6 6 6 1 1 1 1 1 1	0.821643 2.236865 3.241045 3.915924 4.908863 -0.278403 3.781431 -2.282960 -3.943736 -5.225663 -3.953703 0.035212	0.748226 1.057941 0.321630 -0.780780 -1.385383 3.069964 -1.497096 -2.272816 -3.297408 -2.173485 -2.541015 1.733298	$\begin{array}{c} \text{-0.193191}\\ \text{-0.193191}\\ \text{-0.304251}\\ \text{-0.520066}\\ \text{-0.179821}\\ \text{-1.121270}\\ \text{-0.119772}\\ \text{1.126053}\\ \text{1.383454}\\ \text{-0.087249}\\ \text{-0.536775}\\ \text{-1.682383}\\ \text{1.557088} \end{array}$	6 6 6 6 6 1 1 1 1 1 1	-0.169930 0.821342 2.200326 3.092137 4.100822 4.915206 0.176797 4.530099 -3.182295 -4.775873 -5.650146 -4.337655 -0.092464	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141 2.665920 0.314074 -1.792783 -2.766322 -1.539170 -2.415680 1.675580	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506 -0.276025 -1.112850 1.678641 0.108200 -0.807363 -1.565650 1.632621
6 6 6 6 1 1 1 1 1 1 1	0.821643 2.236865 3.241045 3.915924 4.908863 -0.278403 3.781431 -2.282960 -3.943736 -5.225663 -3.953703 0.035212 -0.877786	0.748226 1.057941 0.321630 -0.780780 -1.385383 3.069964 -1.497096 -2.272816 -3.297408 -2.173485 -2.541015 1.733298 -0.361862	$\begin{array}{c} \text{-0.193191}\\ \text{-0.193191}\\ \text{-0.304251}\\ \text{-0.520066}\\ \text{-0.179821}\\ \text{-1.121270}\\ \text{-0.119772}\\ \text{1.126053}\\ \text{1.383454}\\ \text{-0.087249}\\ \text{-0.536775}\\ \text{-1.682383}\\ \text{1.557088}\\ \text{2.006901} \end{array}$	6 6 6 6 6 1 1 1 1 1 1 1 1	-0.169930 0.821342 2.200326 3.092137 4.100822 4.915206 0.176797 4.530099 -3.182295 -4.775873 -5.650146 -4.337655 -0.092464 -1.466166	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141 2.665920 0.314074 -1.792783 -2.766322 -1.539170 -2.415680 1.675580 -0.121351	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506 -0.276025 -1.112850 1.678641 0.108200 -0.807363 -1.565650 1.632621 2.216514
6 6 6 6 1 1 1 1 1 1 1 1	0.821643 2.236865 3.241045 3.915924 4.908863 -0.278403 3.781431 -2.282960 -3.943736 -5.225663 -3.953703 0.035212 -0.877786 -2.405146	0.748226 1.057941 0.321630 -0.780780 -1.385383 3.069964 -1.497096 -2.272816 -3.297408 -2.173485 -2.541015 1.733298 -0.361862 0.460849	-0.193191 -0.193191 -0.520066 -0.179821 -1.121270 -0.119772 1.126053 1.383454 -0.087249 -0.536775 -1.682383 1.557088 2.006901 2.076346	6 6 6 6 6 1 1 1 1 1 1 1 1	-0.169930 0.821342 2.200326 3.092137 4.100822 4.915206 0.176797 4.530099 -3.182295 -4.775873 -5.650146 -4.337655 -0.092464 -1.466166 -2 745735	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141 2.665920 0.314074 -1.792783 -2.766322 -1.539170 -2.415680 1.675580 -0.121351 0.981369	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506 -0.276025 -1.112850 1.678641 0.108200 -0.807363 -1.565650 1.632621 2.216514 1.831699
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6 6 6 6 1 1 1 1 1 1 1 1 1 1	0.821643 2.236865 3.241045 3.915924 4.908863 -0.278403 3.781431 -2.282960 -3.943736 -5.225663 -3.953703 0.035212 -0.877786 -2.405146 -1.057674	0.748226 1.057941 0.321630 -0.780780 -1.385383 3.069964 -1.497096 -2.272816 -3.297408 -2.173485 -2.541015 1.733298 -0.361862 0.460849 3.685967	-0.193191 -0.193191 -0.520066 -0.179821 -1.121270 -0.119772 1.126053 1.383454 -0.087249 -0.536775 -1.682383 1.557088 2.006901 2.076346 0.323609 0.054052	6 6 6 6 6 1 1 1 1 1 1 1 1 1	-0.169930 0.821342 2.200326 3.092137 4.100822 4.915206 0.176797 4.530099 -3.182295 -4.775873 -5.650146 -4.337655 -0.092464 -1.466166 -2.745735 -0.577686	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141 2.665920 0.314074 -1.792783 -2.766322 -1.539170 -2.415680 1.675580 -0.121351 0.981369 3.443780 2.098522	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506 -0.276025 -1.112850 1.678641 0.108200 -0.807363 -1.565650 1.632621 2.216514 1.831699 -0.180910
6 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1	0.821643 2.236865 3.241045 3.915924 4.908863 -0.278403 3.781431 -2.282960 -3.943736 -5.225663 -3.953703 0.035212 -0.877786 -2.405146 -1.057674 0.667992	0.748226 1.057941 0.321630 -0.780780 -1.385383 3.069964 -1.497096 -2.272816 -3.297408 -2.173485 -2.541015 1.733298 -0.361862 0.460849 3.685967 3.572166	-0.193191 -0.193191 0.304251 -0.520066 -0.179821 -1.121270 -0.119772 1.126053 1.383454 -0.087249 -0.536775 -1.682383 1.557088 2.006901 2.076346 0.323609 0.054952	6 6 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1	$\begin{array}{c} -0.169930\\ 0.821342\\ 2.200326\\ 3.092137\\ 4.100822\\ 4.915206\\ 0.176797\\ 4.530099\\ -3.182295\\ -4.775873\\ -5.650146\\ -4.337655\\ -0.092464\\ -1.466166\\ -2.745735\\ -0.577686\\ 1.117485\end{array}$	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141 2.665920 0.314074 -1.792783 -2.766322 -1.539170 -2.415680 1.675580 -0.121351 0.981369 3.443780 3.088532	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506 -0.276025 -1.112850 1.678641 0.108200 -0.807363 -1.565650 1.632621 2.216514 1.831699 -0.180910 0.062116
	0.821643 2.236865 3.241045 3.915924 4.908863 -0.278403 3.781431 -2.282960 -3.943736 -5.225663 -3.953703 0.035212 -0.877786 -2.405146 -1.057674 0.667992 -0.432988	0.748226 1.057941 0.321630 -0.780780 -1.385383 3.069964 -1.497096 -2.272816 -3.297408 -2.173485 -2.541015 1.733298 -0.361862 0.460849 3.685967 3.572166 3.030134	$\begin{array}{c} \text{-0.193191}\\ \text{-0.193191}\\ \text{-0.304251}\\ \text{-0.520066}\\ \text{-0.179821}\\ \text{-1.121270}\\ \text{-0.119772}\\ \text{1.126053}\\ \text{1.383454}\\ \text{-0.087249}\\ \text{-0.536775}\\ \text{-1.682383}\\ \text{1.557088}\\ \text{2.006901}\\ \text{2.076346}\\ \text{0.323609}\\ \text{0.054952}\\ \text{-1.195255} \end{array}$		$\begin{array}{c} -0.169930\\ 0.821342\\ 2.200326\\ 3.092137\\ 4.100822\\ 4.915206\\ 0.176797\\ 4.530099\\ -3.182295\\ -4.775873\\ -5.650146\\ -4.337655\\ -0.092464\\ -1.466166\\ -2.745735\\ -0.577686\\ 1.117485\\ 0.288968\end{array}$	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141 2.665920 0.314074 -1.792783 -2.766322 -1.539170 -2.415680 1.675580 -0.121351 0.981369 3.443780 3.088532 2.414456	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506 -0.276025 -1.112850 1.678641 0.108200 -0.807363 -1.565650 1.632621 2.216514 1.831699 -0.180910 0.062116 -1.328140
$ \begin{array}{c} 6 \\ 6 \\ 6 \\ 6 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	0.821643 2.236865 3.241045 3.915924 4.908863 -0.278403 3.781431 -2.282960 -3.943736 -5.225663 -3.953703 0.035212 -0.877786 -2.405146 -1.057674 0.667992 -0.432988 0.746224	0.748226 1.057941 0.321630 -0.780780 -1.385383 3.069964 -1.497096 -2.272816 -3.297408 -2.173485 -2.541015 1.733298 -0.361862 0.460849 3.685967 3.572166 3.030134 0.909593	-0.193191 -0.193191 0.304251 -0.520066 -0.179821 -1.121270 -0.119772 1.126053 1.383454 -0.087249 -0.536775 -1.682383 1.557088 2.006901 2.076346 0.323609 0.054952 -1.195255 -1.268069		$\begin{array}{c} -0.169930\\ 0.821342\\ 2.200326\\ 3.092137\\ 4.100822\\ 4.915206\\ 0.176797\\ 4.530099\\ -3.182295\\ -4.775873\\ -5.650146\\ -4.337655\\ -0.092464\\ -1.466166\\ -2.745735\\ -0.577686\\ 1.117485\\ 0.288968\\ 0.911260\end{array}$	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141 2.665920 0.314074 -1.792783 -2.766322 -1.539170 -2.415680 1.675580 -0.121351 0.981369 3.443780 3.088532 2.414456 0.101342	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506 -0.276025 -1.112850 1.678641 0.108200 -0.807363 -1.565650 1.632621 2.216514 1.831699 -0.180910 0.062116 -1.328140 -0.766247
$ \begin{array}{c} 6 \\ 6 \\ 6 \\ 6 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	0.821643 2.236865 3.241045 3.915924 4.908863 -0.278403 3.781431 -2.282960 -3.943736 -5.225663 -3.953703 0.035212 -0.877786 -2.405146 -1.057674 0.667992 -0.432988 0.746224 0.619669	0.748226 1.057941 0.321630 -0.780780 -1.385383 3.069964 -1.497096 -2.272816 -3.297408 -2.173485 -2.541015 1.733298 -0.361862 0.460849 3.685967 3.572166 3.030134 0.909593 -0.307718	-0.193191 -0.193191 -0.520066 -0.179821 -1.121270 -0.119772 1.126053 1.383454 -0.087249 -0.536775 -1.682383 1.557088 2.006901 2.076346 0.323609 0.054952 -1.195255 -1.268069 -0.013454		$\begin{array}{c} -0.169930\\ 0.821342\\ 2.200326\\ 3.092137\\ 4.100822\\ 4.915206\\ 0.176797\\ 4.530099\\ -3.182295\\ -4.775873\\ -5.650146\\ -4.337655\\ -0.092464\\ -1.466166\\ -2.745735\\ -0.577686\\ 1.117485\\ 0.288968\\ 0.911260\\ 0.432400\\ \end{array}$	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141 2.665920 0.314074 -1.792783 -2.766322 -1.539170 -2.415680 1.675580 -0.121351 0.981369 3.443780 3.088532 2.414456 0.101342 -0.679420	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506 -0.276025 -1.112850 1.678641 0.108200 -0.807363 -1.565650 1.632621 2.216514 1.831699 -0.180910 0.062116 -1.328140 -0.766247 0.731215
$ \begin{array}{c} 6 \\ 6 \\ 6 \\ 6 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	0.821643 2.236865 3.241045 3.915924 4.908863 -0.278403 3.781431 -2.282960 -3.943736 -5.225663 -3.953703 0.035212 -0.877786 -2.405146 -1.057674 0.667992 -0.432988 0.746224 0.619669 2.421389	0.748226 1.057941 0.321630 -0.780780 -1.385383 3.069964 -1.497096 -2.272816 -3.297408 -2.173485 -2.541015 1.733298 -0.361862 0.460849 3.685967 3.572166 3.030134 0.909593 -0.307718 2.129129	-0.193191 -0.193191 0.304251 -0.520066 -0.179821 -1.121270 -0.119772 1.126053 1.383454 -0.087249 -0.536775 -1.682383 1.557088 2.006901 2.076346 0.323609 0.054952 -1.195255 -1.268069 -0.013454 0.226664		$\begin{array}{c} -0.169930\\ 0.821342\\ 2.200326\\ 3.092137\\ 4.100822\\ 4.915206\\ 0.176797\\ 4.530099\\ -3.182295\\ -4.775873\\ -5.650146\\ -4.337655\\ -0.092464\\ -1.466166\\ -2.745735\\ -0.577686\\ 1.117485\\ 0.288968\\ 0.911260\\ 0.432400\\ 2.624144\end{array}$	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141 2.665920 0.314074 -1.792783 -2.766322 -1.539170 -2.415680 1.675580 -0.121351 0.981369 3.443780 3.088532 2.414456 0.101342 -0.679420 1.422408	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506 -0.276025 -1.112850 1.678641 0.108200 -0.807363 -1.565650 1.632621 2.216514 1.831699 -0.180910 0.062116 -1.328140 -0.766247 0.731215 0.484576
$ \begin{array}{c} 6 \\ 6 \\ 6 \\ 6 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	0.821643 2.236865 3.241045 3.915924 4.908863 -0.278403 3.781431 -2.282960 -3.943736 -5.225663 -3.953703 0.035212 -0.877786 -2.405146 -1.057674 0.667992 -0.432988 0.746224 0.619669 2.421389 2.312045	0.748226 1.057941 0.321630 -0.780780 -1.385383 3.069964 -1.497096 -2.272816 -3.297408 -2.173485 -2.541015 1.733298 -0.361862 0.460849 3.685967 3.572166 3.030134 0.909593 -0.307718 2.129129 0.800674	-0.193191 -0.193191 0.304251 -0.520066 -0.179821 -1.121270 -0.119772 1.126053 1.383454 -0.087249 -0.536775 -1.682383 1.557088 2.006901 2.076346 0.323609 0.054952 -1.195255 -1.268069 -0.013454 0.226664 1.358644		$\begin{array}{c} -0.169930\\ 0.821342\\ 2.200326\\ 3.092137\\ 4.100822\\ 4.915206\\ 0.176797\\ 4.530099\\ -3.182295\\ -4.775873\\ -5.650146\\ -4.337655\\ -0.092464\\ -1.466166\\ -2.745735\\ -0.577686\\ 1.117485\\ 0.288968\\ 0.911260\\ 0.432400\\ 2.624144\\ 2.084524\end{array}$	1.450996 0.247501 0.521094 -0.657249 -0.761373 -2.014141 2.665920 0.314074 -1.792783 -2.766322 -1.539170 -2.415680 1.675580 -0.121351 0.981369 3.443780 3.088532 2.414456 0.101342 -0.679420 1.422408 0.705949	0.567115 0.309309 0.918078 0.704416 -0.166547 -0.239506 -0.276025 -1.112850 1.678641 0.108200 -0.807363 -1.565650 1.632621 2.216514 1.831699 -0.180910 0.062116 -1.328140 -0.766247 0.731215 0.484576 1.987315

1	2 420822	0 745149	1 400622	1	2 882006	1 512552	1 225140
1	5.429652	0.743148	-1.499022	1	2.882090	-1.313332	1.555140
1	4.977334	-0.832589	-2.053832	1	4.5/5/3/	-2./64916	0.468405
1	4.643603	-2.417497	-1.351593	1	5.964044	-1.800427	-0.033268
1	5.899396	-1.411732	-0.666910	1	4.875377	-2.442504	-1.241276
1	3.511726	-2.539592	0.956143	1	5.557607	0.611110	-0.902513
1	4 737480	-1 508024	1 649474	1	4 521465	-0 061474	-2 136085
1	3 042407	-1.062606	1 792214	1	3 911312	1 205140	-1 077470
1	1.076256	-1.002000	1.792214	1	2 755222	0.026752	-1.0//4/0
1	-4.020550	0.055708	-1./00/10	1	-3./33233	0.030732	-2.08/080
1	-4.330616	0.66/204	-0.10/04/	1	-4.1/5381	1.0/3//8	-0./52919
1	-1.674578	0.542950	-1.602929	1	-1.406895	0.050724	-1.530132
1	-2.485642	1.975088	-1.073881	1	-1.916090	1.706474	-1.539410
h'-				h's			
6	1 834520	0 185200	1 533180	п ş 6	1 486482	0 858268	0.056083
0	-1.034329	0.165209	1.333160	0	1.400402	-0.838208	-0.930083
6	-1.835/2/	-1.265806	1.111404	6	2./53424	-1.353385	-0.315241
6	-2.407577	-1.634049	-0.030624	6	3.742886	-0.515997	-0.021082
6	-3.020807	-0.552779	-0.876612	6	3.555519	0.938619	-0.350343
6	-2.155321	0.697875	-0.885649	6	2.129527	1.406648	-0.090944
6	-1.533444	1.043775	0.386844	6	1.075086	0.456628	-0.454131
6	-2.502941	-3.043730	-0.500560	6	5.040135	-0.939753	0.575184
6	-0.612335	2 161174	0 520042	6	-0 325844	0.758010	-0 264948
6	0.835587	1 5260/3	0.628156	6	-0 483249	0.750010	1 176111
6	1.220000	0.717125	0.028130	0	-0.403249	0.099389	1.170111
0	1.320090	0./1/125	-0.30/19/	0	-1./089/0	-0.809/39	1.250019
6	2./911/4	0.463672	-0.451802	6	-2.988179	-0.108564	0.941190
6	3.395549	-0.682071	-0.129847	6	-3.871991	-0.398109	-0.018874
6	4.888459	-0.762394	-0.063363	6	-5.136212	0.392604	-0.150548
6	-0.690170	3.244367	-0.540350	6	-0.756734	2.210177	-0.294278
6	2.692284	-1.967344	0.174196	6	-3.737786	-1.512356	-1.008901
1	-1.368427	-1.970768	1.782457	1	2.825175	-2.414077	-0.126086
1	-2.057656	-3 735665	0 207708	1	5 080872	-2.013686	0 729319
1	-3 545701	-3 326604	-0 643846	1	5 868287	-0.656794	-0 074584
1	2 007120	3 165301	1 462412	1	5 206485	0.030774	1 532566
1	-2.00/129	-5.105591	-1.403413	1	0.024096	-0.440303	0.020070
1	-0.//4093	2.580414	1.514/19	1	-0.934980	0.155550	-0.939070
l	-1.194136	0.394/9/	2.384615	l	0.66/309	-1.5/2426	-0.919398
1	-2.854778	0.486745	1.830756	1	1.650845	-0.661436	-2.032323
1	-1.673545	3.709523	-0.562707	1	-0.602302	2.646431	-1.279159
1	0.031358	4.022951	-0.308929	1	-1.817250	2.267708	-0.069581
1	-0.463170	2.876802	-1.537440	1	-0.228042	2.812664	0.440651
1	0 902026	0 924160	1 530987	1	-0 548127	0 933165	1 874210
1	1 481751	2 390523	0 780813	1	0.393716	-0.478719	1 478893
1	0 772206	0.221007	0.636353	1	1 557882	1 673866	0.606003
1	0.772200 1 124101	-0.221997	-0.030333	1	-1.557662	-1.073800	0.000003
1	1.134181	1.264547	-1.493459	1	-1./39259	-1.19/118	2.2/121/
l	3.417914	1.325355	-0.650667	l	-3.230/44	0.710251	1.610467
1	5.359383	0.188999	-0.293687	1	-5.200169	1.189354	0.585268
1	5.263818	-1.507150	-0.765407	1	-6.004698	-0.254181	-0.025241
1	5.214614	-1.075139	0.928685	1	-5.217942	0.832931	-1.144593
1	2.990642	-2.737020	-0.537845	1	-4.552339	-2.225000	-0.879489
1	2 983547	-2 330076	1 160061	1	-3 824852	-1 129539	-2 025889
1	1 609029	-1 892244	0 151247	1	-2 806060	-2 064264	-0.931580
1	2 175/68	0.800552	1 202112	1	4 241030	1 550110	0.220500
1	-3.173408	-0.890332	-1.090113	1	4.241939	1.339110	0.220300
1	-4.011995	-0.3100/3	-0.484611	1	3.803603	1.102065	-1.401395
1	-1.327167	0.612454	-1.601606	1	1.972725	1.621186	0.974283
1	-2.088337	1.38/004	-1.24080/	1	1.90/125	2.300034	-0.3/////
h'.				h!			
н 9 6	1.045025	0.044220	1 442720	ш ₁₀	1 470107	1 020255	0 779515
0	-1.945925	-0.044329	1.445/20	6	1.4/219/	1.039355	0.//8515
6	-3.035816	-0.924706	0.896933	6	2.880512	1.416345	0.461433
6	-3.805033	-0.513616	-0.106276	6	3.728347	0.605203	-0.165277

6	-3.553197	0.857525	-0.668690	6	3.277187	-0.742607	-0.646162
6	-2.067012	1.185487	-0.739170	6	1.762680	-0.827048	-0.844330
6	-1.262481	0.717199	0.392703	6	0.988080	-0.222508	0.232748
6	-4.926695	-1.311146	-0.675314	6	5.158327	0.952684	-0.403595
6	0.166480	0.925135	0.455093	6	-0.228026	-0.823561	0.768563
6	0 576379	-0 449261	-0 238797	6	-1 182514	-1 456845	-0 241872
6	1 709356	-1 155736	0 507384	6	-1 823171	-0.456621	-1 205594
6	2 050140	0.330013	0.507504	6	2 553820	0.664740	0 527453
6	2.930140	-0.339013	0.077803	0	-2.333629	0.004749	-0.327433
0	4.04///9	-0.381452	-0.083472	0	-3.840275	0.070770	-0.108/54
6	5.234406	0.470537	0.240132	6	-4.447933	1.8/805/	0.484133
6	0.754511	2.130275	-0.250147	6	0.349473	-1.893906	1.744087
6	4.220679	-1.259092	-1.282130	6	-4.786641	-0.460789	-0.388082
1	-3.169746	-1.888215	1.365675	1	3.203613	2.385675	0.811397
1	-5.042183	-2.263566	-0.167135	1	5.416929	1.912286	0.033052
1	-5.865027	-0.763058	-0.590219	1	5.813316	0.194498	0.025842
1	-4.767245	-1.502054	-1.736349	1	5.374341	0.990332	-1.470947
1	0.501821	0.864993	1.489826	1	-0.762209	-0.085624	1.366783
1	-1 238189	-0 568151	2.081395	1	0 749677	1 760905	0 353162
1	_2 377252	0.753186	2.001395	1	1 238866	1 087009	1 846907
1	0 453207	3 055345	0.237140	1	1.033037	1.007007	2 470310
1	1 827704	2.055545	0.237140	1	0.501159	-1.4/8182	2.479310
1	1.857794	2.007370	-0.213/43	1	-0.301138	-2.309/07	2.278321
1	0.462264	2.1/5908	-1.296448	1	0.84463/	-2.698392	1.20/162
1	0.860959	-0.188460	-1.256992	l	-1.965709	-1.93/384	0.343329
1	-0.262651	-1.146409	-0.323108	1	-0.682/45	-2.252435	-0./95046
1	1.342282	-1.470544	1.485895	1	-1.061275	-0.038271	-1.868121
1	1.915021	-2.073869	-0.040355	1	-2.492085	-1.012211	-1.859761
1	2.965247	0.330002	1.531113	1	-1.981123	1.565066	-0.330234
1	5.066913	1.091811	1.115710	1	-3.726219	2.678629	0.623345
1	5.488433	1.117492	-0.599789	1	-4.868783	1.620835	1.456268
1	6.109443	-0.151663	0.428342	1	-5.270163	2.263971	-0.118473
1	4.452288	-0.655224	-2.159664	1	-5.205360	-0.792678	0.562236
1	5.068040	-1.929209	-1.137822	1	-5.629135	-0.136263	-0.998669
1	3.350417	-1.865000	-1.513798	1	-4.333093	-1.319887	-0.872497
1	-3 986429	0.958400	-1 660727	1	3 750226	-0 978048	-1 597532
1	-4.058416	1 597625	-0.043400	1	3 608416	-1 515918	0.050055
1	1 606480	0.748425	1 633838	1	1 400072	0 175755	1 6050033
1	-1.000409	0.746423	-1.055628	1	1.499972	1 924049	-1.093992
1	-1.002011	2.237830	-0.855007	1	1.410045	-1.024040	-1.100272
h' ₁₁				h' ₁₂			
6	-0.887741	-0.456103	1.151028	6	-0.632445	-1.443912	-1.133262
6	-2.122719	-1.259103	0.917414	6	-1.905905	-0.655127	-1.210915
6	-3.045618	-0.926361	0.018732	6	-2.612906	-0.396242	-0.117333
6	-2.846080	0 268060	-0.868095	6	-2 100178	-0.919645	1 193563
6	-1 371411	0.646107	-1 025959	6	-0.578011	-0.890000	1 308163
6	-0.630067	0.630/00	0.229939	6	0.176200	-1 150762	0.066727
6	-0.030007	1 675241	0.229071	0	2 010787	-1.130702	0.119275
0	-4.525520	-1.0/3341	-0.149303	0	-5.910/6/	0.554055	-0.116575
0	0.342071	1.008127	0.384498	6	1.003823	-1.339/33	0.11038/
6	1.27/120	2.133619	-0.532404	6	2.42/943	-1.015120	-1.0680/4
6	2.115275	1.016374	-1.152623	6	2.509011	0.50/283	-1.031746
6	2.841731	0.196528	-0.133671	6	1.148093	1.110155	-0.979845
6	2.922132	-1.134777	-0.049355	6	0.655306	1.955602	-0.048286
6	3.752962	-1.784201	1.014384	6	-0.684040	2.589803	-0.220582
6	-0.558403	2.833507	1.086481	6	2.302165	-1.320748	1.450861
6	2.271738	-2.096712	-0.995535	6	1.381273	2.382686	1.182269
1	-2.263525	-2.116459	1.559016	1	-2.233561	-0.338546	-2.190212
1	-4.414486	-2.482108	0.571084	1	-4.214296	0.616494	-1.122289
1	-5.176984	-1.008722	-0.024682	1	-4.697964	-0.283909	0.312983
1	-4.395871	-2.098238	-1.151190	1	-3.851429	1.236669	0.491010
1	0.928034	1.314046	1.431675	1	1.518748	-2.627641	-0.046992
				-			

1	0.034514	-1.055921	1.021146	1	-0.053053	-1.408143	-2.048531
1	-0.783764	-0.103037	2.181831	1	-0.876606	-2.512529	-0.986823
1	-1 209388	2 541531	1 906568	1	1 874604	-1 923223	2 248034
1	0.111427	2.6 11001	1.500200	1	2 246614	1.606657	1 262406
1	0.111437	3.008341	1.431/49	1	5.540014	-1.000037	1.302400
I	-1.159443	3.252598	0.283875	I	2.269655	-0.280415	1.762257
1	1.934414	2.874928	-0.077609	1	1.994344	-1.345217	-2.009689
1	0.721604	2.662600	-1.306264	1	3.421258	-1.456316	-1.020705
1	1 493691	0 388918	_1 790447	1	3 123934	0 829239	-0 196142
1	2.02(102	1.40(210	1.024441	1	3.123734	0.027237	1 025070
1	2.836193	1.486318	-1.824441	1	3.018418	0.845581	-1.935070
1	3.406195	0.771870	0.593851	1	0.533939	0.956105	-1.860074
1	4.202237	-1.055963	1.683849	1	-1.200417	2.237607	-1.106716
1	4 555687	-2 369990	0 566069	1	-0 566754	3 671764	-0 292439
1	2 150279	2.307770	1 600197	1	1 217904	2 400008	0.640117
1	5.139578	-2.4/9439	1.009187	1	-1.51/604	2.409996	0.049117
I	3.034488	-2.655112	-1.538615	I	1.449/35	3.4/02/5	1.204817
1	1.684678	-2.839272	-0.453199	1	0.816443	2.107379	2.076465
1	1.633250	-1.624556	-1.736465	1	2.385301	1.984465	1.271113
1	-3 244879	0.068054	-1 860720	1	-2 527836	-0.365189	2 025935
1	2.415465	1 1 1 7 2 9 2	0.494420	1	2.527050	1 049459	1 21 4277
1	-3.413403	1.11/282	-0.484430	1	-2.448831	-1.948438	1.3143//
1	-0.879244	-0.168258	-1.583678	1	-0.220479	0.058331	1.714773
1	-1.217547	1.555790	-1.598156	1	-0.233242	-1.620780	2.045090
b !				b !			
II 19	1 5 (10 0 5	1 0000 45	0.01(5(5	II 20	1 402000	1 001010	0.055051
6	1.564807	1.288945	0.016/65	6	1.492988	-1.021319	-0.85/951
6	3.040794	1.508374	0.011618	6	2.898745	-1.402825	-0.528085
6	3.926707	0.516197	0.007687	6	3.757619	-0.587601	0.077357
6	3 472388	-0.912762	-0.044366	6	3 363600	0.816229	0 429283
6	2 061033	1 072303	0.610166	6	2 176000	1 330781	0.380130
0	2.001033	-1.072303	-0.010100	0	2.170909	0.254024	-0.569150
6	1.102530	-0.086670	-0.12/242	6	1.102822	0.354024	-0.550576
6	5.398360	0.742077	0.084178	6	5.134905	-1.006777	0.466536
6	-0.280057	-0.421576	0.184107	6	-0.299145	0.695817	-0.431645
6	-0.953373	-1.429288	-0.752796	6	-0.506992	0.502126	1.119071
6	-2 469751	-1 469264	-0 553187	6	-2 003893	0 472236	1 457475
6	2.109731	0 164409	0.869211	6	2.005095	0.669904	0.926109
0	-3.128430	-0.104498	-0.808211	0	-2./24384	-0.008894	0.820108
6	-3.93/460	0.562041	-0.092286	6	-3.823646	-0.628628	0.068262
6	-4.547893	1.830404	-0.603544	6	-4.440047	-1.892392	-0.447244
6	-0.161203	-0.969898	1.638241	6	-0.710179	2.083147	-0.896170
6	-4 349054	0 198253	1 300009	6	-4 567880	0.615005	-0 305892
1	3 368084	2 536845	0.053337	1	3 186300	2 412083	0.780260
1	5.508084	2.330843	0.033337	1	5.160399	-2.412963	-0.780200
1	5.638/01	1./9564/	0.18/056	1	5.31/368	-2.051523	0.234966
1	5.823454	0.210183	0.935442	1	5.882527	-0.404486	-0.048871
1	5.894973	0.360950	-0.807684	1	5.292738	-0.861681	1.535335
1	-0.876132	0 491365	0 227475	1	4 200667	1 491788	0 262995
1	1 075265	1 789261	-0.839035	1	3 138166	0 880860	1 495807
1	1.075205	1.769201	0.057055	1	1.012076	0.000000	0.049162
1	1.039193	1./32430	0.809938	1	1.8139/0	2.293029	-0.048102
I	0.302043	-0.262692	2.321339	1	2.519848	1.4/4168	-1.42/3/6
1	-1.174379	-1.148607	1.987306	1	-0.912875	-0.075121	-0.902936
1	0.384523	-1.909351	1.668133	1	0.750984	-1.718829	-0.462420
1	-0 539689	-2 425775	-0.601832	1	1 315275	-1 070144	-1 948113
1	0.559009	1 1 1 0 0 9 9	1 797610	1	0.401082	2 264506	1.022154
1	-0.746676	-1.149900	-1.787010	1	-0.401965	2.204300	-1.923134
1	-2.8561/4	-2.239771	-1.222804	1	-1./92190	2.161153	-0.86/2//
1	-2.708965	-1.807819	0.452319	1	-0.306246	2.872818	-0.267305
1	-2.942849	0.204330	-1.872600	1	-0.016130	1.316682	1.649875
1	-4.223388	2.062171	-1.614364	1	-0.057632	-0.431977	1.456551
1	_1 207222	2 672640	0.042050	1	2 050112	0 380002	2 545252
1	-4.27/332	2.072049	0.0+2000	1	-2.030112	1 420120	1.015002
1	-3.633307	1./5585/	-0.000981	1	-2.456863	1.429130	1.215202
1	-4.124372	1.011940	1.990084	1	-2.314077	-1.648451	1.052085
1	-5.428174	0.049947	1.342304	1	-3.869606	-2.772195	-0.162460
1	-3.881547	-0.706658	1.675335	1	-4.521478	-1.869453	-1.534161
1	4.149130	-1.497998	-0.663930	1	-5.453652	-2.007061	-0.062933
			•				

1	3.525753 -1.354635 0.952815	1	-4.661929	0.691651	-1.389267
1	2.096141 -0.822375 -1.686064	1	-5.583541	0.571549	0.087414
1	1.683780 -2.088093 -0.546893	1	-4.114975	1.528985	0.064718
$IS(a-b)_1$	0.251209 0.050229 0.272220	1 S(b-c) ₁	0.005545	0 10//5/	0.225010
6	-0.351208 -0.050238 -0.2/2339	6	0.995545	0.180054	-0.325810
6	-2.990072 0.308021 -0.108908	0	2.283022	0.44/931	0.824080
6	-2.791802 0.432004 $1.3733191.676481 0.516244 1.810570$	6	3.477833	0.409101	-0.103841
6	-1.070481 -0.310244 $1.8193790.062886 1.106405 0.614842$	0	3.090408	-0.307712	-1.334104
6	-2.010855 - 1.758374 - 0.284139	6	1.724387	-1.030940	-0.923213
6	-2.010855 -1.758574 -0.284157	0	2 003470	-1.888344	1 3/8031
1	-2.082233 -0.332840 -0.882082	1	2.003479	-0.824378	2 38/215
6	-3 627371 1 738381 -0 660290	6	2 200789	1 648462	1 723070
1	-3.701362 1.671736 -1.731552	1	1 353032	1 595540	2 403628
1	-4 588007 1 917796 -0 177087	1	3 108089	1 739712	2 318320
1	-3 011587 2 614686 -0 452993	1	2 110208	2 557926	1 135765
1	-3 741731 0 148079 1 818780	1	4 362891	0.066743	0 364874
1	-2.617728 1.460069 1.752655	1	3 679718	1 430404	-0.476926
1	-0.978425 -0.015949 2.487386	1	3 035583	0.040945	-2.270019
1	-2.093162 -1.342485 2.389968	1	3 804778	-1 313188	-1 482194
1	-0.175555 -1.793337 0.939459	1	1.188293	-1.542541	-1.723958
1	-1.571703 -2.390423 -1.049512	1	1.076017	-2.554093	0.559919
1	-2.694045 -2.388348 0.284996	1	2.803242	-2.517946	0.340589
6	0.020863 1.267545 0.227054	6	0.932248	1.427315	-1.189050
1	1.107860 1.161709 0.419320	1	0.406588	1.159189	-2.106071
1	-0.042034 2.030055 -0.544996	1	0.363235	2.215583	-0.703517
1	-0.469690 1.583616 1.136645	1	1.897220	1.825077	-1.479547
6	0.275441 -0.435840 -1.548234	6	-0.376363	-0.070801	0.300578
1	0.320735 0.410160 -2.229415	1	-0.631704	0.776859	0.937251
1	-0.246334 -1.250700 -2.034411	1	-0.370684	-0.941421	0.957636
6	1.745294 -0.926743 -1.275906	6	-1.500796	-0.270012	-0.720598
1	1.736138 -1.722741 -0.536404	1	-1.669230	0.647315	-1.277067
1	2.033666 -1.391315 -2.219380	1	-1.197052	-1.025025	-1.450510
6	2.723635 0.143593 -0.949221	6	-2.759161	-0.720658	-0.049194
1	2.829333 0.911618 -1.707871	1	-2.707607	-1.704393	0.405875
6	3.531772 0.216481 0.117612	6	-3.917790	-0.064408	0.040530
6	4.534421 1.320299 0.235749	6	-5.088332	-0.680512	0.741574
1	4.482503 2.015247 -0.597410	1	-4.855309	-1.664127	1.140108
1	5.543750 0.910400 0.272792	1	-5.933293	-0.781335	0.060153
1	4.392542 1.877011 1.162146	1	-5.423836	-0.047655	1.563393
6	3.558179 -0.768991 1.242090	6	-4.186329	1.291447	-0.532341
1	4.517239 -1.286871 1.258268	1	-4.982682	1.234323	-1.274561
1	3.472402 -0.254793 2.199163	1	-4.538835	1.966351	0.247561
1	2.779917 -1.523772 1.189217	1	-3.323594	1.749170	-1.005972
TS(c-d).		TS(d_c1).			
6	-0.879751 0.189809 0.370800	6	-0 925197	-0 239547	0 162907
6	-1 864894 0 970768 -0 249266	ő	-2 118714	-0.871065	-0 221411
6	-3 649744 -0 821193 0 139138	6	-2 979920	1 146292	-1 164426
6	-2.566726 -1.687166 0.820171	6	-1.673644	1.853069	-0.737920
6	-1.278786 -1.264316 0.095211	6	-1.323831	1.157982	0.601662
6	-1.817883 -1.068782 -1.333335	6	-2.723744	0.957594	1.174930
6	-2.846362 -0.011990 -0.891305	6	-3.224871	0.138952	-0.010366
1	-3.451450 0.456473 -1.661075	1	-4.227134	-0.274067	0.036937
6	-1.764070 2.377671 -0.726417	6	-1.433744	-1.492766	1.336590
1	-1.605263 2.340988 -1.803730	1	-2.438712	-1.735385	1.669481
1	-2.690181 2.921422 -0.556477	1	-0.875574	-2.383827	1.089396
1	-0.938217 2.922057 -0.280294	1	-0.968852	-0.944127	2.150429

1	-4.370682	-1.437158	-0.391607
1	-4.224764	-0.208602	0.829098
1	-2.524745	-1.572861	1.900362
1	-2.735533	-2.744449	0.634387
1	-0.450008	-1.951323	0.230604
1	-1.073930	-0.688828	-2.031501
1	-2.271460	-1.963477	-1.753585
6	-1.907599	1.041669	1.550799
1	-1.749186	0.240768	2.266683
1	-1.393326	1.945377	1.840733
1	-2.983257	1.183562	1.509397
6	0.539190	0.561395	0.673538
1	0.875848	0.021704	1.557660
1	0.623978	1.624091	0.892305
6	1.461903	0.221624	-0.508244
1	1.415282	-0.842692	-0.724500
1	1.098501	0.739190	-1.399133
6	2.864573	0.653538	-0.224801
1	3.007287	1.726759	-0.163292
6	3.936180	-0.123009	-0.051183
6	5.278626	0.484850	0.210876
1	5.236981	1.569889	0.244432
1	5.987815	0.194648	-0.564421
1	5.685819	0.127576	1.156848
6	3.936317	-1.617952	-0.106186
1	4.602299	-1.964417	-0.896375
1	4.324282	-2.027629	0.826373
1	2.958064	-2.054572	-0.281673

TS(a1-b1)1

6	-0.330262	-0.052118	0.397352
6	-2.998104	-0.412897	0.097379
6	-2.837440	0.250513	-1.237677
6	-1.655573	1.242646	-1.308520
6	-0.906480	1.286233	0.012613
6	-1.917933	1.560942	1.124381
6	-2.615963	0.232114	1.220646
1	-2.832350	-0.199222	2.188743
6	-3.662969	-1.743847	0.124261
1	-3.781842	-2.123624	1.134495
1	-4.649351	-1.680608	-0.335887
1	-3.097750	-2.471073	-0.460242
1	-3.770450	0.777648	-1.446034
1	-2.765322	-0.508894	-2.015856
1	-0.992794	0.983153	-2.131368
1	-2.014092	2.247092	-1.518463
1	-0.092722	2.017371	-0.028357
1	-1.448174	1.832363	2.063733
1	-2.589676	2.377866	0.862004
6	0.312297	-0.226313	1.700794
1	0.071064	0.519431	2.445960
1	0.178224	-1.230680	2.093459
1	1.389359	-0.159324	1.458051
6	0.005916	-1.064975	-0.608117
1	-0.728669	-1.113366	-1.402982
1	0.113193	-2.048579	-0.157866
6	1.382597	-0.669232	-1.266263
1	1.422065	-1.287186	-2.163695
1	1.349020	0.361881	-1.607885

-3.816320	1.838337	-1.211960
-2.906624	0.669802	-2.138819
-0.884187	1.772768	-1.480612
-1.832512	2.912501	-0.555743
-0.597416	1.679371	1.214631
-2.761216	0.448584	2.133647
-3.259689	1.897320	1.275180
-2.288059	-2.041373	-1.124699
-2.594700	-1.666486	-2.099900
-1.377668	-2.615761	-1.258067
-3.078919	-2.697423	-0.769797
0.462121	-0.572641	-0.289971
0.656000	0.073442	-1.148370
0.505673	-1.591809	-0.670351
1.564214	-0.349755	0.747339
1.557140	0.686350	1.076684
1.360430	-0.959093	1.631375
2.902711	-0.729882	0.198815
3.033407	-1.789643	0.008908
3.931837	0.075949	-0.070186
5.212234	-0.480986	-0.609646
5.167448	-1.558734	-0.739001
6.041351	-0.252469	0.060139
5.454067	-0.029390	-1.571853
3.941682	1.558278	0.132906
4.721034	1.834984	0.842886
4.182590	2.063371	-0.802440
3.001934	1.960784	0.498066

TS(b	1-c1	۱
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(b1-c1) ₁			
6	-1.021104	0.498896	-0.176693
6	-2.206662	-0.086694	0.938401
6	-2.167901	-1.592294	0.551121
6	-1.763492	-1.681378	-0.926314
6	-1.706603	-0.223817	-1.359927
6	-3.116627	0.357196	-1.250564
6	-3.194381	0.591296	0.201002
1	-3.845918	1.344788	0.634921
6	-2.036092	0.233546	2.396977
1	-2.813444	-0.251148	2.984713
1	-1.080631	-0.136343	2.758901
1	-2.083454	1.302582	2.590094
1	-3.141197	-2.033329	0.751709
1	-1.462033	-2.083199	1.215338
1	-0.797762	-2.165028	-1.044341
1	-2.476694	-2.249470	-1.517558
1	-1.241881	-0.060722	-2.327545
1	-3.264894	1.291049	-1.791427
1	-3.922930	-0.304934	-1.584816
6	-0.928940	2.015019	-0.284439
1	-1.818227	2.506932	-0.669158
1	-0.699061	2.451537	0.684959
1	-0.112741	2.273586	-0.953763
6	0.320999	-0.046271	0.296157
1	0.238691	-1.067318	0.657439
1	0.675354	0.552437	1.133548
6	1.395738	-0.026405	-0.808001
1	1.028780	-0.563982	-1.683782
1	1.596424	0.991902	-1.128363

6	2.576522	-0.952882	-0.427182	6	2.643736	-0.688294	-0.318968
1	2.685041	-1.988957	-0.125296	1	2.581296	-1.766390	-0.219915
6	3.553912	-0.104721	-0.079516	6	3.800687	-0.104981	0.004445
6	4.738566	-0.591095	0.693614	6	4.963554	-0.926682	0.465261
1	4.664553	-1.646575	0.938895	1	4.727313	-1.986560	0.499960
1	4.857022	-0.026804	1.618663	1	5.287367	-0.614314	1.458352
1	5.652405	-0.439302	0.119206	1	5.816979	-0.789379	-0.198969
6	3.599263	1.346728	-0.436198	6	4.069607	1.364776	-0.065244
1	3.750905	1.952020	0.457369	1	4.402740	1.731830	0.905555
1	4.452700	1.541660	-1.085639	1	4.879815	1.566510	-0.766100
1	2.711544	1.707132	-0.946414	1	3.210990	1.955480	-0.369037
$TS(a-h)_1$				$TS(h-a2_{exo})_1$			
6	1.162469	-0.833975	-1.373481	6	1.209822	-0.742600	-1.373067
6	2.345291	0.075720	-1.238214	6	0.597378	-1.267679	-0.118734
6	2.890917	0.453462	-0.085990	6	1.559772	-1.429339	1.012897
6	2.376229	-0.076226	1.218759	6	2.701486	-0.460252	0.999488
6	1.557577	-1.350025	1.052573	6	2.909594	0.451382	0.054543
6	0.574458	-1.263866	-0.065608	6	2.008694	0.534923	-1.140543
6	4.032352	1.411710	-0.010033	6	-0.746843	-1.638682	0.003433
6	-0.768377	-1.627706	0.073393	6	-1.724230	-1.609288	-1.142471
6	-1.729828	-1.647056	-1.083586	6	-2.745383	-0.470915	-0.959740
6	-2.739646	-0.486734	-0.980652	6	-2.066120	0.856171	-0.862448
6	-2.048642	0.837199	-0.935166	6	-2.009150	1.678764	0.195479
6	-1.988822	1.701690	0.088704	6	-1.313617	3.000512	0.094557
6	-1 278271	3 010455	-0.063133	6	4 026271	1 439040	0 117030
6	-1 308754	-2 180159	1 363197	6	-1 267662	-2 280863	1 260829
6	-2 656252	1 510612	1 414868	6	-2 663378	1 425435	1.517680
1	2.030232	0.454382	-2 170168	1	3 366397	-0 519726	1 849626
1	4 309851	1 786218	-0.990712	1	4 593826	1 347231	1.038120
1	3 780035	2 264136	0.621033	1	4.393820	1 303060	-0.721276
1	1 006534	0.036073	0.021033	1	3 644104	2 458044	-0.721270
1	0.472512	0.950975	0.433114	1	2 500001	0.722186	0.032041
1	-0.472313	-0.383303	0.220490	1	2.399901	0.752180	-2.033920
1	1.441237	-1./5/569	-1.094/12	1	1.334402	1.300303	-1.030973
1	0.407902	-0.304203	-1.999307	1	0.48084/	-0.009452	-2.108442
1	-0.920504	-1.091032	2.249010	1	1.890//0	-1.554202	-1.08/208
1	-2.390696	-2.104666	1.380488	1	-0.482/08	-0.411386	0.210548
1	-1.050967	-3.23/266	1.4194/6	1	1.051648	-1.396268	1.9/3402
l	-2.25/388	-2.599380	-1.043338	l	1.925634	-2.460654	0.926809
1	-1.214042	-1.611285	-2.03/849	1	-0.900017	-1.828304	2.174928
l	-3.38/106	-0.538172	-1.854824	l	-2.351606	-2.248484	1.279401
l	-3.382945	-0.632244	-0.116413	1	-0.967812	-3.328381	1.262540
1	-1.564452	1.136901	-1.859015	l	-2.236154	-2.570614	-1.151669
1	-0.798564	3.108383	-1.032770	1	-1.225442	-1.508543	-2.100519
1	-0.524032	3.140733	0.712856	1	-3.411141	-0.485050	-1.821588
1	-1.983099	3.834173	0.050713	1	-3.368387	-0.666504	-0.090532
1	-1.945642	1.655905	2.228496	1	-1.588034	1.195036	-1.776228
1	-3.427617	2.269305	1.547527	1	-0.862185	3.154655	-0.881780
1	-3.127105	0.540980	1.538691	1	-0.541947	3.097963	0.858404
1	3.212277	-0.291074	1.883214	1	-2.021848	3.810795	0.267581
1	1.788211	0.692420	1.726651	1	-1.948973	1.554072	2.330638
1	2.228867	-2.157390	0.743557	1	-3.448609	2.163053	1.683618
1	1.106371	-1.660588	1.987606	1	-3.114017	0.442530	1.608290
TS(h-i).				TS(a1'-i).			
6	-0.688513	-0.063725	1 173795	6	-1 445432	1 066896	-0 935895
6	-1 807121	-0 996790	0 994776	6	-2 460069	1 197007	-0 067957
6	-2 761896	-0.753801	0.089906	6	-3.073664	0.029484	0.636263
-		0.,0001	0.00//00	0	2.0,2001	0.020101	

6	-2.658132	0.456708	-0.793486	6	-2.785381	-1.340202	0.026292
6	-1.217104	0.900050	-1.013971	6	-1.497039	-1.474316	-0.759788
6	-0.446102	0.961723	0.259828	6	-0.921142	-0.233176	-1.337961
6	-3.977352	-1.598607	-0.050764	1	-4.151956	0.180212	0.683238
6	0.590112	2.004872	0.505411	1	-0.998714	1.936396	-1.393989
6	1.703687	1.997221	-0.549675	1	-3.581376	-1.575613	-0.677387
6	2.654343	0.805089	-0.456090	1	-2.828898	-2.111235	0.792838
6	2.050306	-0.511869	-0.841093	1	-0.478347	-0.321543	-2.323969
6	2.094262	-1.676942	-0.176121	1	0.252050	-0.286986	-0.711752
6	1.533059	-2.925656	-0.783036	1	-2.748587	0.072558	1.678079
6	-0.112511	3.365220	0.582277	6	-3.019001	2.534261	0.271310
6	2.727178	-1.869573	1.166043	1	-4.058765	2.594325	-0.050061
1	-1.867497	-1.839760	1.665430	1	-2.466795	3.342700	-0.197205
1	-4.008874	-2.393897	0.687130	1	-3.017276	2.687822	1.350231
1	-4.875219	-0.989654	0.057609	6	0.885828	-2.343629	-0.744992
1	-4.019757	-2.043932	-1.044597	1	1.906719	-2.009862	-0.596701
1	1.039507	1.804108	1.479807	1	0.718373	-2.503758	-1.806929
1	0.267971	-0.364584	0.464427	1	0.754452	-3.301085	-0.242248
1	-0.935489	3.363531	1.293912	6	0.046171	-0.965261	1.280339
1	0.608069	4.108357	0.913648	6	1.456557	-0.495505	1.631752
1	-0.490914	3.680948	-0.386838	1	-0.660192	-0.170607	1.505653
1	2.277369	2.911512	-0.405144	1	-0.245186	-1.826911	1.883769
1	1.275270	2.068269	-1.551138	6	1.864086	0.667175	0.782836
1	3.491399	0.998215	-1.129730	1	2.161440	-1.319623	1.559390
1	3.083405	0.767019	0.543804	1	1.448037	-0.200398	2.682007
1	1.613222	-0.535516	-1.835614	1	-1.556719	-2.287156	-1.472782
1	1.089100	-2.747075	-1.758654	6	2.975445	0.812023	0.051471
1	0.781499	-3.377132	-0.134951	6	-0.118811	-1.383321	-0.161612
1	2.321127	-3.668904	-0.903909	6	3.230135	2.077673	-0.706840
1	2.044161	-2.382129	1.844261	1	3.393461	1.873368	-1.765222
1	3.599302	-2.516518	1.070040	1	4.136774	2.560828	-0.342756
1	3.054389	-0.948034	1.636136	1	2.411367	2.785963	-0.612174
1	-3.110813	0.252119	-1.761729	6	4.074764	-0.197824	-0.049180
1	-3.255044	1.260315	-0.353461	1	4.999417	0.227818	0.340605
1	-0.704411	0.171562	-1.650153	1	4.271607	-0.450968	-1.091167
1	-1.159688	1.849599	-1.538193	1	3.885135	-1.114435	0.500191
1	-0.223381	0.008069	2.151102	1	1.179313	1.510489	0.812131