Electronic Supporting Information

Reactivity and regioselectivity in Diels–Alder reactions of anion encapsulated fullerenes

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† Footnotes relating to the title and/or authors should appear here.
Electronic Supplementary Information (ESI) available: [The dominant geometric parameters of **R**, **RC**, **TS**, and **P**, as well as the only one imaginary frequency of each **TS**, the Mulliken charges condensed to X in **RC**, **TS**, and **P**, and all optimized geometries coordinates were included in supporting information.]. See DOI: 10.1039/x0xx00000x

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Complete reference for Gaussian 09

Frisch, M. J.; Trucks, G. W.; Schlegel, H. B.; Scuseria, G. E.; Robb, M. A.; Cheeseman, J. R.; Scalmani, G.; Barone, V.; Mennucci, B.; Petersson, G. A.; Nakatsuji, H.; Caricato, M.; Li, X.; Hratchian, H. P.; Izmaylov, A. F.; Bloino, J.; Zheng, G.; Sonnenberg, J. L.; Hada, M.; Ehara, M.; Toyota, K.; Fukuda, R.; Hasegawa, J.; Ishida, M.; Nakajima, T.; Honda, Y.; Kitao, O.; Nakai, H.; Vreven, T.; Montgomery, Jr., J. A.; Peralta, J. E.; Ogliaro, F.; Bearpark, M.; Heyd, J. J.; Brothers, E.; Kudin, K. N.; Staroverov, V. N.; Keith, T.; Kobayashi, R.; Normand, J.; Raghavachari, K.; Rendell, A.; Burant, J. C.; Iyengar, S. S.; Tomasi, J.; Cossi, M.; Rega, N.; Millam, J. M.; Klene, M.; Knox, J. E.; Cross, J. B.; Bakken, V.; Adamo, C.; Jaramillo, J.; Gomperts, R.; Stratmann, R. E.; Yazyev, O.; Austin, A. J.; Cammi, R.; Pomelli, C.; Ochterski, J. W.; Martin, R. L.; Morokuma, K.; Zakrzewski, V. G.; Voth, G. A.; Salvador, P.; Dannenberg, J. J.; Dapprich, S.; Daniels, A. D.; Farkas, O.; Foresman, J. B.; Ortiz, J. V.; Cioslowski, J.; and Fox, D. J. Gaussian 09, revision D.01; Gaussian, Inc.: Wallingford, CT, 2013.

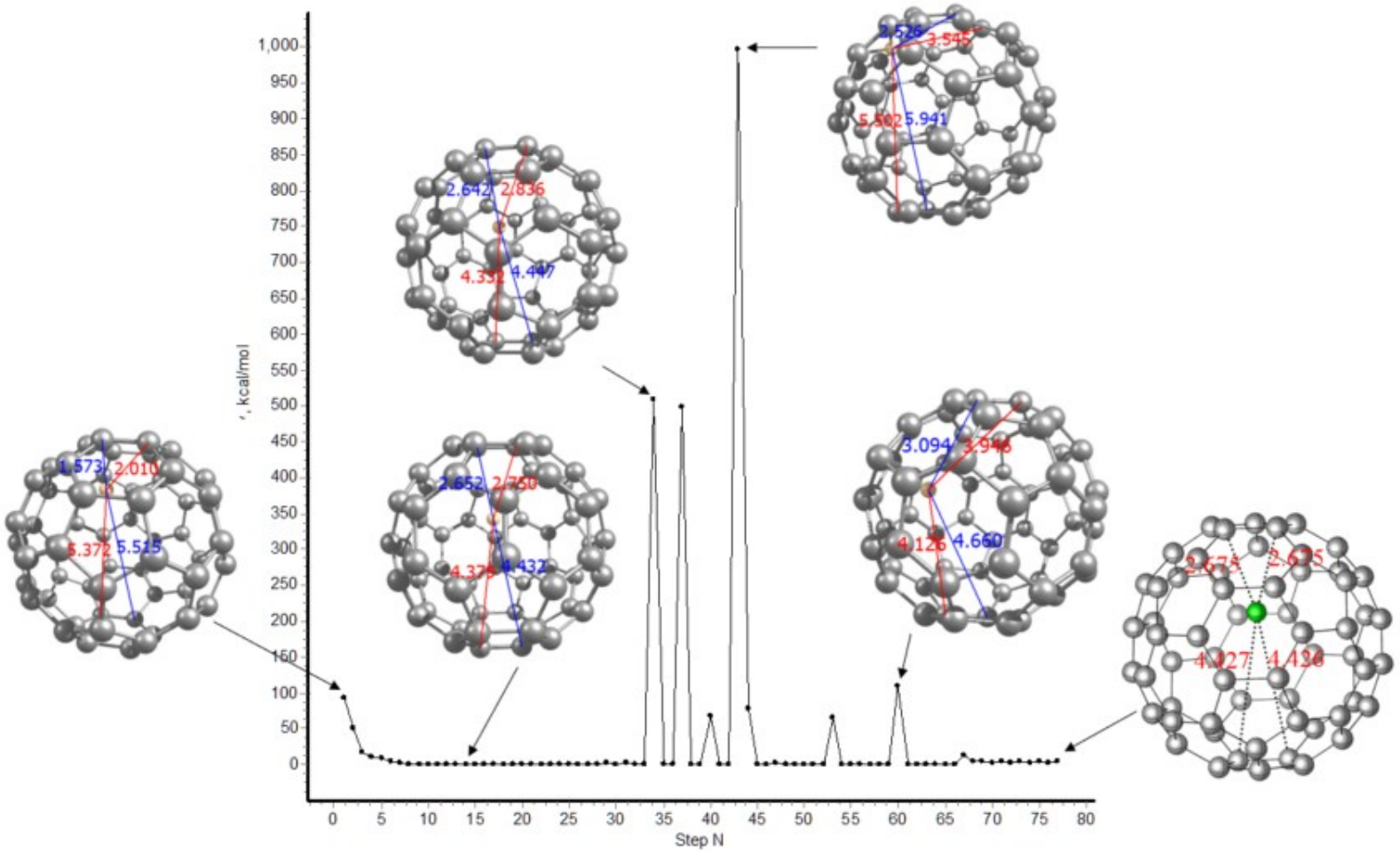

Figure S1. The geometries and relative electronic energies of $[F@C_{60}]^-$ where anion locates at different sites inside C_{60} cage.

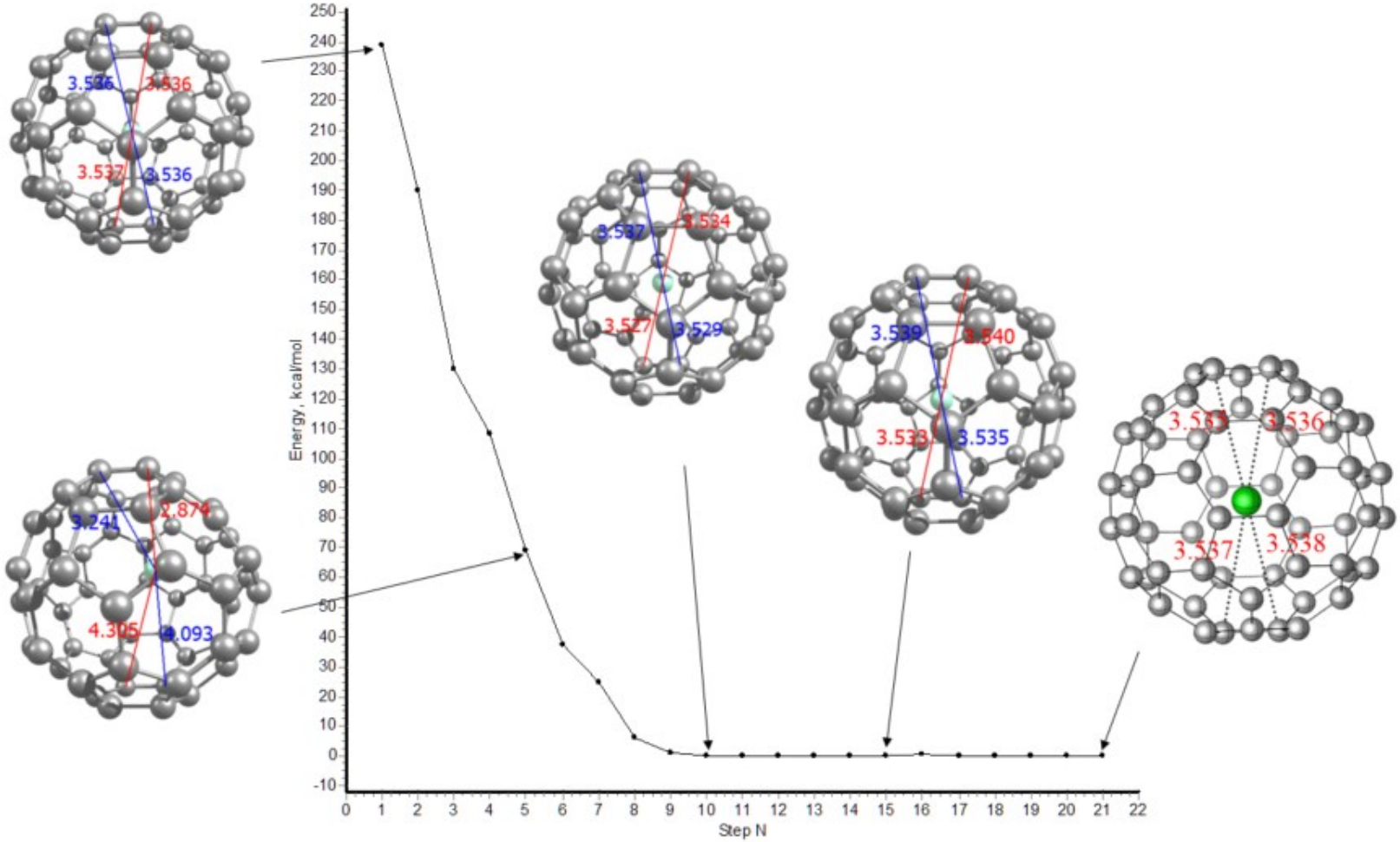

Figure S2. The geometries and relative electronic energies of $[Cl@C_{60}]^-$ where anion locates at different sites inside C_{60} cage.

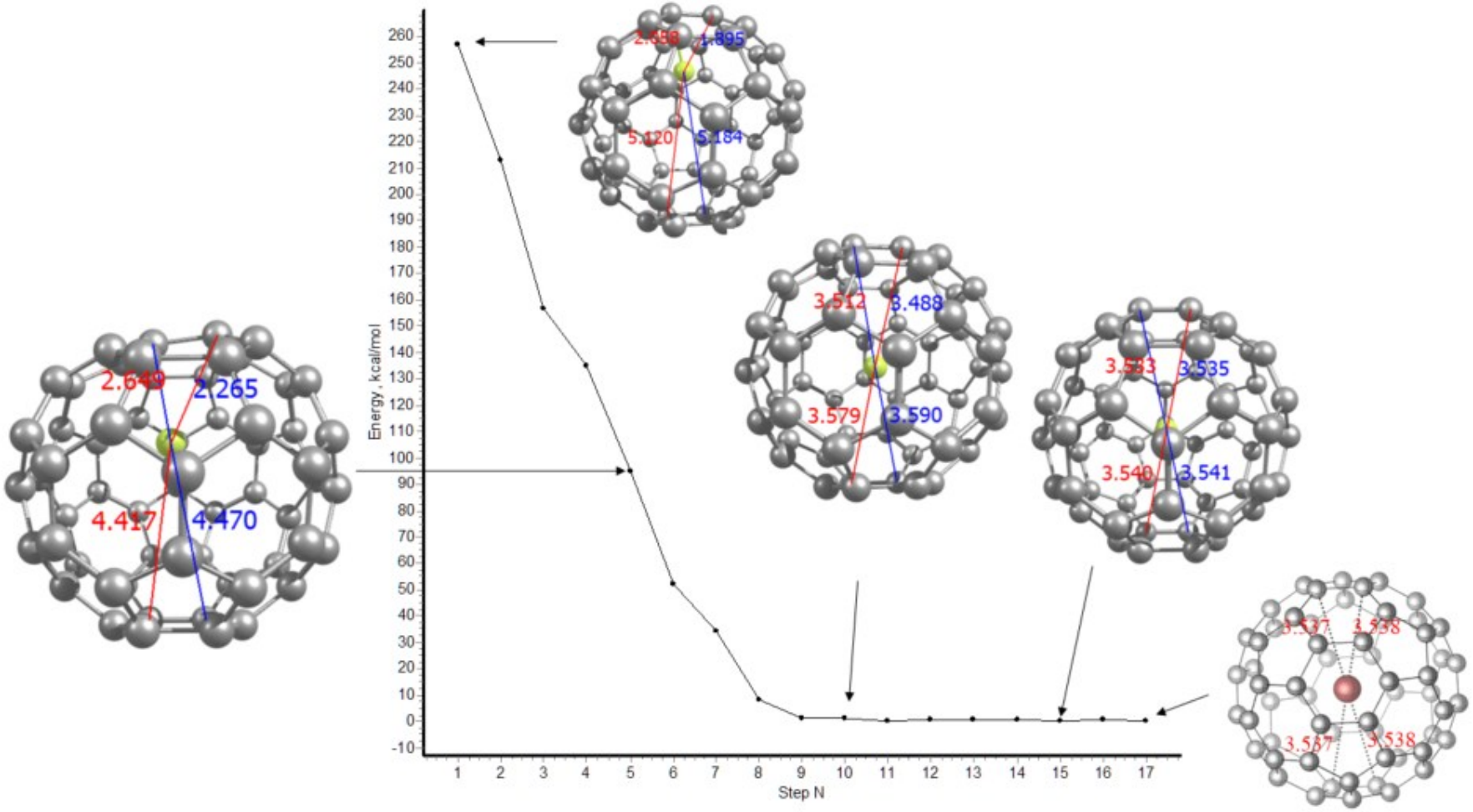

Figure S3. The geometries and relative electronic energies of $[Br@C_{60}]^-$ where anion locates at different sites inside C_{60} cage.

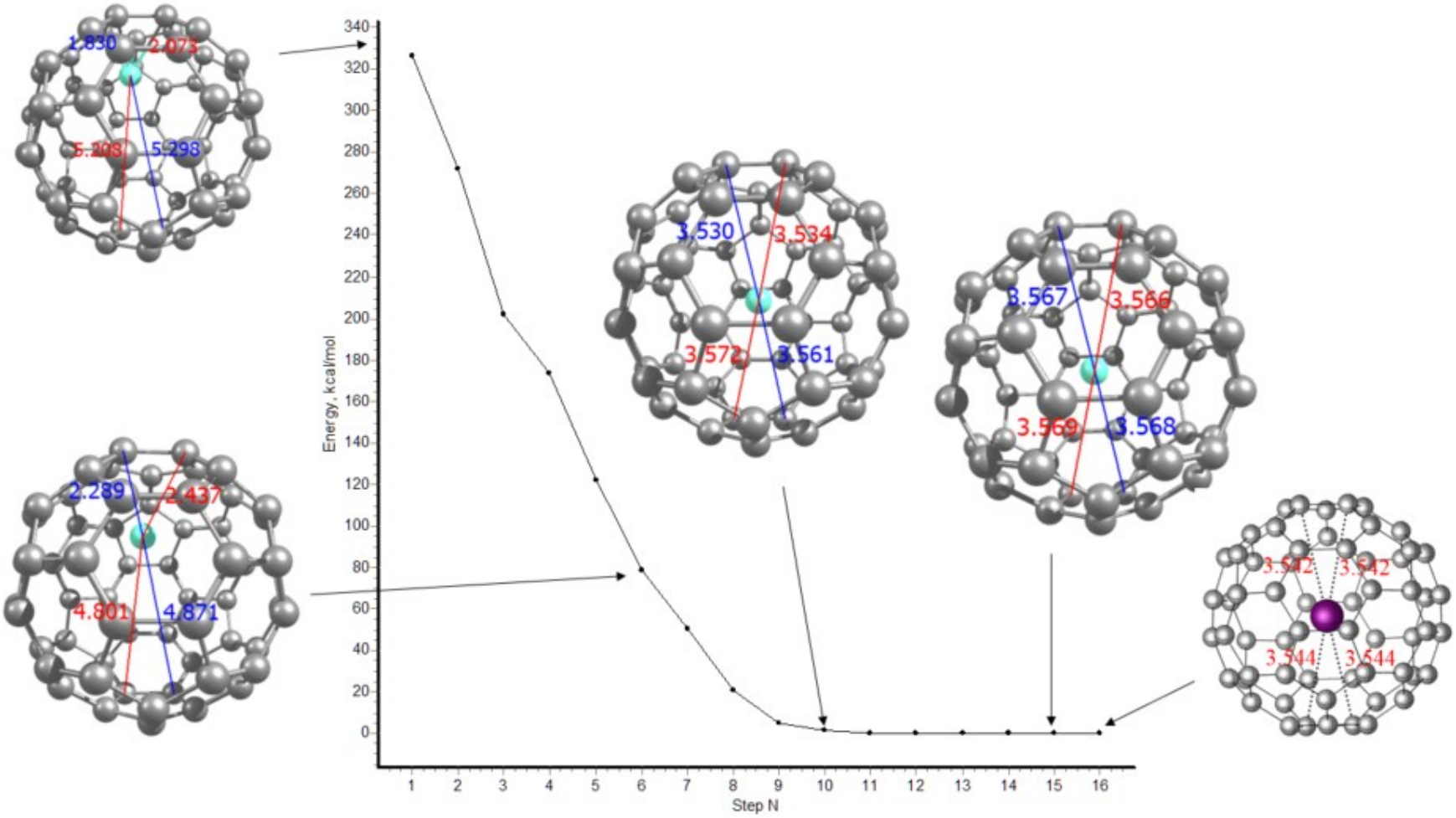

Figure S4. The geometries and relative electronic energies of $[I@C_{60}]^-$ where anion locates at different sites inside C_{60} cage.

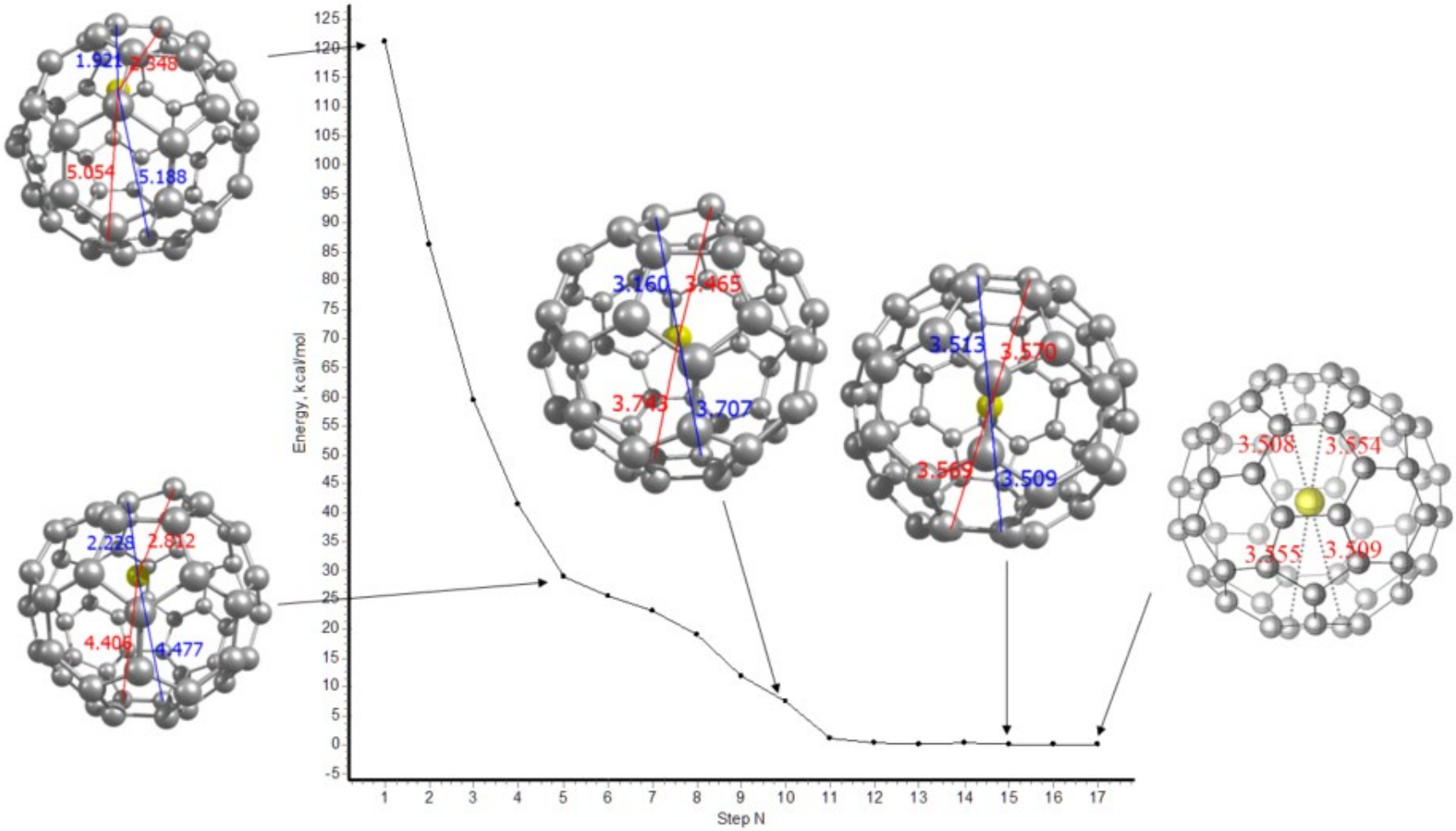

Figure S5. The geometries and relative electronic energies of $[S@C_{60}]^{2-}$ where anion locates at different sites inside C_{60} cage.

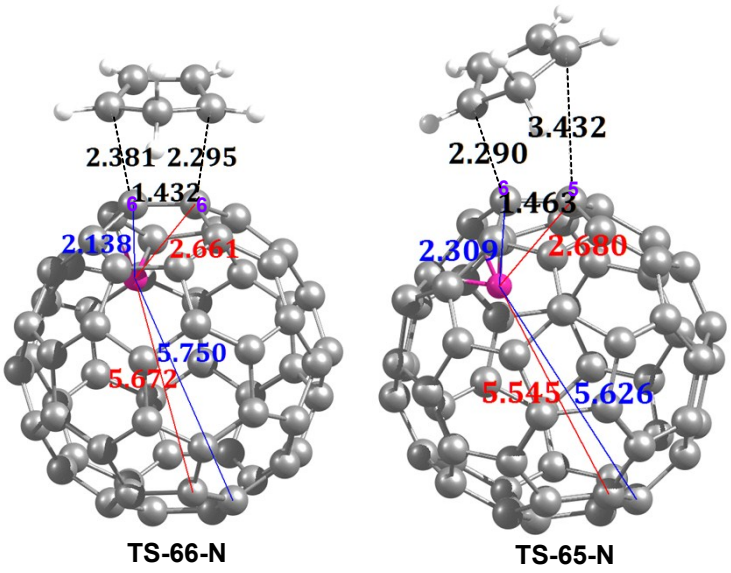

Figure S6. Detail geometry parameters including the distance of the given carbon to the N moeity of the two TSs of $[N@C_{60}]^{3-}$ reactions.

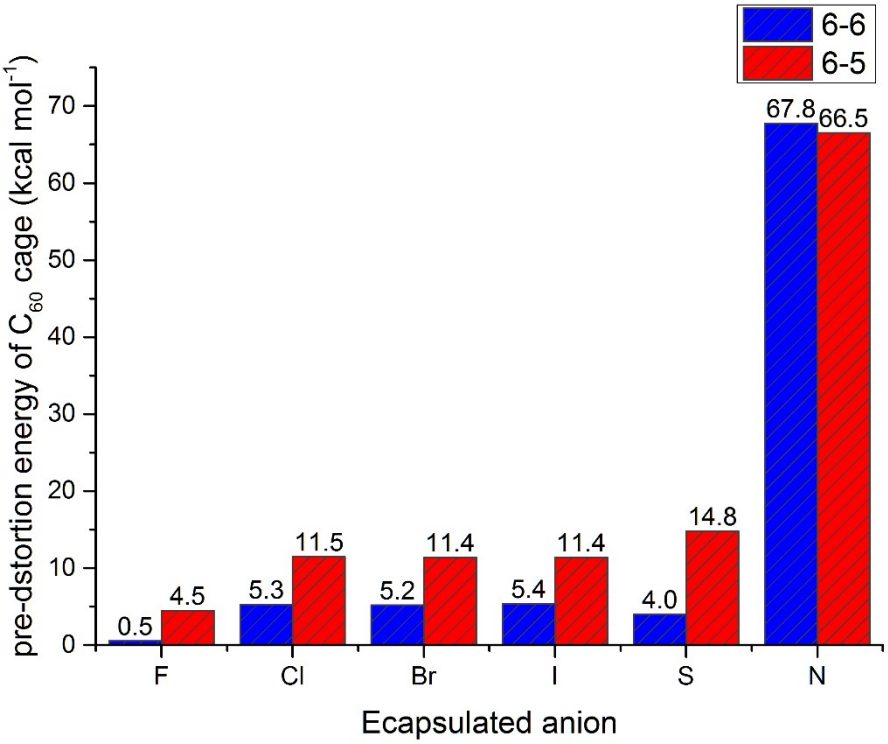

Figure S7. The pre-distortion energies of C_{60} in 6-6 and 6-5 bond reactions of each $[X@C_{60}]^{n-}$

Table S1. The benchmark of compuational methods. The FEs are given by kcal mol^{-1}.

FE	$[N@C_{60}]^{3-}$	$[N@C_{60}]^{-}$	$[N@C_{60}]^{+}$
B3LYP/6-31G(d,p)	-407.2	-95.3	-173.0
M06-2X/6-31G(d,p)	-421.2	-108.0	-199.2

Table S2. The dominant geometric parameters of **R**s, **RC**s, **TS**s, and **P**s in DA cycloadditions of CPD to empty C_{60} and $[X@C_{60}]^{n-}$, as well as the only one imaginary frequency of each **TS** calculated at M06-2X/6-31G(d,p) level under vacuum (units: Å for bond length and cm^{-1} for frequency)

	.	R	RC				TS						P				
		r_i[a]	r_1[b]	r_2	r_3[c]	r_4	r_i	r_1	r_2	r_3	r_4	v[c]	r_i	r_1	r_2	r_3	r_4
6-6 bond	empty C_{60}[d]	1.387	NE[e]	NE	3.121	3.126	1.438	NE	NE	2.220	2.220	386 *i*	1.603	NE	NE	1.584	1.584
	$[F@C_{60}]^-$	1.383	2.663	2.882	3.378	3.286	1.421	2.667	2.673	2.274	2.261	366 *i*	1.578	2.681	2.681	1.581	1.581
	$[Cl@C_{60}]^-$	1.386	3.536	3.531	3.349	3.275	1.436	3.643	3.643	2.207	2.207	424 *i*	1.597	3.844	3.844	1.583	1.583
	$[Br@C_{60}]^-$	1.387	3.534	3.539	3.259	3.351	1.436	3.618	3.617	2.210	2.210	418 *i*	1.597	3.850	3.850	1.582	1.582
	$[I@C_{60}]^-$	1.389	3.540	3.540	3.223	3.223	1.438	3.639	3.639	2.213	2.213	420 *i*	1.597	3.817	3.814	1.583	1.583
	$[S@C_{60}]^{2-}$	1.392	3.535	3.496	3.498	3.367	1.437	3.605	3.600	2.190	2.203	441 *i*	1.595	3.799	3.799	1.582	1.583
	$[N@C_{60}]^{3-}$	1.406	2.086	2.652	3.379	3.645	1.432	2.661	2.138	2.381	2.295	338 *i*	1.612	2.742	2.281	1.580	1.571
6-5 bond	empty C_{60}	1.451	NE	NE	3.318	3.318	1.504	NE	NE	2.103	2.104	572 *i*	1.629	NE	NE	1.582	1.582
	$[F@C_{60}]^-$	1.448	2.666	2.674	3.293	3.405	1.485	2.710	2.710	2.149	2.149	547 *i*	1607	2.726	2.726	1.578	1.578
	$[Cl@C_{60}]^-$	1.450	3.533	3.535	3.832	3.437	1.499	3.704	3.704	2.102	2.102	600 *i*	1.623	3.872	3.872	1.581	1.581
	$[Br@C_{60}]^-$	1.450	3.533	3.530	3.400	3.410	1.498	3.654	3.654	2.104	2.104	595 *i*	1.621	3.798	3.798	1.580	1.580
	$[I@C_{60}]^-$	1.453	3.498	3.480	3.516	3.418	1.498	3.686	3.686	2.109	2.109	591 *i*	1.622	3.839	3.839	1.581	1.581
	$[S@C_{60}]^{2-}$	1.448	3.489	3.500	3.483	3.287	1.488	3.672	3.524	1.855	2.793	290 *i*	1.617	3.689	3.687	1.578	1.579
	$[N@C_{60}]^{3-}$	1.443	2.471	1.535	3.230	3.594	1.463	2.309	2.680	2.290	3.432	182 *i*	1.634	2.351	2.843	1.565	1.580

[a] r_i is the distance between two reactive carbon atoms in empty C_{60} and $[X@C_{60}]^{n-}$; [b] r_1 and r_2 are the distances between each non-metallic atom and each of the two attacked carbon atoms; **c.** r_3 and r_4 are the lengths of the two forming C-C bonds in the empty C_{60} and $[X@C_{60}]^{n-}$ reactions; [c] v is the only one imaginary frequency of TS; [d] the data of empty C_{60} were collected from our previous work (*J. Phys. Chem. A* 2015, 119 3098–3106); [e] no r_1 and r_2 data exist because there is no anion in empty C_{60}. The distances of r_i, r_1, r_2, r_3, and r_4 of 6-6 and 6-5 reactions of $[F@C_{60}]^-$ were also labelled in Figure 4.

Table S3. The Mulliken charges condensed to X in RC, TS, and P Calculated at M06-2X/6-31G(d,p) Theoretical Level. (Unit: a.u.)

		Mulliken Charges Condensed to X		
		RC	TS	P
6-6 bond	$[F@C_{60}]^-$	-0.8294	-0.8087	-0.7455
	$[Cl@C_{60}]^-$	-0.9114	-0.9095	-0.9078
	$[Br@C_{60}]^-$	-0.8865	-0.8830	-0.8805
	$[I@C_{60}]^-$	-0.9330	-0.9275	-0.9216
	$[S@C_{60}]^{2-}$	-0.8202	-0.8020	-0.7981
	$[N@C_{60}]^{3-}$	-0.2467	-0.2644	-0.2855
6-5 bond	$[F@C_{60}]^-$	-0.8272	-0.7770	-0.7089
	$[Cl@C_{60}]^-$	-0.9116	-0.9069	-0.9039
	$[Br@C_{60}]^-$	-0.8861	-0.8754	-0.8686
	$[I@C_{60}]^-$	-0.9318	-0.8939	-0.8678
	$[S@C_{60}]^{2-}$	-0.7969	-0.7380	-0.6737
	$[N@C_{60}]^{3-}$	-0.2887	-0.2901	-0.2909

Optimized Geometries of Stationary Points on the Potential Energy Surfaces

CPD

1	6	0	-1.177007	-0.280919	0.000015
2	6	0	-0.735092	0.988157	-0.000040
3	6	0	0.000015	-1.214220	0.000010
4	1	0	0.000027	-1.872669	0.878938
5	1	0	0.000013	-1.872691	-0.878900
6	1	0	-1.349416	1.880744	-0.000064
7	1	0	-2.208705	-0.609016	0.000027
8	6	0	1.177015	-0.280891	-0.000012
9	6	0	0.735067	0.988176	0.000023
10	1	0	1.349373	1.880776	0.000035
11	1	0	2.208722	-0.608964	-0.000017

$[Br@C_{60}]^-$

1	6	0	1.116575	0.025340	3.356479
2	6	0	1.810991	1.104414	2.830485
3	6	0	1.097348	2.306921	2.445261
4	6	0	0.219088	-2.082898	2.850258
5	6	0	1.451476	-1.323778	2.942479
6	6	0	2.465779	-1.533886	2.019954
7	6	0	1.718875	2.830998	1.243963
8	6	0	0.935244	3.402126	0.252189
9	6	0	0.054805	-3.020169	1.841160
10	6	0	2.815763	1.951818	0.886611
11	6	0	0.877463	1.203740	-3.206935
12	6	0	2.090211	1.299601	-2.540759
13	6	0	2.803881	0.096581	-2.156302
14	6	0	2.272704	-1.149503	-2.454953
15	6	0	1.005251	-1.249453	-3.152519
16	6	0	-0.219023	2.083378	-2.849978
17	6	0	-0.054730	3.020659	-1.840884
18	6	0	1.213041	3.120189	-1.143092
19	6	0	2.262041	2.279410	-1.485065
20	6	0	3.415578	0.333219	-0.862783
21	6	0	3.469674	-0.687184	0.075407
22	6	0	2.915751	-1.990937	-0.237257
23	6	0	2.329862	-2.216512	-1.474235
24	6	0	1.097627	-2.976397	-1.566318
25	6	0	0.278590	-2.378397	-2.603116
26	6	0	0.503955	-3.475707	-0.416669

27	6	0	1.115992	-3.240407	0.876918
28	6	0	2.294424	-2.514177	0.964396
29	6	0	3.081201	1.682164	-0.447875
30	6	0	3.191788	-0.405211	1.470108
31	6	0	0.322745	-0.099244	-3.519621
32	6	0	2.872966	0.884855	1.867557
33	6	0	-0.322684	0.099725	3.519854
34	6	0	-1.005190	1.249932	3.152750
35	6	0	-0.278529	2.378852	2.603328
36	6	0	-0.877406	-1.203255	3.207208
37	6	0	-2.090166	-1.299111	2.541041
38	6	0	-1.097570	2.976909	1.566572
39	6	0	-0.503889	3.476232	0.416927
40	6	0	-2.329773	2.216975	1.474467
41	6	0	-1.451409	1.324249	-2.942206
42	6	0	-2.465734	1.534361	-2.019711
43	6	0	-3.191766	0.405690	-1.469877
44	6	0	-2.872915	-0.884375	-1.867309
45	6	0	-1.810937	-1.103938	-2.830247
46	6	0	-1.115918	3.240880	-0.876652
47	6	0	-2.294342	2.514632	-0.964141
48	6	0	-3.469638	0.687664	-0.075169
49	6	0	-3.415530	-0.332731	0.863032
50	6	0	-3.081123	-1.681661	0.448130
51	6	0	-2.815718	-1.951341	-0.886361
52	6	0	-1.718831	-2.830520	-1.243719
53	6	0	-1.097292	-2.306444	-2.445017
54	6	0	-0.935165	-3.401564	-0.251930
55	6	0	-1.212946	-3.119612	1.143336
56	6	0	-2.261973	-2.278893	1.485326
57	6	0	-2.915679	1.991401	0.237498
58	6	0	-2.803820	-0.096088	2.156553
59	6	0	-1.116512	-0.024862	-3.356234
60	6	0	-2.272647	1.149996	2.455210
61	35	0	-0.000315	-0.002512	-0.001290

$[Cl@C_{60}]^-$

1	6	0	-3.258904	-0.111352	-1.368347
2	6	0	-3.243920	1.154700	-0.804340
3	6	0	-2.409053	2.193302	-1.375606
4	6	0	-2.430436	-2.295619	-1.150879
5	6	0	-3.253960	-1.284868	-0.516424
6	6	0	-3.234520	-1.140309	0.862233

7	6	0	-1.872539	2.986360	-0.286333
8	6	0	-0.575698	3.470933	-0.355447
9	6	0	-1.624252	-3.117718	-0.379186
10	6	0	-2.376187	2.437715	0.957823
11	6	0	1.927421	1.747564	2.395521
12	6	0	0.639105	2.044693	2.812316
13	6	0	-0.196176	1.006801	3.383629
14	6	0	0.293126	-0.283585	3.511635
15	6	0	1.640167	-0.595217	3.075621
16	6	0	2.430377	2.295754	1.151193
17	6	0	1.624186	3.117829	0.379494
18	6	0	0.277127	3.429478	0.816539
19	6	0	-0.204184	2.904434	2.005309
20	6	0	-1.555890	1.224330	2.929516
21	6	0	-2.366647	0.142502	2.624180
22	6	0	-1.854171	-1.207218	2.757801
23	6	0	-0.554251	-1.415290	3.191733
24	6	0	0.268383	-2.426221	2.557113
25	6	0	1.624749	-1.919710	2.485562
26	6	0	-0.244636	-3.184661	1.516495
27	6	0	-1.604800	-2.967500	1.062777
28	6	0	-2.391238	-2.000446	1.669416
29	6	0	-1.560971	2.398058	2.078148
30	6	0	-3.219267	0.183968	1.452018
31	6	0	2.439070	0.397445	2.529786
32	6	0	-3.224315	1.305885	0.637667
33	6	0	-2.439134	-0.397327	-2.529520
34	6	0	-1.640210	0.595338	-3.075351
35	6	0	-1.624775	1.919828	-2.485254
36	6	0	-1.927496	-1.747470	-2.395262
37	6	0	-0.639168	-2.044618	-2.812114
38	6	0	-0.268408	2.426356	-2.556813
39	6	0	0.244604	3.184816	-1.516202
40	6	0	0.554227	1.415436	-3.191462
41	6	0	3.253910	1.285022	0.516741
42	6	0	3.234473	1.140476	-0.861918
43	6	0	3.219249	-0.183803	-1.451720
44	6	0	3.224299	-1.305738	-0.637375
45	6	0	3.243877	-1.154551	0.804634
46	6	0	1.604767	2.967675	-1.062472
47	6	0	2.391223	2.000637	-1.669124
48	6	0	2.366651	-0.142346	-2.623921
49	6	0	1.555893	-1.224203	-2.929293
50	6	0	1.560975	-2.397959	-2.077905

51	6	0	2.376196	-2.437605	-0.957556
52	6	0	1.872505	-2.986231	0.286616
53	6	0	2.409006	-2.193158	1.375893
54	6	0	0.575663	-3.470835	0.355739
55	6	0	-0.277181	-3.429388	-0.816257
56	6	0	0.204148	-2.904333	-2.005045
57	6	0	1.854157	1.207390	-2.757520
58	6	0	0.196146	-1.006711	-3.383492
59	6	0	3.258858	0.111497	1.368642
60	6	0	-0.293160	0.283712	-3.511421
61	17	0	0.000356	-0.001393	-0.002906

$[F@C_{60}]^-$

1	6	0	1.893039	-0.247459	-2.955842
2	6	0	1.851853	1.123965	-2.771920
3	6	0	2.575160	1.733450	-1.676650
4	6	0	0.698955	-2.235439	-2.628219
5	6	0	0.685122	-0.961417	-3.315737
6	6	0	-0.509233	-0.279446	-3.488903
7	6	0	1.763533	2.815104	-1.160533
8	6	0	1.719875	3.064250	0.200135
9	6	0	-0.482546	-2.773780	-2.141720
10	6	0	0.547646	2.884294	-1.944844
11	6	0	-1.959280	2.312346	1.849617
12	6	0	-1.940179	2.912279	0.599073
13	6	0	-2.658249	2.307114	-0.507008
14	6	0	-3.364736	1.128611	-0.314308
15	6	0	-3.384460	0.500563	0.993998
16	6	0	-0.743945	2.241099	2.637436
17	6	0	0.438267	2.765420	2.136991
18	6	0	0.457978	3.391864	0.832071
19	6	0	-0.705125	3.467653	0.080968
20	6	0	-1.865874	2.490840	-1.708548
21	6	0	-1.813085	1.487258	-2.664626
22	6	0	-2.551290	0.254628	-2.463367
23	6	0	-3.309456	0.078912	-1.314440
24	6	0	-3.295992	-1.197341	-0.625053
25	6	0	-3.342245	-0.936948	0.801552
26	6	0	-2.523962	-2.241513	-1.114340
27	6	0	-1.731353	-2.057565	-2.315138
28	6	0	-1.744508	-0.837450	-2.974724
29	6	0	-0.659175	3.206782	-1.343244
30	6	0	-0.551592	1.155781	-3.297775

31	6	0	-2.696912	1.079313	2.051243
32	6	0	0.602858	1.837048	-2.943388
33	6	0	2.659473	-1.080400	-2.053781
34	6	0	3.331982	-0.499945	-0.993128
35	6	0	3.288235	0.934666	-0.800637
36	6	0	1.915139	-2.304221	-1.844395
37	6	0	1.895772	-2.902462	-0.596534
38	6	0	3.241232	1.194148	0.622655
39	6	0	2.484150	2.242395	1.114313
40	6	0	3.255080	-0.078904	1.310580
41	6	0	-0.730152	0.966021	3.325721
42	6	0	0.464864	0.280334	3.478911
43	6	0	0.507160	-1.154089	3.287519
44	6	0	-0.647623	-1.843678	2.950461
45	6	0	-1.896592	-1.127024	2.781352
46	6	0	1.687674	2.052062	2.307495
47	6	0	1.700793	0.834447	2.965607
48	6	0	1.769050	-1.481847	2.656676
49	6	0	1.821527	-2.482661	1.702104
50	6	0	0.614144	-3.196162	1.340313
51	6	0	-0.592526	-2.891512	1.951317
52	6	0	-1.807943	-2.824511	1.163475
53	6	0	-2.614619	-1.732378	1.675520
54	6	0	-1.764032	-3.073618	-0.200259
55	6	0	-0.502501	-3.400859	-0.836305
56	6	0	0.660099	-3.456390	-0.082789
57	6	0	2.511714	-0.254579	2.464060
58	6	0	2.619752	-2.308633	0.507023
59	6	0	-1.936913	0.247479	2.965088
60	6	0	3.310373	-1.126129	0.312542
61	9	0	0.902402	-0.001175	0.008227

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1	6	0	2.807697	-1.442002	-1.609221
2	6	0	2.717480	-2.224597	-0.465267
3	6	0	1.605065	-3.143925	-0.299856
4	6	0	2.434156	0.711174	-2.473830
5	6	0	3.206203	-0.048967	-1.506416
6	6	0	3.497533	0.500390	-0.264335
7	6	0	1.222041	-3.137645	1.101217
8	6	0	-0.118093	-3.228067	1.455346
9	6	0	1.986976	1.987441	-2.156707
10	6	0	2.097849	-2.214621	1.801780

11	6	0	-1.558252	0.211963	3.174584
12	6	0	-0.273690	-0.181675	3.527347
13	6	0	0.838740	0.737472	3.362020
14	6	0	0.618025	2.010156	2.851149
15	6	0	-0.725211	2.421790	2.482199
16	6	0	-2.434007	-0.711040	2.474122
17	6	0	-1.986831	-1.987302	2.156997
18	6	0	-0.643745	-2.398987	2.526015
19	6	0	0.193824	-1.516382	3.196020
20	6	0	1.993813	-0.029046	2.928479
21	6	0	2.877641	0.510553	2.002690
22	6	0	2.646822	1.841354	1.468234
23	6	0	1.542343	2.574488	1.883067
24	6	0	0.770305	3.334741	0.915695
25	6	0	-0.631041	3.240421	1.285962
26	6	0	1.136627	3.328748	-0.424207
27	6	0	2.291671	2.562161	-0.857977
28	6	0	3.029746	1.834961	0.067167
29	6	0	1.595306	-1.422150	2.825881
30	6	0	3.403336	-0.318211	0.931864
31	6	0	-1.789021	1.542713	2.640285
32	6	0	3.022163	-1.650283	0.833647
33	6	0	1.789214	-1.542596	-2.640034
34	6	0	0.725374	-2.421674	-2.481953
35	6	0	0.631213	-3.240305	-1.285690
36	6	0	1.558412	-0.211836	-3.174337
37	6	0	0.273824	0.181819	-3.527102
38	6	0	-0.770163	-3.334624	-0.915423
39	6	0	-1.136498	-3.328640	0.424497
40	6	0	-1.542227	-2.574371	-1.882805
41	6	0	-3.206071	0.049114	1.506731
42	6	0	-3.497423	-0.500240	0.264658
43	6	0	-3.403259	0.318387	-0.931542
44	6	0	-3.022055	1.650471	-0.833323
45	6	0	-2.717325	2.224760	0.465591
46	6	0	-2.291545	-2.562052	0.858266
47	6	0	-3.029642	-1.834839	-0.066870
48	6	0	-2.877580	-0.510383	-2.002398
49	6	0	-1.993747	0.029215	-2.928222
50	6	0	-1.595203	1.422326	-2.825593
51	6	0	-2.097755	2.214815	-1.801484
52	6	0	-1.221900	3.137799	-1.100909
53	6	0	-1.604899	3.144068	0.300156
54	6	0	0.118236	3.228223	-1.455048

55	6	0	0.643883	2.399147	-2.525731
56	6	0	-0.193694	1.516549	-3.195748
57	6	0	-2.646739	-1.841228	-1.467954
58	6	0	-0.838643	-0.737330	-3.361796
59	6	0	-2.807530	1.442140	1.609522
60	6	0	-0.617889	-2.010041	-2.850928
61	53	0	-0.000434	-0.000487	-0.000960

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1	6	0	3.167991	-0.257636	-0.901174
2	6	0	3.403132	-1.268753	0.143229
3	6	0	2.595318	-2.536473	0.123573
4	6	0	2.461789	1.633182	-1.938199
5	6	0	3.303112	1.251418	-0.850572
6	6	0	3.150039	1.814360	0.442356
7	6	0	1.980399	-2.644049	1.436185
8	6	0	0.656512	-3.194428	1.514144
9	6	0	1.537026	2.700838	-1.796199
10	6	0	2.249788	-1.448819	2.190872
11	6	0	-2.176759	-0.450577	2.797973
12	6	0	-0.902080	-0.393119	3.389464
13	6	0	-0.144837	0.851094	3.374885
14	6	0	-0.713467	2.019031	2.829437
15	6	0	-2.024718	1.938300	2.211524
16	6	0	-2.530493	-1.586303	1.981677
17	6	0	-1.614172	-2.632772	1.785150
18	6	0	-0.303318	-2.581982	2.404378
19	6	0	0.032936	-1.472362	3.196896
20	6	0	1.248032	0.557388	3.208432
21	6	0	2.077410	1.436303	2.450726
22	6	0	1.495763	2.630429	1.891073
23	6	0	0.110020	2.910322	2.062814
24	6	0	-0.664409	3.378573	0.948970
25	6	0	-1.994730	2.779428	1.032779
26	6	0	-0.071559	3.541287	-0.312581
27	6	0	1.353823	3.262569	-0.490380
28	6	0	2.119705	2.833577	0.610612
29	6	0	1.359342	-0.890053	3.097868
30	6	0	3.179522	0.982060	1.627677
31	6	0	-2.743318	0.737695	2.201471
32	6	0	2.968654	-0.472944	1.313265
33	6	0	2.608311	-0.710942	-2.188657
34	6	0	1.962189	-1.965597	-2.215898

35	6	0	1.947971	-2.893497	-1.068380
36	6	0	2.087926	0.473721	-2.760374
37	6	0	0.831795	0.415028	-3.413065
38	6	0	0.572488	-3.384431	-0.955907
39	6	0	-0.029365	-3.562583	0.312959
40	6	0	-0.196220	-2.891418	-2.057267
41	6	0	-3.314060	-1.106400	0.863431
42	6	0	-3.147524	-1.670598	-0.400146
43	6	0	-3.104018	-0.828740	-1.577382
44	6	0	-3.229653	0.552308	-1.449507
45	6	0	-3.412270	1.142836	-0.137352
46	6	0	-1.439246	-3.216941	0.474917
47	6	0	-2.189253	-2.748091	-0.605846
48	6	0	-2.122994	-1.399566	-2.493756
49	6	0	-1.310350	-0.523969	-3.245892
50	6	0	-1.450561	0.897985	-3.122580
51	6	0	-2.403974	1.452740	-2.238516
52	6	0	-2.061436	2.577798	-1.427055
53	6	0	-2.666590	2.392937	-0.121966
54	6	0	-0.766134	3.151533	-1.507014
55	6	0	0.215608	2.577423	-2.402704
56	6	0	-0.122229	1.485169	-3.206201
57	6	0	-1.582307	-2.582331	-1.904294
58	6	0	0.106762	-0.823032	-3.394715
59	6	0	-3.441593	0.335143	0.995362
60	6	0	0.645594	-1.989049	-2.808084
61	7	0	2.095442	-0.501449	0.066484

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1	6	0	0.698649	0.763491	3.352512
2	6	0	1.276049	1.858495	2.718790
3	6	0	0.449986	2.861238	2.083303
4	6	0	0.203815	-1.508626	3.171353
5	6	0	1.289279	-0.547864	3.210565
6	6	0	2.457296	-0.740395	2.471161
7	6	0	1.105294	3.266204	0.867774
8	6	0	0.364419	3.513657	-0.292912
9	6	0	0.308580	-2.614490	2.337982
10	6	0	2.353047	2.523134	0.755271
11	6	0	1.051156	0.793980	-3.314732
12	6	0	2.147337	1.215657	-2.544906
13	6	0	2.983471	0.228798	-1.884833
14	6	0	2.693452	-1.123041	-1.994610

15	6	0	1.538449	-1.556340	-2.767237
16	6	0	-0.203915	1.508642	-3.171394
17	6	0	-0.308668	2.614542	-2.338051
18	6	0	0.839167	3.074661	-1.577947
19	6	0	2.041833	2.358332	-1.679568
20	6	0	3.405770	0.771503	-0.607716
21	6	0	3.523581	-0.058216	0.500719
22	6	0	3.222073	-1.472973	0.385547
23	6	0	2.811440	-1.988374	-0.840668
24	6	0	1.718379	-2.943896	-0.903538
25	6	0	0.945345	-2.683560	-2.099034
26	6	0	1.082994	-3.344607	0.264511
27	6	0	1.502633	-2.798357	1.533740
28	6	0	2.563807	-1.891554	1.605075
29	6	0	2.812390	2.089727	-0.480684
30	6	0	3.046382	0.394317	1.792808
31	6	0	0.746895	-0.607406	-3.421835
32	6	0	2.464848	1.654351	1.906953
33	6	0	-0.746999	0.607468	3.421705
34	6	0	-1.538605	1.556538	2.767337
35	6	0	-0.945644	2.684015	2.099332
36	6	0	-1.051248	-0.793923	3.314595
37	6	0	-2.147496	-1.215680	2.544924
38	6	0	-1.718502	2.944058	0.903595
39	6	0	-1.083091	3.344665	-0.264512
40	6	0	-2.811456	1.988417	0.840656
41	6	0	-1.289375	0.547862	-3.210626
42	6	0	-2.457345	0.740407	-2.471196
43	6	0	-3.046384	-0.394298	-1.792820
44	6	0	-2.464967	-1.654377	-1.907043
45	6	0	-1.276167	-1.858484	-2.718879
46	6	0	-1.502693	2.798380	-1.533748
47	6	0	-2.563859	1.891572	-1.605102
48	6	0	-3.523559	0.058250	-0.500736
49	6	0	-3.405767	-0.771471	0.607684
50	6	0	-2.812478	-2.089740	0.480639
51	6	0	-2.353176	-2.523177	-0.755337
52	6	0	-1.105451	-3.266324	-0.867893
53	6	0	-0.450197	-2.861453	-2.083553
54	6	0	-0.364522	-3.513554	0.292816
55	6	0	-0.839270	-3.074577	1.577866
56	6	0	-2.041996	-2.358376	1.679571
57	6	0	-3.222050	1.472994	-0.385560
58	6	0	-2.983503	-0.228767	1.884817

59	6	0	-0.698757	-0.763481	-3.352589
60	6	0	-2.693483	1.123090	1.994604
61	16	0	0.001053	-0.000400	0.000395

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1	6	0	-2.161022	-0.944250	-2.051097
2	6	0	-2.470701	-1.597515	-0.866808
3	6	0	-2.864419	-0.835133	0.302751
4	6	0	-0.389229	-0.199462	-3.399205
5	6	0	-1.026589	-1.377944	-2.843778
6	6	0	-0.252381	-2.447195	-2.417003
7	6	0	-2.298602	-1.484036	1.470230
8	6	0	-1.816667	-0.718264	2.521533
9	6	0	0.992877	-0.142671	-3.505617
10	6	0	-1.555003	-2.646516	1.021684
11	6	0	2.253787	-0.964051	2.954748
12	6	0	1.580977	-2.133471	2.634099
13	6	0	1.971797	-2.897699	1.464972
14	6	0	3.017992	-2.457066	0.667612
15	6	0	3.722406	-1.235040	1.003489
16	6	0	1.512784	0.198560	3.404074
17	6	0	0.130782	0.141849	3.510663
18	6	0	-0.573511	-1.080642	3.173435
19	6	0	0.135984	-2.193060	2.745979
20	6	0	0.768782	-3.428134	0.852833
21	6	0	0.665247	-3.496723	-0.528758
22	6	0	1.759746	-3.036655	-1.361275
23	6	0	2.909847	-2.527629	-0.776889
24	6	0	3.546416	-1.349213	-1.333849
25	6	0	4.049110	-0.550202	-0.232778
26	6	0	3.003741	-0.730328	-2.450032
27	6	0	1.800531	-1.262235	-3.061522
28	6	0	1.192163	-2.389260	-2.528963
29	6	0	-0.365447	-2.992829	1.644900
30	6	0	-0.577952	-3.132085	-1.181350
31	6	0	3.349133	-0.504837	2.122311
32	6	0	-1.662993	-2.717796	-0.423247
33	6	0	-2.224628	0.504657	-2.117615
34	6	0	-2.594775	1.233950	-0.996883
35	6	0	-2.921525	0.549081	0.239099
36	6	0	-1.129836	0.963555	-2.950397
37	6	0	-0.457007	2.133142	-2.628951
38	6	0	-2.423233	1.349170	1.340377

39	6	0	-1.880510	0.729857	2.456064
40	6	0	-1.785458	2.526900	0.783082
41	6	0	2.150081	1.376718	2.848234
42	6	0	1.376111	2.446137	2.422295
43	6	0	1.701988	3.131497	1.186863
44	6	0	2.786906	2.716648	0.428998
45	6	0	3.595224	1.596902	0.872872
46	6	0	-0.677089	1.261556	3.067131
47	6	0	-0.068472	2.388760	2.534697
48	6	0	0.459065	3.495797	0.534232
49	6	0	0.355666	3.428521	-0.847534
50	6	0	1.489454	2.992303	-1.639063
51	6	0	2.678867	2.646151	-1.015728
52	6	0	3.421110	1.482687	-1.463802
53	6	0	3.987358	0.834310	-0.296379
54	6	0	2.939573	0.716989	-2.515418
55	6	0	1.696863	1.079800	-3.168321
56	6	0	0.987801	2.192141	-2.740363
57	6	0	-0.635779	3.036552	1.367437
58	6	0	-0.847274	2.897302	-1.459590
59	6	0	3.284723	0.942761	2.055767
60	6	0	-1.893255	2.457238	-0.661722
61	6	0	-6.164255	-1.199063	-0.151207
62	6	0	-6.408451	-0.588472	1.021795
63	6	0	-5.918593	-0.161522	-1.207713
64	1	0	-4.922064	-0.268359	-1.658527
65	1	0	-6.641722	-0.234271	-2.032015
66	1	0	-6.604238	-1.076164	1.969575
67	1	0	-6.125484	-2.265724	-0.333075
68	6	0	-6.052436	1.129897	-0.455378
69	6	0	-6.338490	0.865904	0.831894
70	1	0	-6.474089	1.596987	1.620252
71	1	0	-5.910777	2.105813	-0.902846
72	35	0	0.561215	-0.000459	0.002548

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1	6	0	-1.988265	-0.740901	-2.415947
2	6	0	-2.469483	-1.429677	-1.332975
3	6	0	-3.271329	-0.798262	-0.201278
4	6	0	-0.028775	-0.000206	-3.468959
5	6	0	-0.776030	-1.174810	-3.066007
6	6	0	-0.098361	-2.305455	-2.620469
7	6	0	-2.599632	-1.434334	1.005119

8	6	0	-2.243128	-0.740807	2.133287
9	6	0	1.356993	-0.000184	-3.411616
10	6	0	-1.835064	-2.578947	0.600494
11	6	0	1.727470	-1.174111	3.089816
12	6	0	1.062123	-2.300159	2.627644
13	6	0	1.580363	-3.027728	1.483608
14	6	0	2.738043	-2.594402	0.852902
15	6	0	3.434559	-1.419824	1.340211
16	6	0	0.974497	0.000402	3.488948
17	6	0	-0.409030	0.000376	3.395028
18	6	0	-1.108112	-1.173502	2.911439
19	6	0	-0.384529	-2.304608	2.544117
20	6	0	0.451960	-3.478073	0.694607
21	6	0	0.527948	-3.478305	-0.689771
22	6	0	1.736714	-3.028682	-1.350858
23	6	0	2.817745	-2.595359	-0.595544
24	6	0	3.562376	-1.420597	-1.002432
25	6	0	3.944106	-0.693635	0.192790
26	6	0	3.192749	-0.726275	-2.146001
27	6	0	2.061515	-1.173960	-2.930570
28	6	0	1.348465	-2.299965	-2.543923
29	6	0	-0.758782	-3.027738	1.357797
30	6	0	-0.602361	-3.025958	-1.480578
31	6	0	2.937931	-0.725679	2.434700
32	6	0	-4.816589	-1.120628	-0.312876
33	6	0	-5.447022	-0.668162	0.988732
34	6	0	-5.270983	-0.000084	-1.260346
35	1	0	-4.739308	-0.000172	-2.217018
36	1	0	-6.351695	-0.000108	-1.423458
37	1	0	-5.704300	-1.323382	1.812580
38	1	0	-5.001570	-2.152380	-0.616565
39	6	0	-1.755381	-2.576834	-0.846851
40	6	0	-1.988278	0.740618	-2.416066
41	6	0	-2.469521	1.429572	-1.333220
42	6	0	-3.271344	0.798333	-0.201418
43	6	0	-0.776052	1.174447	-3.066199
44	6	0	-0.098414	2.305190	-2.620863
45	6	0	-2.599669	1.434627	1.004873
46	6	0	-2.243143	0.741298	2.133155
47	6	0	-1.835136	2.579197	0.600060
48	6	0	1.727438	1.174866	3.089607
49	6	0	1.062069	2.300828	2.627259
50	6	0	1.580290	3.028198	1.483089
51	6	0	2.737981	2.594796	0.852456

52	6	0	3.434534	1.420325	1.339969
53	6	0	-1.108136	1.174154	2.911233
54	6	0	-0.384585	2.305220	2.543727
55	6	0	0.451878	3.478376	0.694013
56	6	0	0.527868	3.478377	-0.690364
57	6	0	1.736645	3.028678	-1.351377
58	6	0	2.817689	2.595513	-0.595989
59	6	0	3.562344	1.420697	-1.002676
60	6	0	3.944101	0.693952	0.192672
61	6	0	3.192730	0.726166	-2.146122
62	6	0	2.061483	1.173690	-2.930762
63	6	0	1.348414	2.299752	-2.544319
64	6	0	-0.758856	3.028135	1.357282
65	6	0	-0.602429	3.025863	-1.481089
66	6	0	2.937910	0.726351	2.434570
67	6	0	-4.816593	1.120621	-0.313031
68	6	0	-5.446801	0.668323	0.988749
69	1	0	-5.703916	1.323621	1.812588
70	1	0	-5.001612	2.152323	-0.616872
71	6	0	-1.755438	2.576823	-0.847287
72	35	0	0.489495	-0.001011	0.005478

66_BrT

1	6	0	-2.000477	-0.732690	-2.395779
2	6	0	-2.463881	-1.416443	-1.289309
3	6	0	-3.068464	-0.717833	-0.142401
4	6	0	-0.055762	-0.001463	-3.482427
5	6	0	-0.798482	-1.175986	-3.067092
6	6	0	-0.118219	-2.300932	-2.616261
7	6	0	-2.556174	-1.417746	1.049367
8	6	0	-2.191717	-0.733004	2.189134
9	6	0	1.331128	-0.001496	-3.431502
10	6	0	-1.811329	-2.579921	0.634573
11	6	0	1.791323	-1.172351	3.076266
12	6	0	1.117326	-2.295999	2.622089
13	6	0	1.616559	-3.023816	1.469352
14	6	0	2.765044	-2.592883	0.821746
15	6	0	3.471092	-1.418871	1.298807
16	6	0	1.045964	0.001608	3.489460
17	6	0	-0.340272	0.001636	3.428094
18	6	0	-1.047256	-1.173220	2.954246
19	6	0	-0.330886	-2.300042	2.563672
20	6	0	0.475894	-3.473412	0.697063

21	6	0	0.531993	-3.473687	-0.688909
22	6	0	1.731927	-3.024976	-1.366998
23	6	0	2.823952	-2.594101	-0.627396
24	6	0	3.565192	-1.420243	-1.045507
25	6	0	3.965383	-0.693795	0.144230
26	6	0	3.182314	-0.726685	-2.184262
27	6	0	2.039873	-1.174357	-2.955817
28	6	0	1.329796	-2.297325	-2.556411
29	6	0	-0.725069	-3.023200	1.377795
30	6	0	-0.609652	-3.022101	-1.463750
31	6	0	2.992676	-0.724389	2.400545
32	6	0	-1.753050	-2.580133	-0.813065
33	6	0	-2.000392	0.730879	-2.396438
34	6	0	-2.463699	1.415636	-1.290553
35	6	0	-3.068365	0.718093	-0.143036
36	6	0	-0.798370	1.173486	-3.068148
37	6	0	-0.118014	2.298784	-2.618326
38	6	0	-2.556121	1.419069	1.048112
39	6	0	-2.191625	0.735317	2.188448
40	6	0	-1.811118	2.580799	0.632273
41	6	0	1.791414	1.175150	3.075206
42	6	0	1.117530	2.298484	2.620073
43	6	0	1.616807	3.025171	1.466650
44	6	0	2.765264	2.593603	0.819418
45	6	0	3.471235	1.419971	1.297529
46	6	0	-1.047134	1.176136	2.953187
47	6	0	-0.330688	2.302573	2.561633
48	6	0	0.476188	3.474150	0.693951
49	6	0	0.532297	3.473226	-0.692022
50	6	0	1.732195	3.023809	-1.369726
51	6	0	2.824187	2.593517	-0.629734
52	6	0	3.565325	1.419219	-1.046794
53	6	0	3.965443	0.693815	0.143601
54	6	0	3.182393	0.724653	-2.184933
55	6	0	2.039996	1.171733	-2.956895
56	6	0	1.329998	2.295101	-2.558466
57	6	0	-0.724817	3.024666	1.375083
58	6	0	-0.609394	3.021033	-1.466447
59	6	0	2.992737	0.726507	2.399882
60	6	0	-1.752818	2.579712	-0.815361
61	6	0	-5.229816	-1.153730	-0.295668
62	6	0	-5.627671	-0.701626	0.960720
63	6	0	-5.377697	-0.000457	-1.251312
64	1	0	-4.695893	-0.000910	-2.103891

65	1	0	-6.411172	-0.000688	-1.632248
66	1	0	-5.753088	-1.325532	1.837615
67	1	0	-5.223531	-2.191435	-0.609361
68	6	0	-5.230006	1.153626	-0.296576
69	6	0	-5.627745	0.702433	0.960170
70	1	0	-5.753273	1.327021	1.836563
71	1	0	-5.223878	2.191088	-0.611071
72	35	0	0.474150	-0.000790	0.001488

66_CIINT

1	6	0	2.188829	-0.344962	2.163813
2	6	0	2.594817	-1.097776	1.072640
3	6	0	2.912584	-0.444189	-0.181220
4	6	0	0.317005	0.341610	3.398703
5	6	0	1.099906	-0.811185	2.999162
6	6	0	0.468825	-2.011419	2.709189
7	6	0	2.454775	-1.295639	-1.260054
8	6	0	1.908244	-0.731709	-2.402203
9	6	0	-1.062639	0.243815	3.491848
10	6	0	1.849537	-2.474947	-0.672264
11	6	0	-2.093114	-1.520797	-2.816342
12	6	0	-1.291811	-2.550521	-2.347467
13	6	0	-1.611069	-3.203872	-1.093263
14	6	0	-2.717515	-2.798626	-0.362474
15	6	0	-3.554961	-1.721422	-0.852779
16	6	0	-1.487470	-0.341455	-3.402791
17	6	0	-0.108001	-0.243781	-3.496422
18	6	0	0.729847	-1.320848	-3.007459
19	6	0	0.151110	-2.448770	-2.445548
20	6	0	-0.365358	-3.505964	-0.415753
21	6	0	-0.280573	-3.388794	0.963082
22	6	0	-1.436907	-2.964159	1.727054
23	6	0	-2.628218	-2.675979	1.079256
24	6	0	-3.411624	-1.523806	1.480287
25	6	0	-3.984430	-0.933607	0.286026
26	6	0	-2.968323	-0.709642	2.511270
27	6	0	-1.722503	-1.010713	3.188579
28	6	0	-0.973977	-2.112854	2.805816
29	6	0	0.724214	-3.040038	-1.252110
30	6	0	0.897406	-2.800175	1.570047
31	6	0	-3.249834	-1.096952	-2.052280
32	6	0	1.937712	-2.353487	0.770067
33	6	0	2.079068	1.097440	2.048045

34	6	0	2.383286	1.721245	0.847245
35	6	0	2.813132	0.933469	-0.292025
36	6	0	0.922644	1.521258	2.812452
37	6	0	0.121190	2.550867	2.342794
38	6	0	2.241446	1.524393	-1.486271
39	6	0	1.798311	0.710152	-2.517102
40	6	0	1.457264	2.675881	-1.084734
41	6	0	-2.270694	0.810954	-3.002868
42	6	0	-1.639694	2.010991	-2.713612
43	6	0	-2.068770	2.799659	-1.574719
44	6	0	-3.109410	2.352557	-0.775306
45	6	0	-3.769249	1.097985	-1.078597
46	6	0	0.552045	1.010844	-3.193229
47	6	0	-0.196793	2.113131	-2.810995
48	6	0	-0.890878	3.387957	-0.967815
49	6	0	-0.805924	3.506018	0.410838
50	6	0	-1.895118	3.039365	1.246643
51	6	0	-3.020700	2.474594	0.666702
52	6	0	-3.625228	1.294988	1.254298
53	6	0	-4.088529	0.444512	0.175569
54	6	0	-3.078361	0.731467	2.396606
55	6	0	-1.900227	1.320778	3.002355
56	6	0	-1.321694	2.448512	2.440398
57	6	0	0.265790	2.964047	-1.732357
58	6	0	0.440104	3.203990	1.088423
59	6	0	-3.359843	0.344315	-2.167762
60	6	0	1.546395	2.799029	0.357264
61	6	0	6.028215	-1.039048	0.635233
62	6	0	6.270613	-0.994616	-0.686825
63	6	0	5.924239	0.360945	1.166794
64	1	0	4.939254	0.549404	1.616772
65	1	0	6.669106	0.563110	1.948744
66	1	0	6.374745	-1.846963	-1.347991
67	1	0	5.895634	-1.925810	1.242270
68	6	0	6.142469	1.206464	-0.054311
69	6	0	6.342879	0.407459	-1.117189
70	1	0	6.509052	0.729712	-2.138509
71	1	0	6.115588	2.288858	-0.051349
72	17	0	-0.585302	0.000475	-0.001414

66_CIP

1	6	0	1.965279	0.740423	-2.411159
2	6	0	2.450324	1.430275	-1.331237

3	6	0	3.252195	0.798662	-0.199934
4	6	0	0.007382	0.000146	-3.466738
5	6	0	0.753873	1.173917	-3.062234
6	6	0	0.076514	2.304161	-2.618244
7	6	0	2.579628	1.434782	1.005796
8	6	0	2.217733	0.740484	2.131161
9	6	0	-1.377704	0.000149	-3.409350
10	6	0	1.812363	2.577278	0.601103
11	6	0	-1.750052	1.173720	3.087625
12	6	0	-1.085272	2.299753	2.626722
13	6	0	-1.602711	3.026328	1.482611
14	6	0	-2.760305	2.594244	0.852205
15	6	0	-3.455862	1.419550	1.338755
16	6	0	-0.997583	-0.000114	3.487561
17	6	0	0.385304	-0.000117	3.393636
18	6	0	1.084187	1.173454	2.910610
19	6	0	0.360885	2.303823	2.543259
20	6	0	-0.474230	3.476370	0.694335
21	6	0	-0.549635	3.476481	-0.689208
22	6	0	-1.757855	3.026825	-1.350215
23	6	0	-2.839025	2.594556	-0.595828
24	6	0	-3.582875	1.420113	-1.002634
25	6	0	-3.965255	0.693498	0.191869
26	6	0	-3.212975	0.726104	-2.145535
27	6	0	-2.082390	1.173734	-2.929724
28	6	0	-1.369935	2.299557	-2.543363
29	6	0	0.735709	3.025740	1.357283
30	6	0	0.580599	3.024213	-1.478977
31	6	0	-2.960046	0.725756	2.432988
32	6	0	4.797706	1.120406	-0.311714
33	6	0	5.427616	0.668051	0.989610
34	6	0	5.251267	0.000005	-1.259506
35	1	0	4.719928	0.000047	-2.216329
36	1	0	6.332049	-0.000006	-1.423152
37	1	0	5.685320	1.322836	1.813551
38	1	0	4.982363	2.152062	-0.615600
39	6	0	1.733693	2.575823	-0.845556
40	6	0	1.965260	-0.740234	-2.411214
41	6	0	2.450282	-1.430177	-1.331341
42	6	0	3.252169	-0.798666	-0.199992
43	6	0	0.753848	-1.173665	-3.062316
44	6	0	0.076463	-2.303936	-2.618406
45	6	0	2.579584	-1.434863	1.005687
46	6	0	2.217713	-0.740646	2.131108

47	6	0	1.812296	-2.577319	0.600913
48	6	0	-1.750078	-1.173903	3.087535
49	6	0	-1.085327	-2.299916	2.626537
50	6	0	-1.602791	-3.026408	1.482383
51	6	0	-2.760373	-2.594248	0.852013
52	6	0	-3.455896	-1.419568	1.338651
53	6	0	1.084159	-1.173663	2.910520
54	6	0	0.360830	-2.303997	2.543076
55	6	0	-0.474315	-3.476421	0.694059
56	6	0	-0.549716	-3.476426	-0.689456
57	6	0	-1.757932	-3.026689	-1.350445
58	6	0	-2.839087	-2.594444	-0.596027
59	6	0	-3.582910	-1.419953	-1.002743
60	6	0	-3.965270	-0.693420	0.191817
61	6	0	-3.212992	-0.725862	-2.145590
62	6	0	-2.082416	-1.173458	-2.929810
63	6	0	-1.369988	-2.299328	-2.543529
64	6	0	0.735640	-3.025836	1.357053
65	6	0	0.580534	-3.024095	-1.479207
66	6	0	-2.960063	-0.725865	2.432935
67	6	0	4.797671	-1.120451	-0.311795
68	6	0	5.427600	-0.668209	0.989559
69	1	0	5.685287	-1.323062	1.813452
70	1	0	4.982294	-2.152091	-0.615754
71	6	0	1.733627	-2.575753	-0.845753
72	17	0	-0.502922	-0.000247	0.001804

66_CIT

1	6	0	1.980315	0.728854	-2.393771
2	6	0	2.444897	1.414464	-1.289792
3	6	0	3.050071	0.717840	-0.142282
4	6	0	0.037041	-0.003866	-3.480824
5	6	0	0.778947	1.170563	-3.065951
6	6	0	0.099069	2.295966	-2.618229
7	6	0	2.536624	1.419319	1.047872
8	6	0	2.169278	0.736233	2.186888
9	6	0	-1.349104	-0.003794	-3.429437
10	6	0	1.790951	2.579769	0.631229
11	6	0	-1.811519	1.176530	3.072033
12	6	0	-1.138034	2.299565	2.617576
13	6	0	-1.636498	3.024552	1.463575
14	6	0	-2.784757	2.593641	0.816731
15	6	0	-3.489969	1.420322	1.294811

16	6	0	-1.066712	0.003887	3.488023
17	6	0	0.318797	0.003802	3.426350
18	6	0	1.025612	1.177609	2.951524
19	6	0	0.309765	2.303367	2.559475
20	6	0	-0.495907	3.472936	0.691359
21	6	0	-0.551447	3.470965	-0.693853
22	6	0	-1.750631	3.021075	-1.371324
23	6	0	-2.842688	2.592011	-0.632013
24	6	0	-3.583345	1.417915	-1.048359
25	6	0	-3.984015	0.693680	0.141827
26	6	0	-3.200241	0.723073	-2.185530
27	6	0	-2.058042	1.169551	-2.956967
28	6	0	-1.348580	2.293019	-2.559690
29	6	0	0.704274	3.023418	1.372657
30	6	0	0.590128	3.018189	-1.467047
31	6	0	-3.012382	0.727916	2.397395
32	6	0	1.733526	2.578261	-0.815902
33	6	0	1.980301	-0.734208	-2.392132
34	6	0	2.444854	-1.417390	-1.286634
35	6	0	3.050024	-0.718230	-0.140664
36	6	0	0.778920	-1.177363	-3.063305
37	6	0	0.099016	-2.301783	-2.613156
38	6	0	2.536556	-1.417045	1.051020
39	6	0	2.169251	-0.731447	2.188523
40	6	0	1.790852	-2.578400	0.636940
41	6	0	-1.811538	-1.169680	3.074654
42	6	0	-1.138092	-2.293721	2.622642
43	6	0	-1.636587	-3.021240	1.470252
44	6	0	-2.784833	-2.591738	0.822461
45	6	0	-3.490029	-1.417357	1.297968
46	6	0	1.025576	-1.171092	2.954154
47	6	0	0.309700	-2.297694	2.564575
48	6	0	-0.496007	-3.471355	0.699045
49	6	0	-0.551543	-3.472522	-0.686168
50	6	0	-1.750706	-3.024074	-1.364635
51	6	0	-2.842777	-2.593350	-0.626283
52	6	0	-3.583396	-1.420164	-1.045225
53	6	0	-3.984019	-0.693265	0.143363
54	6	0	-3.200252	-0.727831	-2.183921
55	6	0	-2.058070	-1.176055	-2.954348
56	6	0	-1.348638	-2.298670	-2.554612
57	6	0	0.704188	-3.020382	1.379350
58	6	0	0.590043	-3.021475	-1.460372
59	6	0	-3.012382	-0.722518	2.398997

60	6	0	1.733451	-2.580130	-0.810195
61	6	0	5.208568	1.153074	-0.297754
62	6	0	5.608178	0.703179	0.959270
63	6	0	5.356666	-0.001745	-1.251536
64	1	0	4.674803	-0.002891	-2.104108
65	1	0	6.390076	-0.002288	-1.632577
66	1	0	5.734505	1.328772	1.834816
67	1	0	5.202648	2.190247	-0.613301
68	6	0	5.208508	-1.153920	-0.294568
69	6	0	5.608141	-0.700560	0.961211
70	1	0	5.734449	-1.323744	1.838475
71	1	0	5.202620	-2.191966	-0.607228
72	17	0	-0.518540	-0.000059	0.002371

66_FINT

1	6	0	2.202016	0.524486	-2.059272
2	6	0	2.553483	1.240680	-0.927645
3	6	0	2.871099	0.548542	0.302907
4	6	0	0.387235	-0.160243	-3.369698
5	6	0	1.120560	0.994853	-2.899093
6	6	0	0.444637	2.164076	-2.586046
7	6	0	2.342882	1.332288	1.398104
8	6	0	1.783307	0.705488	2.497826
9	6	0	-0.990927	-0.098005	-3.509886
10	6	0	1.711779	2.513171	0.845626
11	6	0	-2.252694	1.359132	2.834923
12	6	0	-1.471001	2.432570	2.433287
13	6	0	-1.776646	3.130787	1.199174
14	6	0	-2.851169	2.726140	0.419577
15	6	0	-3.667647	1.602334	0.838987
16	6	0	-1.625427	0.174558	3.387147
17	6	0	-0.245115	0.112464	3.506801
18	6	0	0.570117	1.233420	3.088561
19	6	0	-0.028765	2.369820	2.566260
20	6	0	-0.521761	3.499224	0.571186
21	6	0	-0.395629	3.443889	-0.808948
22	6	0	-1.517463	3.019367	-1.623994
23	6	0	-2.718817	2.669611	-1.024390
24	6	0	-3.453690	1.510252	-1.496585
25	6	0	-4.039917	0.851030	-0.344758
26	6	0	-2.954862	0.754246	-2.547916
27	6	0	-1.699808	1.121805	-3.175536
28	6	0	-0.997103	2.228486	-2.723829

29	6	0	0.557832	3.027282	1.416492
30	6	0	0.815375	2.914546	-1.404535
31	6	0	-3.375036	0.934605	2.019771
32	6	0	1.843191	2.457041	-0.594754
33	6	0	2.148757	-0.922820	-2.018626
34	6	0	2.426275	-1.581160	-0.832846
35	6	0	2.801120	-0.831998	0.349452
36	6	0	1.018855	-1.341994	-2.820352
37	6	0	0.237919	-2.412359	-2.419362
38	6	0	2.211935	-1.488308	1.497906
39	6	0	1.724085	-0.739882	2.554534
40	6	0	1.476338	-2.642602	1.026413
41	6	0	-2.360253	-0.981805	2.915893
42	6	0	-1.676857	-2.142625	2.587586
43	6	0	-2.048236	-2.893433	1.406217
44	6	0	-3.086908	-2.450328	0.601291
45	6	0	-3.797766	-1.232682	0.938855
46	6	0	0.466583	-1.104282	3.171574
47	6	0	-0.235590	-2.209382	2.722536
48	6	0	-0.835785	-3.420405	0.813760
49	6	0	-0.708715	-3.474063	-0.563553
50	6	0	-1.789479	-3.002687	-1.404811
51	6	0	-2.954874	-2.506577	-0.840577
52	6	0	-3.582709	-1.323598	-1.396655
53	6	0	-4.103247	-0.534551	-0.296001
54	6	0	-3.020659	-0.694047	-2.497561
55	6	0	-1.806263	-1.219405	-3.091406
56	6	0	-1.202485	-2.345813	-2.553884
57	6	0	0.284407	-3.003020	1.629601
58	6	0	0.544942	-3.117485	-1.193801
59	6	0	-3.442509	-0.513997	2.071553
60	6	0	1.609099	-2.701011	-0.413779
61	6	0	6.010181	1.156696	-0.455575
62	6	0	6.338948	0.890621	0.821039
63	6	0	5.847228	-0.133334	-1.204238
64	1	0	4.836906	-0.237225	-1.622882
65	1	0	6.543706	-0.207272	-2.051226
66	1	0	6.503130	1.620468	1.605194
67	1	0	5.856398	2.133531	-0.897098
68	6	0	6.123721	-1.172563	-0.157585
69	6	0	6.410631	-0.564230	1.006984
70	1	0	6.637210	-1.053918	1.946845
71	1	0	6.074867	-2.238792	-0.339490
72	9	0	0.183939	-0.457079	0.028077

66_FP

1	6	0	1.949304	0.736594	-2.434944
2	6	0	2.398642	1.407694	-1.326444
3	6	0	3.206934	0.788924	-0.196831
4	6	0	-0.023585	-0.004543	-3.463219
5	6	0	0.726986	1.168044	-3.063673
6	6	0	0.046042	2.298864	-2.622063
7	6	0	2.528774	1.417740	1.006269
8	6	0	2.199407	0.742943	2.154570
9	6	0	-1.410405	-0.004492	-3.410158
10	6	0	1.772367	2.564113	0.599436
11	6	0	-1.788315	1.178144	3.091528
12	6	0	-1.119238	2.299983	2.624446
13	6	0	-1.638064	3.026416	1.478962
14	6	0	-2.798729	2.597354	0.849742
15	6	0	-3.495475	1.422362	1.338073
16	6	0	-1.034553	0.004596	3.491886
17	6	0	0.349451	0.004494	3.393613
18	6	0	1.052487	1.175432	2.911361
19	6	0	0.326980	2.305715	2.544105
20	6	0	-0.507502	3.474499	0.691326
21	6	0	-0.582140	3.472645	-0.692647
22	6	0	-1.791167	3.022365	-1.352807
23	6	0	-2.876892	2.595668	-0.599623
24	6	0	-3.622517	1.420305	-1.005848
25	6	0	-4.005352	0.694343	0.190834
26	6	0	-3.248789	0.723758	-2.147850
27	6	0	-2.116984	1.169549	-2.933963
28	6	0	-1.400123	2.292359	-2.545165
29	6	0	0.700546	3.021959	1.355497
30	6	0	0.547234	3.016295	-1.481054
31	6	0	-2.998305	0.729527	2.434149
32	6	0	4.748674	1.121263	-0.310068
33	6	0	5.382361	0.669566	0.991893
34	6	0	5.206326	-0.001466	-1.255804
35	1	0	4.674574	-0.002744	-2.212569
36	1	0	6.287330	-0.001630	-1.418788
37	1	0	5.641279	1.325159	1.815096
38	1	0	4.937493	2.152024	-0.615614
39	6	0	1.694199	2.559827	-0.844561
40	6	0	1.949357	-0.742897	-2.433113
41	6	0	2.398838	-1.411045	-1.322886

42	6	0	3.206961	-0.789142	-0.194759
43	6	0	0.727050	-1.176102	-3.060695
44	6	0	0.046211	-2.305769	-2.615969
45	6	0	2.528786	-1.414763	1.009930
46	6	0	2.199498	-0.737031	2.156582
47	6	0	1.772638	-2.562382	0.606161
48	6	0	-1.788272	-1.169996	3.094589
49	6	0	-1.119030	-2.292991	2.630515
50	6	0	-1.637750	-3.022553	1.486980
51	6	0	-2.798458	-2.595301	0.856616
52	6	0	-3.495343	-1.419071	1.341784
53	6	0	1.052599	-1.167610	2.914361
54	6	0	0.327184	-2.298923	2.550126
55	6	0	-0.507211	-3.472655	0.700488
56	6	0	-0.581850	-3.474396	-0.683479
57	6	0	-1.790903	-3.025957	-1.344830
58	6	0	-2.876649	-2.597414	-0.592767
59	6	0	-3.622344	-1.423138	-1.002064
60	6	0	-4.005227	-0.694070	0.192656
61	6	0	-3.248717	-0.729623	-2.145903
62	6	0	-2.116900	-1.177386	-2.930932
63	6	0	-1.399939	-2.299073	-2.539110
64	6	0	0.700840	-3.018301	1.363443
65	6	0	0.547529	-3.020084	-1.473058
66	6	0	-2.998271	-0.723261	2.436014
67	6	0	4.748781	-1.121793	-0.307167
68	6	0	5.382472	-0.666788	0.993547
69	1	0	5.641522	-1.320280	1.818381
70	1	0	4.937547	-2.153333	-0.610087
71	6	0	1.694493	-2.561886	-0.837836
72	9	0	0.647835	-0.000869	-0.070842

66_FT

1	6	0	-1.965000	-2.093468	-1.367108
2	6	0	-2.409240	-1.893690	-0.076305
3	6	0	-3.003920	-0.625128	0.359744
4	6	0	-0.017557	-2.225449	-2.662688
5	6	0	-0.760094	-2.857722	-1.591528
6	6	0	-0.077677	-3.434991	-0.528744
7	6	0	-2.488408	-0.396482	1.715555
8	6	0	-2.134399	0.856284	2.165255
9	6	0	1.369212	-2.201736	-2.634563
10	6	0	-1.751692	-1.556432	2.139359

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11	6	0	1.862057	1.069627	3.109216
12	6	0	1.182433	-0.082220	3.477689
13	6	0	1.676695	-1.379793	3.058543
14	6	0	2.825969	-1.470400	2.286011
15	6	0	3.533452	-0.266165	1.897128
16	6	0	1.117047	2.236167	2.675725
17	6	0	-0.268411	2.195075	2.626555
18	6	0	-0.979419	0.994974	3.018703
19	6	0	-0.265589	-0.120108	3.441043
20	6	0	0.531150	-2.215534	2.758339
21	6	0	0.581315	-3.102672	1.695699
22	6	0	1.779419	-3.194982	0.885081
23	6	0	2.879426	-2.400087	1.173061
24	6	0	3.618088	-1.769763	0.095693
25	6	0	4.022887	-0.450523	0.543818
26	6	0	3.227353	-1.967196	-1.221405
27	6	0	2.080125	-2.801691	-1.521727
28	6	0	1.369777	-3.399799	-0.491332
29	6	0	-0.665757	-1.430860	2.993422
30	6	0	-0.563997	-3.247284	0.816956
31	6	0	3.059613	0.975224	2.299463
32	6	0	-1.700168	-2.482303	1.031281
33	6	0	-1.966142	-0.973228	-2.303066
34	6	0	-2.406593	0.262422	-1.875882
35	6	0	-3.002723	0.464396	-0.552080
36	6	0	-0.761796	-1.060020	-3.094842
37	6	0	-0.077454	0.087989	-3.472896
38	6	0	-2.492355	1.761001	-0.086064
39	6	0	-2.135470	1.979341	1.226419
40	6	0	-1.750867	2.381902	-1.151537
41	6	0	1.860390	2.869803	1.603927
42	6	0	1.182661	3.437926	0.535372
43	6	0	1.678679	3.255347	-0.816112
44	6	0	2.827977	2.509837	-1.040313
45	6	0	3.533487	1.913582	0.077033
46	6	0	-0.979439	2.794696	1.515166
47	6	0	-0.264777	3.407153	0.492697
48	6	0	0.532190	3.107750	-1.690727
49	6	0	0.582509	2.219295	-2.752205
50	6	0	1.780359	1.438479	-2.986950
51	6	0	2.880447	1.580118	-2.152329
52	6	0	3.618511	0.408149	-1.723854
53	6	0	4.023879	0.614621	-0.345363
54	6	0	3.227193	-0.853070	-2.152042

55	6	0	2.080643	-1.000036	-3.025906
56	6	0	1.370426	0.119944	-3.432242
57	6	0	-0.664959	3.198734	-0.876248
58	6	0	-0.562094	1.379483	-3.051241
59	6	0	3.059110	2.090046	1.369657
60	6	0	-1.697464	1.456140	-2.259834
61	6	0	-5.214522	-1.065354	0.536957
62	6	0	-5.612956	0.094846	1.186454
63	6	0	-5.338724	-0.819199	-0.942903
64	1	0	-4.632802	-1.362471	-1.574115
65	1	0	-6.360484	-1.094030	-1.251360
66	1	0	-5.745330	0.198528	2.256784
67	1	0	-5.197065	-2.054733	0.979355
68	6	0	-5.225593	0.680590	-0.979925
69	6	0	-5.618509	1.159119	0.261856
70	1	0	-5.755030	2.203811	0.514206
71	1	0	-5.213049	1.255797	-1.898431
72	9	0	-0.431170	-0.013659	-0.031105

66_IINT

1	6	0	-2.147392	-0.730457	-2.195654
2	6	0	-2.531551	-1.422474	-1.053125
3	6	0	-2.934367	-0.694284	0.137150
4	6	0	-0.292562	-0.005642	-3.443461
5	6	0	-1.001031	-1.180200	-2.965691
6	6	0	-0.289998	-2.303229	-2.560343
7	6	0	-2.442954	-1.419455	1.295312
8	6	0	-1.972195	-0.722958	2.400932
9	6	0	1.096056	-0.005662	-3.495757
10	6	0	-1.733745	-2.594682	0.820808
11	6	0	2.070846	-1.170035	2.972552
12	6	0	1.360194	-2.294455	2.571696
13	6	0	1.764016	-3.022855	1.381683
14	6	0	2.860719	-2.594890	0.643789
15	6	0	3.603503	-1.419023	1.062581
16	6	0	1.362050	0.005762	3.446707
17	6	0	-0.026371	0.005782	3.499416
18	6	0	-0.769495	-1.169940	3.081236
19	6	0	-0.091145	-2.294906	2.627995
20	6	0	0.562249	-3.473114	0.701877
21	6	0	0.508995	-3.475842	-0.686439
22	6	0	1.654836	-3.027775	-1.457967
23	6	0	2.804550	-2.597284	-0.807547

24	6	0	3.512809	-1.422814	-1.285647
25	6	0	4.006532	-0.694684	-0.129863
26	6	0	3.041294	-0.730041	-2.393658
27	6	0	1.839107	-1.179773	-3.073525
28	6	0	1.161237	-2.302973	-2.616050
29	6	0	-0.584094	-3.023352	1.472516
30	6	0	-0.693140	-3.027622	-1.367723
31	6	0	3.216962	-0.722429	2.200964
32	6	0	-1.789624	-2.597549	-0.630850
33	6	0	-2.147486	0.723145	-2.198028
34	6	0	-2.531695	1.418850	-1.057755
35	6	0	-2.934364	0.694494	0.134874
36	6	0	-1.001181	1.170434	-2.969532
37	6	0	-0.290240	2.294837	-2.567950
38	6	0	-2.443031	1.423535	1.290650
39	6	0	-1.972242	0.730749	2.398589
40	6	0	-1.733995	2.597271	0.812264
41	6	0	2.070700	1.180035	2.968699
42	6	0	1.359955	2.303065	2.564060
43	6	0	1.763702	3.027627	1.371703
44	6	0	2.860433	2.597260	0.635279
45	6	0	3.603353	1.422866	1.057947
46	6	0	-0.769603	1.180056	3.077432
47	6	0	-0.091358	2.303572	2.620402
48	6	0	0.561857	3.475560	0.690461
49	6	0	0.508595	3.473582	-0.697844
50	6	0	1.654514	3.023123	-1.467868
51	6	0	2.804284	2.594903	-0.816072
52	6	0	3.512721	1.418964	-1.290289
53	6	0	4.006491	0.694681	-0.132125
54	6	0	3.041237	0.722490	-2.395983
55	6	0	1.838995	1.169895	-3.077306
56	6	0	1.161017	2.294527	-2.623605
57	6	0	-0.584401	3.028202	1.462586
58	6	0	-0.693455	3.023047	-1.377684
59	6	0	3.216864	0.729976	2.198592
60	6	0	-1.789910	2.595383	-0.639364
61	6	0	-6.091532	-1.176419	-0.298232
62	6	0	-6.304028	-0.730952	0.953089
63	6	0	-5.942733	-0.003669	-1.222911
64	1	0	-4.966320	-0.005373	-1.727293
65	1	0	-6.703743	-0.005859	-2.015468
66	1	0	-6.430597	-1.343315	1.838106
67	1	0	-6.014452	-2.208654	-0.615903

68	6	0	-6.091003	1.174587	-0.305168
69	6	0	-6.303724	0.736591	0.948757
70	1	0	-6.429982	1.354204	1.830162
71	1	0	-6.013371	2.204895	-0.628930
72	53	0	0.534119	-0.000309	0.002072

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1	6	0	-2.013372	-0.741789	-2.423226
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3	6	0	-3.285539	-0.798035	-0.196915
4	6	0	-0.050163	0.001075	-3.476621
5	6	0	-0.798713	-1.175837	-3.073021
6	6	0	-0.118669	-2.307478	-2.623877
7	6	0	-2.615937	-1.436119	1.013399
8	6	0	-2.261530	-0.742413	2.145642
9	6	0	1.337388	0.001251	-3.418094
10	6	0	-1.854559	-2.584336	0.604528
11	6	0	1.718244	-1.175150	3.092295
12	6	0	1.051150	-2.303203	2.629837
13	6	0	1.568412	-3.031828	1.484000
14	6	0	2.726570	-2.596700	0.850402
15	6	0	3.423105	-1.420480	1.337261
16	6	0	0.964302	0.000617	3.494032
17	6	0	-0.421497	0.000446	3.403198
18	6	0	-1.122537	-1.176468	2.920900
19	6	0	-0.397888	-2.308730	2.548451
20	6	0	0.437561	-3.483700	0.694929
21	6	0	0.512133	-3.483436	-0.691463
22	6	0	1.721328	-3.031160	-1.354062
23	6	0	2.805270	-2.596646	-0.600174
24	6	0	3.550094	-1.420299	-1.009590
25	6	0	3.931799	-0.693175	0.187840
26	6	0	3.177431	-0.725702	-2.154594
27	6	0	2.043244	-1.174687	-2.937450
28	6	0	1.330325	-2.302537	-2.548735
29	6	0	-0.774567	-3.032998	1.360613
30	6	0	-0.621428	-3.031389	-1.483070
31	6	0	2.930567	-0.726242	2.436195
32	6	0	-4.830890	-1.120332	-0.312656
33	6	0	-5.465377	-0.668163	0.986988
34	6	0	-5.281995	0.000272	-1.261837
35	1	0	-4.746507	0.000380	-2.216181
36	1	0	-6.361965	0.000169	-1.428914

37	1	0	-5.725719	-1.324470	1.808868
38	1	0	-5.014981	-2.151690	-0.617416
39	6	0	-1.775371	-2.582144	-0.846051
40	6	0	-2.013475	0.743238	-2.423007
41	6	0	-2.485872	1.431310	-1.332053
42	6	0	-3.285709	0.798870	-0.196790
43	6	0	-0.798925	1.177676	-3.072663
44	6	0	-0.119155	2.309296	-2.623296
45	6	0	-2.616215	1.436809	1.013593
46	6	0	-2.261613	0.743012	2.145669
47	6	0	-1.854955	2.585054	0.604908
48	6	0	1.717929	1.176587	3.092387
49	6	0	1.050575	2.304439	2.630058
50	6	0	1.567600	3.033244	1.484380
51	6	0	2.725824	2.598654	0.850781
52	6	0	3.422656	1.422646	1.337446
53	6	0	-1.122747	1.177206	2.920957
54	6	0	-0.398365	2.309588	2.548657
55	6	0	0.436745	3.484837	0.695442
56	6	0	0.511309	3.484822	-0.690797
57	6	0	1.720516	3.033134	-1.353433
58	6	0	2.804521	2.598881	-0.599680
59	6	0	3.549633	1.422899	-1.009302
60	6	0	3.931579	0.695703	0.187955
61	6	0	3.177194	0.728438	-2.154419
62	6	0	2.042924	1.177241	-2.937163
63	6	0	1.329745	2.304738	-2.548178
64	6	0	-0.775146	3.033811	1.360980
65	6	0	-0.622026	3.032725	-1.482398
66	6	0	2.930341	0.728140	2.436264
67	6	0	-4.831086	1.120791	-0.312377
68	6	0	-5.464941	0.668163	0.987425
69	1	0	-5.724999	1.324130	1.809676
70	1	0	-5.015428	2.152177	-0.616902
71	6	0	-1.775762	2.583111	-0.845528
72	53	0	0.439831	-0.005377	0.005387

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1	6	0	-2.032930	-0.741166	-2.391739
2	6	0	-2.490531	-1.422274	-1.278049
3	6	0	-3.092232	-0.719426	-0.129838
4	6	0	-0.087990	-0.011742	-3.486405
5	6	0	-0.830838	-1.186786	-3.064972

6	6	0	-0.147989	-2.312088	-2.610630
7	6	0	-2.578298	-1.416458	1.065611
8	6	0	-2.209820	-0.727820	2.204894
9	6	0	1.300793	-0.011569	-3.438478
10	6	0	-1.835698	-2.582960	0.650310
11	6	0	1.782434	-1.165012	3.080506
12	6	0	1.105857	-2.291985	2.630330
13	6	0	1.601997	-3.024012	1.477132
14	6	0	2.750523	-2.594031	0.823698
15	6	0	3.457258	-1.416820	1.295590
16	6	0	1.036960	0.011744	3.493252
17	6	0	-0.351302	0.011531	3.435269
18	6	0	-1.060829	-1.166987	2.967218
19	6	0	-0.344772	-2.296320	2.575472
20	6	0	0.457181	-3.476756	0.708198
21	6	0	0.509457	-3.481052	-0.679679
22	6	0	1.709191	-3.032971	-1.362927
23	6	0	2.805648	-2.598746	-0.627853
24	6	0	3.546136	-1.424431	-1.053151
25	6	0	3.948854	-0.694046	0.135883
26	6	0	3.158571	-0.734024	-2.195283
27	6	0	2.011865	-1.185319	-2.961620
28	6	0	1.302447	-2.309069	-2.555343
29	6	0	-0.743807	-3.023493	1.391296
30	6	0	-0.636624	-3.031544	-1.453830
31	6	0	2.983986	-0.718588	2.400116
32	6	0	-1.780770	-2.587909	-0.800009
33	6	0	-2.032956	0.724961	-2.396603
34	6	0	-2.490605	1.413509	-1.287542
35	6	0	-3.092224	0.718354	-0.134614
36	6	0	-0.830860	1.166079	-3.072803
37	6	0	-0.148078	2.294433	-2.626108
38	6	0	-2.578333	1.423378	1.056137
39	6	0	-2.209823	0.742449	2.200006
40	6	0	-1.835780	2.587073	0.632979
41	6	0	1.782407	1.185739	3.072683
42	6	0	1.105764	2.309638	2.614875
43	6	0	1.601874	3.033936	1.456817
44	6	0	2.750424	2.599617	0.806266
45	6	0	3.457161	1.425610	1.286055
46	6	0	-1.060836	1.186832	2.959360
47	6	0	-0.344853	2.313567	2.559988
48	6	0	0.457038	3.481480	0.684839
49	6	0	0.509320	3.476338	-0.703040

50	6	0	1.709040	3.023755	-1.383296
51	6	0	2.805566	2.594659	-0.645288
52	6	0	3.546056	1.417482	-1.062649
53	6	0	3.948814	0.695089	0.131236
54	6	0	3.158549	0.719364	-2.200125
55	6	0	2.011849	1.165403	-2.969479
56	6	0	1.302364	2.291812	-2.570813
57	6	0	-0.743960	3.032740	1.370945
58	6	0	-0.636737	3.021618	-1.474131
59	6	0	2.983953	0.734791	2.395282
60	6	0	-1.780856	2.582349	-0.817347
61	6	0	-5.255563	-1.154514	-0.292190
62	6	0	-5.660302	-0.699117	0.960785
63	6	0	-5.397132	-0.003877	-1.251502
64	1	0	-4.710778	-0.006554	-2.100185
65	1	0	-6.428072	-0.005038	-1.639039
66	1	0	-5.791810	-1.320818	1.838084
67	1	0	-5.247176	-2.192724	-0.603503
68	6	0	-5.255421	1.152735	-0.299424
69	6	0	-5.660197	0.705253	0.956390
70	1	0	-5.791590	1.332460	1.829780
71	1	0	-5.246878	2.188989	-0.617199
72	53	0	0.472716	0.000024	0.001436

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1	6	0	2.363869	1.906681	-0.438878
2	6	0	2.548493	1.374556	0.861957
3	6	0	2.876527	-0.041619	1.051948
4	6	0	0.720447	2.664650	-1.943578
5	6	0	1.316923	2.903531	-0.650576
6	6	0	0.528161	3.344587	0.415378
7	6	0	2.107768	-0.483752	2.230054
8	6	0	1.394155	-1.700190	2.275716
9	6	0	-0.657592	2.867253	-2.141855
10	6	0	1.426661	0.672221	2.764357
11	6	0	-2.663758	-1.430121	2.507756
12	6	0	-1.916271	-0.515937	3.253445
13	6	0	-2.133398	0.912917	3.092074
14	6	0	-3.119677	1.371615	2.190243
15	6	0	-3.890930	0.433506	1.435011
16	6	0	-2.063844	-2.642627	1.961205
17	6	0	-0.666277	-2.843516	2.103725
18	6	0	0.119033	-1.862406	2.866459

19	6	0	-0.499220	-0.735990	3.463137
20	6	0	-0.856164	1.561637	3.169286
21	6	0	-0.558839	2.670361	2.349549
22	6	0	-1.574573	3.142828	1.414563
23	6	0	-2.808780	2.503327	1.333955
24	6	0	-3.416643	2.267576	0.036951
25	6	0	-4.072259	0.970074	0.099579
26	6	0	-2.759018	2.659440	-1.123810
27	6	0	-1.472432	3.330435	-1.040407
28	6	0	-0.897004	3.564790	0.207374
29	6	0	0.157267	0.535200	3.368715
30	6	0	0.725182	2.818380	1.742614
31	6	0	-3.680414	-0.958439	1.590934
32	6	0	6.380324	0.928169	0.782949
33	6	0	6.856133	-0.308059	1.022238
34	6	0	5.845360	0.990241	-0.613818
35	1	0	4.771827	1.234903	-0.619773
36	1	0	6.334716	1.764332	-1.223231
37	1	0	7.262745	-0.668396	1.961481
38	1	0	6.319009	1.749114	1.486630
39	6	0	1.730642	1.821653	1.944867
40	6	0	2.413848	1.065091	-1.596745
41	6	0	2.659173	-0.343443	-1.443416
42	6	0	2.903036	-0.846301	-0.098495
43	6	0	1.374881	1.498760	-2.504475
44	6	0	0.612956	0.576364	-3.239109
45	6	0	2.273732	-2.207230	-0.039843
46	6	0	1.301632	-2.485605	1.030366
47	6	0	1.359169	-2.328869	-1.198274
48	6	0	-2.647442	-2.862913	0.670567
49	6	0	-1.883311	-3.340376	-0.411603
50	6	0	-2.055750	-2.775557	-1.723600
51	6	0	-3.036442	-1.769301	-1.945848
52	6	0	-3.838497	-1.304452	-0.847649
53	6	0	0.098083	-3.407382	1.039032
54	6	0	-0.469305	-3.652182	-0.237099
55	6	0	-0.739962	-2.659001	-2.302548
56	6	0	-0.448447	-1.532485	-3.126024
57	6	0	-1.445442	-0.525091	-3.341245
58	6	0	-2.732461	-0.641546	-2.779062
59	6	0	-3.360462	0.540922	-2.218308
60	6	0	-4.048335	0.131759	-1.009824
61	6	0	-2.734333	1.788803	-2.283858
62	6	0	-1.430607	1.915282	-2.898616

63	6	0	-0.801205	0.776830	-3.432725
64	6	0	0.239743	-3.298663	-1.450218
65	6	0	0.834260	-0.847800	-3.065874
66	6	0	-3.648447	-1.821172	0.441525
67	6	0	6.086220	-0.392562	-1.135718
68	6	0	6.673790	-1.133759	-0.177126
69	1	0	6.925502	-2.186612	-0.243961
70	1	0	5.759043	-0.725454	-2.112414
71	6	0	1.790191	-1.250068	-2.141784
72	7	0	0.926632	-1.504863	0.008302

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1	6	0	-2.022941	-2.467609	-0.448792
2	6	0	-2.471738	-1.781570	0.694825
3	6	0	-3.259126	-0.467413	0.635890
4	6	0	-0.052236	-3.129545	-1.571995
5	6	0	-0.801998	-3.247448	-0.336531
6	6	0	-0.117773	-3.362978	0.875126
7	6	0	-2.551209	0.333892	1.761651
8	6	0	-2.088507	1.633844	1.647727
9	6	0	1.354268	-3.114292	-1.546485
10	6	0	-1.796093	-0.566617	2.565474
11	6	0	1.877426	2.180119	2.431766
12	6	0	1.195135	1.272597	3.244381
13	6	0	1.654671	-0.093486	3.394920
14	6	0	2.840567	-0.505790	2.712101
15	6	0	3.534036	0.425675	1.882101
16	6	0	1.186051	3.139514	1.599826
17	6	0	-0.235968	3.100155	1.520171
18	6	0	-0.950359	2.130766	2.351929
19	6	0	-0.259733	1.252758	3.201540
20	6	0	0.510650	-0.944409	3.424844
21	6	0	0.523633	-2.206293	2.781254
22	6	0	1.730902	-2.628709	2.077125
23	6	0	2.843958	-1.783448	2.035549
24	6	0	3.607257	-1.663960	0.802912
25	6	0	4.019308	-0.279678	0.697378
26	6	0	3.207092	-2.360600	-0.339312
27	6	0	2.055730	-3.235672	-0.297292
28	6	0	1.332172	-3.365156	0.902331
29	6	0	-0.681594	-0.114174	3.295840
30	6	0	-0.603530	-2.676967	2.050878
31	6	0	3.098943	1.760855	1.744813

32	6	0	-4.787259	-0.725842	0.942792
33	6	0	-5.454695	0.630980	1.057883
34	6	0	-5.284531	-1.176621	-0.442947
35	1	0	-4.721926	-2.031494	-0.831428
36	1	0	-6.363978	-1.373376	-0.467591
37	1	0	-5.652595	1.142197	1.994227
38	1	0	-4.924494	-1.414784	1.779476
39	6	0	-1.775534	-1.871209	1.915247
40	6	0	-2.012345	-1.835963	-1.755830
41	6	0	-2.486688	-0.515279	-1.922439
42	6	0	-3.355410	0.190281	-0.833206
43	6	0	-0.783590	-2.220182	-2.419642
44	6	0	-0.072806	-1.311965	-3.226678
45	6	0	-2.654482	1.546647	-0.828531
46	6	0	-1.945905	2.192017	0.289222
47	6	0	-1.590359	1.655191	-1.848835
48	6	0	1.929710	3.245538	0.371500
49	6	0	1.273782	3.382062	-0.859823
50	6	0	1.744710	2.659517	-2.020377
51	6	0	2.896733	1.844949	-1.923840
52	6	0	3.593762	1.730975	-0.673826
53	6	0	-0.905705	3.297927	0.281389
54	6	0	-0.179767	3.427871	-0.927018
55	6	0	0.574048	2.210383	-2.738374
56	6	0	0.610300	0.934815	-3.385750
57	6	0	1.783156	0.120263	-3.276483
58	6	0	2.924721	0.558242	-2.583331
59	6	0	3.630139	-0.372345	-1.732867
60	6	0	4.037232	0.356596	-0.537202
61	6	0	3.234925	-1.706910	-1.634290
62	6	0	2.076179	-2.165787	-2.374461
63	6	0	1.376223	-1.280189	-3.189556
64	6	0	-0.610088	2.751112	-2.128306
65	6	0	-0.528996	0.039052	-3.345345
66	6	0	3.121994	2.409077	0.471097
67	6	0	-4.898378	0.147763	-1.122975
68	6	0	-5.526092	1.149478	-0.172447
69	1	0	-5.790533	2.168969	-0.435176
70	1	0	-5.132754	0.260960	-2.183859
71	6	0	-1.694433	0.399603	-2.647492
72	7	0	-1.292996	1.093297	-0.467269

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1	6	0	2.048919	2.382018	-0.626644
2	6	0	2.482714	1.780587	0.577824
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4	6	0	0.107366	2.989723	-1.823406
5	6	0	0.845309	3.205516	-0.596105
6	6	0	0.157870	3.425552	0.597884
7	6	0	2.503756	-0.240290	1.798589
8	6	0	2.002055	-1.544989	1.802780
9	6	0	-1.299277	2.996084	-1.815948
10	6	0	1.757691	0.744343	2.527083
11	6	0	-1.974799	-1.934591	2.582757
12	6	0	-1.275977	-0.979101	3.322256
13	6	0	-1.711585	0.405624	3.347918
14	6	0	-2.878777	0.779890	2.625417
15	6	0	-3.594763	-0.201114	1.876559
16	6	0	-1.296315	-2.985867	1.846273
17	6	0	0.124952	-2.983702	1.784370
18	6	0	0.856173	-1.957630	2.536259
19	6	0	0.176927	-0.993828	3.308718
20	6	0	-0.547231	1.233849	3.321925
21	6	0	-0.528539	2.441400	2.583415
22	6	0	-1.722450	2.823203	1.834805
23	6	0	-2.851969	2.004065	1.849452
24	6	0	-3.602588	1.792813	0.623800
25	6	0	-4.045853	0.409868	0.633270
26	6	0	-3.180611	2.380715	-0.566807
27	6	0	-2.006912	3.232868	-0.582593
28	6	0	-1.296483	3.448647	0.604261
29	6	0	0.624626	0.368619	3.277173
30	6	0	0.617799	2.830103	1.832539
31	6	0	-3.176908	-1.552724	1.855737
32	6	0	5.307327	0.760111	0.954181
33	6	0	5.760247	-0.540876	1.094086
34	6	0	5.452052	1.144081	-0.496610
35	1	0	4.710849	1.856430	-0.865575
36	1	0	6.458795	1.584209	-0.639820
37	1	0	5.838647	-1.076443	2.033352
38	1	0	5.208198	1.488707	1.751327
39	6	0	1.777249	1.994458	1.791694
40	6	0	2.041164	1.648317	-1.863663
41	6	0	2.484470	0.295411	-1.891683
42	6	0	3.091423	-0.284850	-0.666853
43	6	0	0.830027	1.992375	-2.580160
44	6	0	0.111978	1.026428	-3.305085

45	6	0	2.598000	-1.702976	-0.647776
46	6	0	1.847706	-2.225072	0.503147
47	6	0	1.550036	-1.869811	-1.681861
48	6	0	-2.024277	-3.180860	0.623337
49	6	0	-1.362423	-3.439581	-0.588157
50	6	0	-1.802520	-2.802896	-1.806272
51	6	0	-2.939577	-1.953569	-1.792136
52	6	0	-3.640156	-1.717359	-0.562851
53	6	0	0.800131	-3.318600	0.575215
54	6	0	0.090888	-3.536460	-0.633411
55	6	0	-0.615636	-2.439717	-2.540287
56	6	0	-0.612087	-1.217925	-3.284191
57	6	0	-1.767049	-0.368263	-3.258783
58	6	0	-2.926543	-0.725928	-2.546760
59	6	0	-3.625507	0.290510	-1.789549
60	6	0	-4.062432	-0.323660	-0.545654
61	6	0	-3.203214	1.621255	-1.801970
62	6	0	-2.029340	1.994974	-2.562995
63	6	0	-1.334980	1.023671	-3.289923
64	6	0	0.554219	-2.974612	-1.885090
65	6	0	0.548137	-0.347115	-3.310144
66	6	0	-3.193986	-2.303126	0.637084
67	6	0	5.423297	-0.216210	-1.142670
68	6	0	5.807651	-1.139846	-0.192128
69	1	0	5.964578	-2.197478	-0.378439
70	1	0	5.412632	-0.372019	-2.214619
71	6	0	1.686722	-0.671997	-2.564523
72	7	0	1.194869	-1.221969	-0.354896

66_SINT

1	6	0	-2.266743	-1.652776	-1.219859
2	6	0	-2.631689	-1.448893	0.111018
3	6	0	-2.864463	-0.081981	0.558360
4	6	0	-0.461696	-2.083211	-2.650954
5	6	0	-1.217417	-2.610149	-1.541530
6	6	0	-0.574006	-3.293596	-0.513902
7	6	0	-2.353318	0.037371	1.901229
8	6	0	-1.782282	1.230914	2.345525
9	6	0	0.920199	-2.270150	-2.720985
10	6	0	-1.795748	-1.252849	2.274357
11	6	0	2.239602	0.809727	3.015263
12	6	0	1.414763	-0.234168	3.416308
13	6	0	1.684624	-1.595624	2.976390

14	6	0	2.770505	-1.837671	2.129726
15	6	0	3.630479	-0.758023	1.713963
16	6	0	1.653180	2.092180	2.655712
17	6	0	0.271950	2.278384	2.724236
18	6	0	-0.586493	1.198453	3.151819
19	6	0	-0.016219	-0.043004	3.467435
20	6	0	0.418531	-2.241798	2.745587
21	6	0	0.254053	-3.105982	1.660082
22	6	0	1.378056	-3.361267	0.776356
23	6	0	2.598211	-2.740858	1.003742
24	6	0	3.353016	-2.209669	-0.113740
25	6	0	3.983225	-0.978990	0.331227
26	6	0	2.864357	-2.328407	-1.409255
27	6	0	1.590143	-2.979653	-1.646113
28	6	0	0.864488	-3.481443	-0.573722
29	6	0	-0.632224	-1.278871	3.036614
30	6	0	-0.947372	-3.072418	0.864754
31	6	0	3.362676	0.553711	2.143204
32	6	0	-1.984226	-2.173423	1.175798
33	6	0	-2.170991	-0.543841	-2.138686
34	6	0	-2.440356	0.770280	-1.709689
35	6	0	-2.793088	0.990157	-0.325771
36	6	0	-1.048338	-0.801007	-3.011060
37	6	0	-0.223779	0.243575	-3.411536
38	6	0	-2.161965	2.221100	0.118345
39	6	0	-1.673499	2.338895	1.414431
40	6	0	-1.406969	2.751421	-0.998672
41	6	0	2.409651	2.618742	1.545686
42	6	0	1.765540	3.302335	0.519090
43	6	0	2.138691	3.080825	-0.860014
44	6	0	3.174174	2.181195	-1.169668
45	6	0	3.825603	1.458175	-0.104700
46	6	0	-0.398782	2.989104	1.650550
47	6	0	0.327172	3.491362	0.578564
48	6	0	0.937420	3.115361	-1.655315
49	6	0	0.772396	2.250946	-2.740798
50	6	0	1.822729	1.287543	-3.030904
51	6	0	2.986515	1.261982	-2.269056
52	6	0	3.543752	-0.028522	-1.895512
53	6	0	4.059983	0.092796	-0.553700
54	6	0	2.972912	-1.221157	-2.339935
55	6	0	1.777319	-1.189916	-3.147639
56	6	0	1.206904	0.051912	-3.462491
57	6	0	-0.186418	3.371602	-0.771536

58	6	0	-0.493844	1.605670	-2.972285
59	6	0	3.460092	1.662200	1.225283
60	6	0	-1.579687	1.848569	-2.125111
61	6	0	-6.024135	-1.206809	0.259710
62	6	0	-6.448324	-0.301928	1.158601
63	6	0	-5.851392	-0.538901	-1.071944
64	1	0	-4.803531	-0.591233	-1.398039
65	1	0	-6.451034	-1.007133	-1.864937
66	1	0	-6.621374	-0.479092	2.213978
67	1	0	-5.775657	-2.243743	0.447542
68	6	0	-6.256974	0.878343	-0.799175
69	6	0	-6.592496	1.001445	0.497363
70	1	0	-6.891708	1.915378	0.998013
71	1	0	-6.227869	1.666502	-1.541169
72	16	0	0.585207	0.001464	-0.000113

66_SP

1	6	0	1.988933	0.743570	-2.407001
2	6	0	2.459795	1.433094	-1.318502
3	6	0	3.251471	0.798041	-0.182245
4	6	0	0.054115	0.003934	-3.505731
5	6	0	0.781756	1.172678	-3.080647
6	6	0	0.093907	2.295668	-2.603997
7	6	0	2.573829	1.436591	1.021386
8	6	0	2.229336	0.733468	2.157097
9	6	0	-1.346467	0.003718	-3.380476
10	6	0	1.820012	2.580878	0.614491
11	6	0	-1.782700	1.165282	3.099554
12	6	0	-1.107412	2.285366	2.611869
13	6	0	-1.615958	3.014337	1.475308
14	6	0	-2.780680	2.595277	0.833642
15	6	0	-3.477692	1.419485	1.324996
16	6	0	-1.048345	-0.003958	3.517299
17	6	0	0.348028	-0.003758	3.362609
18	6	0	1.058053	1.161654	2.895117
19	6	0	0.346307	2.307521	2.535681
20	6	0	-0.476658	3.472326	0.697421
21	6	0	-0.553995	3.475990	-0.690234
22	6	0	-1.759791	3.051885	-1.364175
23	6	0	-2.855133	2.601236	-0.606196
24	6	0	-3.588192	1.425969	-1.015699
25	6	0	-3.982605	0.693469	0.175414
26	6	0	-3.226357	0.724657	-2.164367

27	6	0	-2.059310	1.167287	-2.910948
28	6	0	-1.360417	2.310853	-2.535861
29	6	0	0.734013	3.051357	1.375112
30	6	0	0.589581	3.018680	-1.472377
31	6	0	-2.987678	0.723308	2.421437
32	6	0	4.797195	1.120645	-0.287088
33	6	0	5.423475	0.667039	1.016092
34	6	0	5.257847	0.001873	-1.234120
35	1	0	4.723929	0.003211	-2.189483
36	1	0	6.340761	0.002082	-1.395207
37	1	0	5.654846	1.318752	1.850999
38	1	0	4.981721	2.153733	-0.588543
39	6	0	1.746317	2.578169	-0.826911
40	6	0	1.988906	-0.737746	-2.408731
41	6	0	2.459815	-1.429685	-1.321810
42	6	0	3.251525	-0.797105	-0.184141
43	6	0	0.781793	-1.165747	-3.083328
44	6	0	0.094151	-2.289936	-2.609033
45	6	0	2.574088	-1.438505	1.018188
46	6	0	2.229488	-0.737982	2.155542
47	6	0	1.820487	-2.581949	0.608741
48	6	0	-1.782597	-1.172337	3.097009
49	6	0	-1.106992	-2.291153	2.606864
50	6	0	-1.615283	-3.017671	1.468629
51	6	0	-2.780190	-2.597558	0.827926
52	6	0	-3.477446	-1.422975	1.321786
53	6	0	1.058274	-1.168008	2.892620
54	6	0	0.346735	-2.313219	2.530670
55	6	0	-0.476012	-3.473981	0.689673
56	6	0	-0.553441	-3.474488	-0.697986
57	6	0	-1.759311	-3.048988	-1.370801
58	6	0	-2.854665	-2.600220	-0.611906
59	6	0	-3.587886	-1.424047	-1.018805
60	6	0	-3.982282	-0.694247	0.173855
61	6	0	-3.226240	-0.720182	-2.165910
62	6	0	-2.059206	-1.161057	-2.913552
63	6	0	-1.360187	-2.305342	-2.540938
64	6	0	0.734589	-3.054361	1.368436
65	6	0	0.590100	-3.015397	-1.479096
66	6	0	-2.987608	-0.729221	2.419824
67	6	0	4.797187	-1.119466	-0.290188
68	6	0	5.423749	-0.669754	1.014072
69	1	0	5.655425	-1.323969	1.846912
70	1	0	4.981572	-2.151697	-0.594621

71	6	0	1.746652	-2.575918	-0.832690
72	16	0	-0.458430	0.000114	-0.012954

66_ST

1	6	0	-1.996170	-2.525154	-0.163223
2	6	0	-2.446364	-1.718791	0.879333
3	6	0	-3.028529	-0.386771	0.622152
4	6	0	-0.037606	-3.263895	-1.217872
5	6	0	-0.787450	-3.294996	0.023657
6	6	0	-0.096710	-3.254978	1.232642
7	6	0	-2.516957	0.491858	1.688637
8	6	0	-2.191120	1.825511	1.459134
9	6	0	1.350715	-3.216591	-1.200185
10	6	0	-1.777159	-0.306048	2.620645
11	6	0	1.819150	2.476721	2.172177
12	6	0	1.135798	1.646542	3.053435
13	6	0	1.629764	0.311360	3.356807
14	6	0	2.779499	-0.131862	2.704506
15	6	0	3.488130	0.724570	1.788314
16	6	0	1.063657	3.269436	1.219366
17	6	0	-0.323983	3.217596	1.199946
18	6	0	-1.039194	2.368407	2.134832
19	6	0	-0.307762	1.590849	3.034785
20	6	0	0.497802	-0.563696	3.530894
21	6	0	0.552305	-1.876667	3.023701
22	6	0	1.743543	-2.340453	2.356562
23	6	0	2.839689	-1.496010	2.195398
24	6	0	3.578872	-1.482076	0.959217
25	6	0	3.965367	-0.106199	0.700613
26	6	0	3.222738	-2.329114	-0.098447
27	6	0	2.068615	-3.189585	0.060622
28	6	0	1.348706	-3.198421	1.250324
29	6	0	-0.693865	0.224675	3.319578
30	6	0	-0.581175	-2.430864	2.320706
31	6	0	3.028487	2.023320	1.522888
32	6	0	-1.735962	-1.673758	2.124435
33	6	0	-1.996732	-2.014714	-1.528355
34	6	0	-2.439258	-0.718180	-1.783645
35	6	0	-3.032594	0.117276	-0.723233
36	6	0	-0.789075	-2.470689	-2.172944
37	6	0	-0.097738	-1.641094	-3.053927
38	6	0	-2.527289	1.485282	-0.956450
39	6	0	-2.191677	2.336835	0.090809

40	6	0	-1.787250	1.496157	-2.181994
41	6	0	1.817167	3.299334	-0.020214
42	6	0	1.134459	3.258701	-1.229499
43	6	0	1.627905	2.434945	-2.322780
44	6	0	2.786904	1.683491	-2.132511
45	6	0	3.494818	1.726115	-0.879131
46	6	0	-1.039163	3.192339	-0.063024
47	6	0	-0.310898	3.205634	-1.252965
48	6	0	0.496083	1.881229	-3.021771
49	6	0	0.550550	0.568566	-3.529615
50	6	0	1.741193	-0.216453	-3.319562
51	6	0	2.830160	0.314884	-2.631977
52	6	0	3.569277	-0.487675	-1.690188
53	6	0	3.965261	0.381280	-0.598988
54	6	0	3.223245	-1.825170	-1.450133
55	6	0	2.069086	-2.367569	-2.132253
56	6	0	1.346111	-1.586873	-3.029407
57	6	0	-0.696617	2.347450	-2.352101
58	6	0	-0.582828	-0.309081	-3.352552
59	6	0	3.027240	2.527029	0.172090
60	6	0	-1.728382	0.134453	-2.691986
61	6	0	-5.182239	-0.676998	0.980704
62	6	0	-5.596408	0.655053	0.992012
63	6	0	-5.332936	-1.174956	-0.433069
64	1	0	-4.644607	-1.970737	-0.725287
65	1	0	-6.367086	-1.533627	-0.570390
66	1	0	-5.706901	1.263975	1.881867
67	1	0	-5.168238	-1.331994	1.844463
68	6	0	-5.173986	0.123494	-1.180358
69	6	0	-5.593884	1.142207	-0.323894
70	1	0	-5.701514	2.184014	-0.602380
71	1	0	-5.161072	0.187340	-2.262588
72	16	0	0.496836	-0.002641	-0.000105

65_BrINT

1	6	0	1.780659	3.315033	-0.180974
2	6	0	2.173906	2.813641	-1.413039
3	6	0	1.177131	2.503379	-2.419581
4	6	0	1.394158	2.752248	2.064384
5	6	0	2.410719	2.833604	1.032715
6	6	0	3.406480	1.870152	0.961619
7	6	0	1.601556	1.305490	-3.118112
8	6	0	0.662739	0.365246	-3.516592

9	6	0	1.416995	1.709284	2.978493
10	6	0	2.861281	0.874443	-2.541762
11	6	0	0.986671	-3.182529	-1.485259
12	6	0	2.167604	-2.551756	-1.847539
13	6	0	3.164606	-2.243399	-0.840142
14	6	0	2.934594	-2.576843	0.486599
15	6	0	1.699474	-3.234717	0.866319
16	6	0	-0.272788	-2.751035	-2.061583
17	6	0	-0.295608	-1.708082	-2.976228
18	6	0	0.940133	-1.049320	-3.355973
19	6	0	2.143767	-1.461080	-2.803700
20	6	0	3.757425	-0.962067	-1.174833
21	6	0	4.093727	-0.070358	-0.166773
22	6	0	3.854185	-0.419305	1.220316
23	6	0	3.288261	-1.644770	1.540013
24	6	0	2.272038	-1.727275	2.571151
25	6	0	1.289015	-2.707838	2.153252
26	6	0	1.864587	-0.579909	3.235720
27	6	0	2.456498	0.700533	2.901677
28	6	0	3.430225	0.779600	1.917501
29	6	0	3.125702	-0.478021	-2.387641
30	6	0	3.815436	1.344062	-0.326172
31	6	0	0.746678	-3.530931	-0.097283
32	6	0	3.214362	1.806336	-1.487556
33	6	0	0.374572	3.533016	0.100441
34	6	0	-0.578111	3.236915	-0.863120
35	6	0	-0.167215	2.709596	-2.149967
36	6	0	0.134720	3.183408	1.487890
37	6	0	-1.046527	2.553533	1.850625
38	6	0	-1.149813	1.728967	-2.567778
39	6	0	-0.743114	0.582005	-3.233944
40	6	0	-2.166895	1.648370	-1.537133
41	6	0	-1.289290	-2.833049	-1.029868
42	6	0	-2.284560	-1.868828	-0.958858
43	6	0	-2.692784	-1.341715	0.329869
44	6	0	-2.093430	-1.805236	1.491686
45	6	0	-1.052242	-2.812183	1.416344
46	6	0	-1.334567	-0.698828	-2.899672
47	6	0	-2.307830	-0.777087	-1.914894
48	6	0	-2.965028	0.072667	0.170219
49	6	0	-2.636064	0.964763	1.178653
50	6	0	-2.004541	0.479839	2.390706
51	6	0	-1.740787	-0.873181	2.545721
52	6	0	-0.480127	-1.303590	3.120666

53	6	0	-0.055493	-2.502039	2.422929
54	6	0	0.458681	-0.363581	3.519481
55	6	0	0.181295	1.050874	3.358533
56	6	0	-1.022637	1.462979	2.807084
57	6	0	-2.730210	0.422275	-1.215831
58	6	0	-2.044290	2.245963	0.843408
59	6	0	-0.659434	-3.314848	0.184234
60	6	0	-1.814211	2.580231	-0.483677
61	6	0	-6.151126	-1.083780	0.539986
62	6	0	-6.265850	0.077021	1.208073
63	6	0	-6.239906	1.190546	0.249505
64	6	0	-6.111520	0.699221	-0.995048
65	1	0	-6.112225	-2.077807	0.967142
66	1	0	-6.338587	0.192946	2.283180
67	1	0	-6.291006	2.238076	0.522783
68	1	0	-6.037104	1.268181	-1.913177
69	6	0	-6.035067	-0.799094	-0.929338
70	1	0	-6.828341	-1.283524	-1.514664
71	1	0	-5.080408	-1.165295	-1.334892
72	35	0	0.559851	-0.000182	-0.000172

65_BrP

1	6	0	-1.692878	-2.277115	1.571550
2	6	0	-2.499215	-1.168524	1.474021
3	6	0	-3.283794	-0.810738	0.213480
4	6	0	-2.610468	-1.426075	-0.978574
5	6	0	-1.744341	-2.601567	-0.866643
6	6	0	-1.306523	-3.031230	0.363904
7	6	0	-2.250317	-0.725471	-2.101718
8	6	0	-2.250627	0.723680	-2.102668
9	6	0	-2.610355	1.424974	-0.979735
10	6	0	-3.283721	0.810590	0.212792
11	6	0	-1.142750	1.433254	-2.772623
12	6	0	-0.845528	2.611341	-1.999205
13	6	0	-1.744500	2.600700	-0.868795
14	6	0	-1.306786	3.031383	0.361474
15	6	0	0.060151	3.473604	0.529035
16	6	0	0.932684	3.487741	-0.554207
17	6	0	0.468386	3.044487	-1.850038
18	6	0	0.524334	3.013705	1.822948
19	6	0	1.834286	2.591147	1.985817
20	6	0	2.742543	2.598142	0.854972
21	6	0	2.299512	3.029125	-0.384593

22	6	0	2.126801	1.419910	2.793178
23	6	0	3.205347	0.696856	2.153186
24	6	0	3.584345	1.418799	0.957756
25	6	0	3.945856	0.723598	-0.187965
26	6	0	3.945936	-0.723465	-0.187397
27	6	0	3.584390	-1.417708	0.958867
28	6	0	3.205370	-0.694828	2.153728
29	6	0	2.126836	-1.417434	2.794192
30	6	0	1.834561	-2.589509	1.987916
31	6	0	2.742636	-2.597164	0.857015
32	6	0	2.299824	-3.029407	-0.382208
33	6	0	0.932982	-3.488135	-0.551320
34	6	0	0.060410	-3.473353	0.531888
35	6	0	0.524557	-3.012116	1.825322
36	6	0	-0.553748	-2.272510	2.453817
37	6	0	-0.845099	-2.612745	-1.996848
38	6	0	0.468657	-3.046120	-1.847584
39	6	0	-0.274473	-1.166200	3.246879
40	6	0	1.095700	-0.724162	3.410626
41	6	0	3.477872	-1.174998	-1.484695
42	6	0	2.679003	-2.303250	-1.581524
43	6	0	1.539549	-2.310401	-2.479479
44	6	0	1.095621	0.726964	3.409829
45	6	0	2.678788	2.302129	-1.583341
46	6	0	3.477623	1.173968	-1.485549
47	6	0	3.185599	-0.000877	-2.286568
48	6	0	1.539337	2.308424	-2.481319
49	6	0	1.246311	1.176253	-3.234842
50	6	0	2.087269	-0.001224	-3.133205
51	6	0	-1.693071	2.278274	1.569778
52	6	0	-0.553924	2.274465	2.452018
53	6	0	-0.274571	1.168886	3.246117
54	6	0	-0.120994	0.735081	-3.373293
55	6	0	-2.499306	1.169487	1.473072
56	6	0	1.246373	-1.178886	-3.234011
57	6	0	-0.120918	-0.737767	-3.372535
58	6	0	-1.142636	-1.435562	-2.771383
59	6	0	-2.190744	0.000832	2.244726
60	6	0	-1.108222	0.001239	3.132917
61	6	0	-4.829033	1.124176	0.319830
62	6	0	-4.829117	-1.123965	0.320994
63	6	0	-5.447596	-0.668753	-0.988489
64	6	0	-5.447937	0.667583	-0.989045
65	6	0	-5.304533	0.000651	1.255748

66	1	0	-5.021644	2.154468	0.624289
67	1	0	-5.704768	1.321028	-1.814097
68	1	0	-5.704236	-1.323013	-1.812966
69	1	0	-5.021937	-2.153893	0.626532
70	1	0	-4.813229	0.001164	2.231691
71	1	0	-6.390133	0.000749	1.379867
72	35	0	0.420160	-0.000047	-0.009236

65_BrTS

1	6	0	-1.700082	-2.281140	1.537659
2	6	0	-2.503097	-1.166378	1.428159
3	6	0	-3.117770	-0.748992	0.139865
4	6	0	-2.572800	-1.410708	-1.014097
5	6	0	-1.719988	-2.585251	-0.895111
6	6	0	-1.299849	-3.023818	0.342886
7	6	0	-2.203938	-0.710061	-2.170932
8	6	0	-2.203925	0.710257	-2.170873
9	6	0	-2.572769	1.410800	-1.013973
10	6	0	-3.117760	0.748991	0.139925
11	6	0	-1.095570	1.427767	-2.811780
12	6	0	-0.809149	2.600340	-2.017966
13	6	0	-1.719948	2.585326	-0.894886
14	6	0	-1.299807	3.023782	0.343148
15	6	0	0.064170	3.471219	0.528817
16	6	0	0.947289	3.479873	-0.543628
17	6	0	0.500042	3.034218	-1.846961
18	6	0	0.510539	3.016294	1.831525
19	6	0	1.817801	2.589947	2.008684
20	6	0	2.740447	2.595494	0.889445
21	6	0	2.312513	3.024136	-0.356943
22	6	0	2.097709	1.418283	2.818383
23	6	0	3.186887	0.694501	2.193457
24	6	0	3.582560	1.418055	1.002924
25	6	0	3.961162	0.724103	-0.137560
26	6	0	3.961153	-0.724149	-0.137623
27	6	0	3.582544	-1.418195	1.002801
28	6	0	3.186880	-0.694741	2.193398
29	6	0	2.097693	-1.418566	2.818261
30	6	0	1.817772	-2.590158	2.008460
31	6	0	2.740415	-2.595613	0.889219
32	6	0	2.312475	-3.024140	-0.357206
33	6	0	0.947246	-3.479847	-0.543928
34	6	0	0.064126	-3.471280	0.528518

35	6	0	0.510502	-3.016471	1.831263
36	6	0	-0.577072	-2.281357	2.448550
37	6	0	-0.809179	-2.600165	-2.018186
38	6	0	0.500004	-3.034075	-1.847223
39	6	0	-0.310819	-1.170667	3.237558
40	6	0	1.057450	-0.725561	3.418740
41	6	0	3.511101	-1.173736	-1.441736
42	6	0	2.709508	-2.299156	-1.550172
43	6	0	1.584317	-2.303658	-2.466875
44	6	0	1.057458	0.725234	3.418796
45	6	0	2.709536	2.299248	-1.549971
46	6	0	3.511113	1.173807	-1.441632
47	6	0	3.231809	0.000072	-2.248131
48	6	0	1.584344	2.303841	-2.466674
49	6	0	1.307644	1.175916	-3.229361
50	6	0	2.149049	0.000116	-3.115028
51	6	0	-1.700048	2.281000	1.537852
52	6	0	-0.577045	2.281137	2.448749
53	6	0	-0.310805	1.170375	3.237663
54	6	0	-0.059177	0.732108	-3.400386
55	6	0	-2.503085	1.166263	1.428258
56	6	0	1.307629	-1.175666	-3.229467
57	6	0	-0.059187	-0.731824	-3.400444
58	6	0	-1.095589	-1.427525	-2.811902
59	6	0	-2.220916	-0.000092	2.227252
60	6	0	-1.148833	-0.000136	3.117918
61	6	0	-5.176668	1.150346	0.303250
62	6	0	-5.176697	-1.150333	0.303236
63	6	0	-5.633780	-0.696141	-0.948140
64	6	0	-5.633759	0.696177	-0.948134
65	6	0	-5.374073	0.000003	1.257686
66	1	0	-5.192025	2.187504	0.620188
67	1	0	-5.776036	1.320108	-1.822381
68	1	0	-5.776073	-1.320058	-1.822394
69	1	0	-5.192065	-2.187494	0.620163
70	1	0	-4.741261	-0.000010	2.144466
71	1	0	-6.426402	0.000014	1.578583
72	35	0	0.455589	0.000097	-0.009454

65_CIINT

1	6	0	1.575599	-1.442969	3.072501
2	6	0	2.387103	-0.320032	3.024620
3	6	0	1.805742	1.000551	3.163937

4	6	0	0.500391	-3.065224	1.763664
5	6	0	1.795410	-2.535580	2.145471
6	6	0	2.816106	-2.457620	1.210633
7	6	0	2.513906	1.898974	2.273477
8	6	0	1.823627	2.897357	1.603586
9	6	0	0.283757	-3.492694	0.463049
10	6	0	3.531805	1.132889	1.582124
11	6	0	1.676930	2.299422	-2.448181
12	6	0	2.868590	1.994995	-1.808476
13	6	0	3.449767	0.674461	-1.949380
14	6	0	2.813231	-0.283723	-2.723879
15	6	0	1.567105	0.034519	-3.393137
16	6	0	0.658083	3.066423	-1.757901
17	6	0	0.874723	3.493763	-0.457318
18	6	0	2.121441	3.177625	0.212269
19	6	0	3.094676	2.443900	-0.448544
20	6	0	4.035671	0.305852	-0.675557
21	6	0	3.961960	-1.005447	-0.231715
22	6	0	3.297058	-2.007227	-1.041918
23	6	0	2.735804	-1.655625	-2.260201
24	6	0	1.440869	-2.184891	-2.641023
25	6	0	0.718681	-1.140228	-3.340777
26	6	0	0.763846	-3.043113	-1.788411
27	6	0	1.351447	-3.411333	-0.514736
28	6	0	2.589462	-2.905291	-0.149874
29	6	0	3.816082	1.398990	0.251737
30	6	0	3.663931	-1.282830	1.160186
31	6	0	1.011324	1.297652	-3.256806
32	6	0	3.454221	-0.238054	2.046672
33	6	0	0.146362	-1.296500	3.263179
34	6	0	-0.409381	-0.033172	3.399618
35	6	0	0.438956	1.141625	3.347669
36	6	0	-0.518957	-2.298477	2.454327
37	6	0	-1.710345	-1.994006	1.814663
38	6	0	-0.282964	2.186228	2.647565
39	6	0	0.394003	3.044379	1.794448
40	6	0	-1.577841	1.656787	2.267183
41	6	0	-0.637037	2.536899	-2.140170
42	6	0	-1.657589	2.458738	-1.204891
43	6	0	-2.506080	1.285084	-1.154819
44	6	0	-2.298860	0.240058	-2.042380
45	6	0	-1.229854	0.321539	-3.018253
46	6	0	-0.193157	3.412504	0.520662
47	6	0	-1.431005	2.906333	0.155460

48	6	0	-2.801406	1.004936	0.237715
49	6	0	-2.876231	-0.305252	0.682067
50	6	0	-2.657771	-1.397931	-0.245471
51	6	0	-2.375339	-1.131914	-1.576564
52	6	0	-1.356676	-1.897926	-2.267626
53	6	0	-0.648105	-0.999304	-3.157406
54	6	0	-0.665799	-2.896375	-1.597700
55	6	0	-0.963292	-3.176747	-0.206407
56	6	0	-1.936598	-2.443134	0.454442
57	6	0	-2.138382	2.008174	1.047939
58	6	0	-2.291973	-0.673149	1.955404
59	6	0	-0.418091	1.444634	-3.067141
60	6	0	-1.655801	0.285116	2.730644
61	6	0	-5.897385	0.761782	-0.950893
62	6	0	-5.822686	-0.572136	-1.098092
63	6	0	-6.077480	-1.214314	0.198743
64	6	0	-6.305746	-0.267581	1.124998
65	1	0	-5.730613	1.507728	-1.717529
66	1	0	-5.582503	-1.103503	-2.011315
67	1	0	-6.058118	-2.284750	0.367520
68	1	0	-6.506697	-0.424454	2.177339
69	6	0	-6.205008	1.086051	0.483356
70	1	0	-7.128653	1.670850	0.592435
71	1	0	-5.397011	1.677994	0.935306
72	17	0	0.577566	-0.000854	0.001533

65_CIP

1	6	0	-1.675163	-2.271901	1.571105
2	6	0	-2.487174	-1.167462	1.475145
3	6	0	-3.272786	-0.811189	0.214471
4	6	0	-2.599260	-1.429489	-0.976243
5	6	0	-1.729937	-2.602853	-0.864170
6	6	0	-1.290156	-3.029394	0.365811
7	6	0	-2.231550	-0.727275	-2.094944
8	6	0	-2.231560	0.721246	-2.097073
9	6	0	-2.598932	1.426426	-0.980140
10	6	0	-3.272605	0.811568	0.212189
11	6	0	-1.125520	1.429941	-2.770644
12	6	0	-0.830136	2.609864	-2.001187
13	6	0	-1.729812	2.600215	-0.871341
14	6	0	-1.290134	3.030258	0.357468
15	6	0	0.076993	3.471931	0.524748
16	6	0	0.949133	3.484868	-0.557573

17	6	0	0.484243	3.040461	-1.852067
18	6	0	0.540982	3.012868	1.818003
19	6	0	1.851208	2.593263	1.982695
20	6	0	2.758411	2.597743	0.851342
21	6	0	2.316287	3.028383	-0.388141
22	6	0	2.142978	1.422171	2.789874
23	6	0	3.221101	0.698637	2.150755
24	6	0	3.600710	1.419408	0.955312
25	6	0	3.961380	0.723111	-0.189472
26	6	0	3.961410	-0.723589	-0.187492
27	6	0	3.600737	-1.416706	0.959213
28	6	0	3.221090	-0.692621	2.152645
29	6	0	2.142973	-1.414406	2.793719
30	6	0	1.851261	-2.587771	1.989812
31	6	0	2.758432	-2.595311	0.858471
32	6	0	2.316358	-3.029438	-0.379803
33	6	0	0.949214	-3.486439	-0.547942
34	6	0	0.077051	-3.470403	0.534297
35	6	0	0.541022	-3.007824	1.826277
36	6	0	-0.537786	-2.269579	2.454802
37	6	0	-0.830064	-2.615459	-1.993886
38	6	0	0.484305	-3.045644	-1.843656
39	6	0	-0.257632	-1.161703	3.243759
40	6	0	1.112197	-0.720496	3.408738
41	6	0	3.493056	-1.176244	-1.484015
42	6	0	2.694160	-2.303794	-1.579356
43	6	0	1.555257	-2.312668	-2.477584
44	6	0	1.112185	0.729926	3.406730
45	6	0	2.694056	2.299373	-1.585655
46	6	0	3.492963	1.172114	-1.487210
47	6	0	3.199810	-0.003180	-2.286413
48	6	0	1.555174	2.305694	-2.483898
49	6	0	1.262251	1.172637	-3.235136
50	6	0	2.103886	-0.004366	-3.135204
51	6	0	-1.675142	2.276117	1.564862
52	6	0	-0.537829	2.276384	2.448623
53	6	0	-0.257669	1.170706	3.240668
54	6	0	-0.104760	0.731562	-3.371087
55	6	0	-2.487060	1.171346	1.471891
56	6	0	1.262270	-1.181679	-3.231906
57	6	0	-0.104746	-0.740975	-3.368903
58	6	0	-1.125500	-1.437739	-2.766578
59	6	0	-2.174179	0.003041	2.241484
60	6	0	-1.092341	0.004326	3.130741

61	6	0	-4.818250	1.124658	0.317481
62	6	0	-4.818486	-1.123528	0.320827
63	6	0	-5.434867	-0.669536	-0.990091
64	6	0	-5.434922	0.666813	-0.992004
65	6	0	-5.294267	0.002038	1.253914
66	1	0	-5.011510	2.155178	0.620706
67	1	0	-5.689964	1.319346	-1.818364
68	1	0	-5.689915	-1.324480	-1.814540
69	1	0	-5.012022	-2.153086	0.627118
70	1	0	-4.803123	0.003460	2.229978
71	1	0	-6.379886	0.002372	1.377679
72	17	0	0.507088	0.000388	-0.007348

65_CITS

1	6	0	-1.679138	-2.279482	1.535974
2	6	0	-2.486523	-1.167798	1.430235
3	6	0	-3.102082	-0.749359	0.142292
4	6	0	-2.557499	-1.410622	-1.012086
5	6	0	-1.703187	-2.583998	-0.895378
6	6	0	-1.280866	-3.022207	0.341173
7	6	0	-2.185994	-0.707949	-2.165744
8	6	0	-2.185987	0.711803	-2.164478
9	6	0	-2.557497	1.412446	-1.009592
10	6	0	-3.102187	0.749156	0.143629
11	6	0	-1.079266	1.429696	-2.807128
12	6	0	-0.793461	2.602327	-2.014532
13	6	0	-1.703169	2.585593	-0.890823
14	6	0	-1.280835	3.021609	0.346494
15	6	0	0.083260	3.468421	0.531271
16	6	0	0.964995	3.477969	-0.541127
17	6	0	0.516125	3.033506	-1.843567
18	6	0	0.530802	3.012304	1.832188
19	6	0	1.838411	2.588421	2.009078
20	6	0	2.758898	2.593588	0.888515
21	6	0	2.330654	3.024063	-0.356605
22	6	0	2.118478	1.415552	2.816390
23	6	0	3.206689	0.692460	2.190026
24	6	0	3.601434	1.416902	1.000304
25	6	0	3.977955	0.723986	-0.140858
26	6	0	3.977943	-0.723755	-0.142132
27	6	0	3.601416	-1.418683	0.997803
28	6	0	3.206690	-0.696349	2.188806
29	6	0	2.118479	-1.420539	2.813906

30	6	0	1.838388	-2.591964	2.004517
31	6	0	2.758879	-2.595169	0.883947
32	6	0	2.330621	-3.023433	-0.361929
33	6	0	0.964960	-3.476997	-0.547258
34	6	0	0.083230	-3.469366	0.525156
35	6	0	0.530783	-3.015532	1.826875
36	6	0	-0.556463	-2.282531	2.446349
37	6	0	-0.793498	-2.598769	-2.019120
38	6	0	0.516095	-3.030245	-1.848912
39	6	0	-0.288977	-1.172186	3.233920
40	6	0	1.079108	-0.728059	3.415216
41	6	0	3.526775	-1.172095	-1.445907
42	6	0	2.725116	-2.296625	-1.554134
43	6	0	1.599678	-2.300894	-2.469821
44	6	0	1.079110	0.722025	3.416504
45	6	0	2.725156	2.299371	-1.550099
46	6	0	3.526804	1.174641	-1.443850
47	6	0	3.245795	0.001987	-2.250399
48	6	0	1.599716	2.305270	-2.465786
49	6	0	1.322428	1.178135	-3.228366
50	6	0	2.164540	0.002749	-3.118316
51	6	0	-1.679107	2.276754	1.539973
52	6	0	-0.556438	2.278193	2.450347
53	6	0	-0.288973	1.166457	3.235953
54	6	0	-0.044182	0.734807	-3.397272
55	6	0	-2.486512	1.165280	1.432299
56	6	0	1.322423	-1.172427	-3.230428
57	6	0	-0.044188	-0.728807	-3.398588
58	6	0	-1.079274	-1.424718	-2.809645
59	6	0	-2.200436	-0.001966	2.227872
60	6	0	-1.128063	-0.002753	3.118165
61	6	0	-5.159411	1.149939	0.302803
62	6	0	-5.159807	-1.150483	0.300697
63	6	0	-5.614480	-0.695120	-0.951390
64	6	0	-5.614331	0.696981	-0.950105
65	6	0	-5.359009	-0.001128	1.255855
66	1	0	-5.175797	2.186860	0.620508
67	1	0	-5.754438	1.321707	-1.824159
68	1	0	-5.754761	-1.318220	-1.826575
69	1	0	-5.176153	-2.187984	0.616478
70	1	0	-4.727466	-0.002064	2.143666
71	1	0	-6.411805	-0.001212	1.575121
72	17	0	0.522027	-0.000083	-0.005880

65_FINT

1	6	0	1.545804	2.755584	-2.017788
2	6	0	1.970627	1.690285	-2.797547
3	6	0	0.996525	0.813071	-3.417614
4	6	0	1.226081	3.486629	0.187870
5	6	0	2.226099	3.060040	-0.773189
6	6	0	3.301163	2.284790	-0.361405
7	6	0	1.516235	-0.538534	-3.370869
8	6	0	0.654572	-1.598542	-3.134807
9	6	0	1.344095	3.118015	1.519823
10	6	0	2.812364	-0.499235	-2.722690
11	6	0	1.292107	-3.420984	0.464672
12	6	0	2.417148	-3.023479	-0.241273
13	6	0	3.392852	-2.149871	0.380854
14	6	0	3.203427	-1.718802	1.685539
15	6	0	2.030422	-2.141595	2.425299
16	6	0	-0.003442	-3.465988	-0.182228
17	6	0	-0.120929	-3.097938	-1.511687
18	6	0	1.051898	-2.670820	-2.247057
19	6	0	2.294325	-2.639238	-1.632894
20	6	0	3.872649	-1.223212	-0.626992
21	6	0	4.142153	0.094747	-0.285843
22	6	0	3.944390	0.545869	1.078960
23	6	0	3.484831	-0.340905	2.042677
24	6	0	2.485004	0.085700	3.003159
25	6	0	1.586945	-1.027789	3.238612
26	6	0	1.987263	1.379449	2.958209
27	6	0	2.466792	2.306517	1.950505
28	6	0	3.424121	1.899607	1.032102
29	6	0	3.193684	-1.527060	-1.872625
30	6	0	3.744205	1.169083	-1.176090
31	6	0	1.094579	-2.970854	1.825960
32	6	0	3.093641	0.878896	-2.367029
33	6	0	0.128659	2.992209	-1.825264
34	6	0	-0.802067	2.148653	-2.412678
35	6	0	-0.358241	1.035815	-3.225423
36	6	0	-0.069045	3.443416	-0.463435
37	6	0	-1.187459	3.028000	0.242871
38	6	0	-1.258336	-0.073865	-2.989401
39	6	0	-0.762440	-1.365606	-2.945773
40	6	0	-2.265328	0.353784	-2.042408
41	6	0	-1.004350	-3.051969	0.778422
42	6	0	-2.067561	-2.268160	0.365194

43	6	0	-2.508396	-1.153663	1.178567
44	6	0	-1.871054	-0.867823	2.373147
45	6	0	-0.745298	-1.674197	2.793934
46	6	0	-1.244765	-2.297397	-1.948339
47	6	0	-2.189815	-1.883968	-1.026126
48	6	0	-2.896336	-0.080433	0.290235
49	6	0	-2.650277	1.236240	0.632102
50	6	0	-1.964063	1.533342	1.870084
51	6	0	-1.585106	0.507924	2.720158
52	6	0	-0.289250	0.551024	3.365576
53	6	0	0.230554	-0.799872	3.412281
54	6	0	0.569525	1.617471	3.148149
55	6	0	0.172383	2.690783	2.259643
56	6	0	-1.063925	2.644021	1.633830
57	6	0	-2.700424	-0.529854	-1.070913
58	6	0	-2.164632	2.154684	-0.375188
59	6	0	-0.322256	-2.738369	2.016249
60	6	0	-1.975904	1.724317	-1.677763
61	6	0	-6.183052	-0.474832	1.087242
62	6	0	-6.200108	0.852889	0.879652
63	6	0	-6.054334	1.119902	-0.558019
64	6	0	-5.954861	-0.048420	-1.215270
65	1	0	-6.247920	-0.983413	2.040860
66	1	0	-6.282617	1.619530	1.641262
67	1	0	-6.008350	2.109019	-0.998410
68	1	0	-5.807185	-0.184206	-2.279162
69	6	0	-6.012971	-1.178594	-0.228341
70	1	0	-6.826699	-1.885129	-0.439394
71	1	0	-5.077588	-1.756389	-0.246824
72	9	0	-0.252913	-0.320528	-0.033776

65_FP

1	6	0	1.648525	2.277098	1.584083
2	6	0	2.440148	1.160849	1.473617
3	6	0	3.230038	0.803196	0.217238
4	6	0	2.553589	1.407503	-0.976451
5	6	0	1.687886	2.576449	-0.855584
6	6	0	1.256534	3.013883	0.373043
7	6	0	2.224557	0.727618	-2.124101
8	6	0	2.224833	-0.717538	-2.127785
9	6	0	2.553183	-1.402439	-0.982841
10	6	0	3.229926	-0.803921	0.213477
11	6	0	1.098091	-1.415388	-2.771831

12	6	0	0.794101	-2.591810	-1.997386
13	6	0	1.687905	-2.572253	-0.867508
14	6	0	1.256688	-3.015510	0.359068
15	6	0	-0.109841	-3.460476	0.520170
16	6	0	-0.982235	-3.481388	-0.562917
17	6	0	-0.516644	-3.033147	-1.856038
18	6	0	-0.575786	-3.008852	1.814749
19	6	0	-1.889944	-2.595545	1.980148
20	6	0	-2.795366	-2.599011	0.846597
21	6	0	-2.350759	-3.028395	-0.394197
22	6	0	-2.183629	-1.426340	2.788959
23	6	0	-3.262116	-0.701127	2.149037
24	6	0	-3.640358	-1.421073	0.950994
25	6	0	-4.001418	-0.723832	-0.194877
26	6	0	-4.001473	0.724618	-0.191493
27	6	0	-3.640444	1.416531	0.957626
28	6	0	-3.262163	0.691001	2.152304
29	6	0	-2.183699	1.413265	2.795578
30	6	0	-1.890079	2.586241	1.992222
31	6	0	-2.795523	2.594996	0.858715
32	6	0	-2.350913	3.030150	-0.380079
33	6	0	-0.982424	3.484026	-0.546718
34	6	0	-0.109999	3.457997	0.536239
35	6	0	-0.575925	3.000314	1.828706
36	6	0	0.504149	2.266514	2.459593
37	6	0	0.793981	2.601226	-1.985314
38	6	0	-0.516788	3.041862	-1.841910
39	6	0	0.220980	1.159666	3.247791
40	6	0	-1.148860	0.718113	3.405496
41	6	0	-3.532579	1.178787	-1.489154
42	6	0	-2.728384	2.304818	-1.582193
43	6	0	-1.589897	2.316166	-2.481599
44	6	0	-1.148826	-0.733995	3.402097
45	6	0	-2.728260	-2.297477	-1.592918
46	6	0	-3.532535	-1.171942	-1.494640
47	6	0	-3.235299	0.005287	-2.290465
48	6	0	-1.589800	-2.304586	-2.492375
49	6	0	-1.292500	-1.168490	-3.237696
50	6	0	-2.135981	0.007298	-3.138067
51	6	0	1.648659	-2.284392	1.573502
52	6	0	0.504280	-2.277977	2.449067
53	6	0	0.221038	-1.174775	3.242342
54	6	0	0.075550	-0.726604	-3.383175
55	6	0	2.440196	-1.167565	1.468225

56	6	0	-1.292578	1.183598	-3.232265
57	6	0	0.075504	0.742424	-3.379709
58	6	0	1.098019	1.428497	-2.765273
59	6	0	2.137932	-0.005176	2.251237
60	6	0	1.056995	-0.007273	3.134285
61	6	0	4.771310	-1.125196	0.320147
62	6	0	4.771439	1.123670	0.325606
63	6	0	5.390219	0.670440	-0.986310
64	6	0	5.390278	-0.665671	-0.989481
65	6	0	5.252161	-0.003053	1.256856
66	1	0	4.968158	-2.155765	0.621750
67	1	0	5.645143	-1.317107	-1.816831
68	1	0	5.645124	1.325831	-1.810521
69	1	0	4.968409	2.152744	0.632186
70	1	0	4.761857	-0.005423	2.233656
71	1	0	6.338145	-0.003438	1.379290
72	9	0	0.631018	-0.000908	0.037968

65_FTS

1	6	0	-1.654749	-2.281917	1.537761
2	6	0	-2.448492	-1.163028	1.418792
3	6	0	-3.062039	-0.742414	0.135667
4	6	0	-2.517835	-1.398994	-1.014069
5	6	0	-1.662919	-2.566621	-0.891017
6	6	0	-1.248451	-3.012863	0.343477
7	6	0	-2.157906	-0.707547	-2.179393
8	6	0	-2.157929	0.707242	-2.179483
9	6	0	-2.517855	1.398811	-1.014227
10	6	0	-3.062057	0.742364	0.135587
11	6	0	-1.040374	1.417301	-2.805070
12	6	0	-0.752468	2.587207	-2.010918
13	6	0	-1.662968	2.566477	-0.891311
14	6	0	-1.248520	3.012873	0.343135
15	6	0	0.116110	3.458728	0.524804
16	6	0	1.001088	3.476479	-0.545040
17	6	0	0.553865	3.028234	-1.846346
18	6	0	0.562017	3.007016	1.826302
19	6	0	1.872681	2.591103	2.008713
20	6	0	2.794665	2.595381	0.888767
21	6	0	2.367718	3.025541	-0.358333
22	6	0	2.152145	1.419599	2.817666
23	6	0	3.241995	0.694980	2.193707
24	6	0	3.638680	1.418733	1.002655

25	6	0	4.018626	0.724708	-0.138251
26	6	0	4.018640	-0.724672	-0.138167
27	6	0	3.638710	-1.418574	1.002820
28	6	0	3.242012	-0.694691	2.193791
29	6	0	2.152174	-1.419256	2.817832
30	6	0	1.872734	-2.590862	2.009016
31	6	0	2.794717	-2.595252	0.889067
32	6	0	2.367781	-3.025565	-0.357986
33	6	0	1.001158	-3.476549	-0.544642
34	6	0	0.116180	-3.458689	0.525202
35	6	0	0.562078	-3.006822	1.826653
36	6	0	-0.528470	-2.277099	2.442882
37	6	0	-0.752417	-2.587472	-2.010625
38	6	0	0.553924	-3.028459	-1.846000
39	6	0	-0.260335	-1.167876	3.228890
40	6	0	1.107526	-0.725032	3.409634
41	6	0	3.569777	-1.174728	-1.443645
42	6	0	2.764447	-2.298647	-1.551189
43	6	0	1.639918	-2.303962	-2.468808
44	6	0	1.107510	0.725425	3.409547
45	6	0	2.764399	2.298496	-1.551451
46	6	0	3.569757	1.174608	-1.443780
47	6	0	3.287237	-0.000107	-2.248088
48	6	0	1.639874	2.303688	-2.469073
49	6	0	1.362021	1.174389	-3.228350
50	6	0	2.205499	-0.000168	-3.117204
51	6	0	-1.654805	2.282062	1.537508
52	6	0	-0.528516	2.277348	2.442615
53	6	0	-0.260358	1.168225	3.228756
54	6	0	-0.004271	0.730047	-3.402926
55	6	0	-2.448509	1.163133	1.418660
56	6	0	1.362046	-1.174755	-3.228216
57	6	0	-0.004255	-0.730454	-3.402842
58	6	0	-1.040347	-1.417664	-2.804915
59	6	0	-2.163726	0.000100	2.217852
60	6	0	-1.100264	0.000160	3.112695
61	6	0	-5.165238	1.152781	0.297751
62	6	0	-5.165267	-1.152822	0.297788
63	6	0	-5.611666	-0.698282	-0.952051
64	6	0	-5.611661	0.698211	-0.952071
65	6	0	-5.347174	-0.000004	1.252067
66	1	0	-5.176815	2.189584	0.615244
67	1	0	-5.751900	1.320951	-1.827681
68	1	0	-5.751925	-1.321048	-1.827640

69	1	0	-5.176845	-2.189617	0.615307
70	1	0	-4.701924	0.000003	2.129955
71	1	0	-6.395430	0.000022	1.588763
72	9	0	-0.456929	0.000276	0.054512

65_IINT

1	6	0	-1.778375	-1.918244	2.696418
2	6	0	-2.214725	-2.661993	1.610221
3	6	0	-1.255541	-3.369937	0.786331
4	6	0	-1.304383	0.253576	3.441167
5	6	0	-2.359745	-0.618086	2.964275
6	6	0	-3.353004	-0.116797	2.135259
7	6	0	-1.699284	-3.285584	-0.590282
8	6	0	-0.769433	-3.138416	-1.609655
9	6	0	-1.286380	1.589185	3.068071
10	6	0	-2.932966	-2.524411	-0.617487
11	6	0	-0.996015	0.508078	-3.467061
12	6	0	-2.193959	-0.098586	-3.118158
13	6	0	-3.154283	0.609930	-2.295627
14	6	0	-2.871955	1.894061	-1.853970
15	6	0	-1.620439	2.528977	-2.218575
16	6	0	0.237291	-0.253052	-3.439014
17	6	0	0.219411	-1.589578	-3.065583
18	6	0	-1.032890	-2.223177	-2.702295
19	6	0	-2.213132	-1.494452	-2.728254
20	6	0	-3.765678	-0.347412	-1.395350
21	6	0	-4.070495	0.021325	-0.093441
22	6	0	-3.776127	1.364010	0.366899
23	6	0	-3.191184	2.280613	-0.494531
24	6	0	-2.136409	3.153047	-0.017453
25	6	0	-1.164999	3.304271	-1.082582
26	6	0	-1.710870	3.070289	1.300067
27	6	0	-2.321733	2.112076	2.199521
28	6	0	-3.333507	1.278914	1.744352
29	6	0	-3.183559	-1.647809	-1.662610
30	6	0	-3.806907	-0.893813	0.999136
31	6	0	-0.702002	1.850413	-3.006271
32	6	0	-3.251374	-2.139050	0.742614
33	6	0	-0.364264	-1.851770	3.009728
34	6	0	0.554190	-2.530467	2.222044
35	6	0	0.098178	-3.303551	1.083519
36	6	0	-0.070529	-0.507665	3.467447
37	6	0	1.126718	0.100284	3.124168

38	6	0	1.070050	-3.157256	0.018701
39	6	0	0.645253	-3.072876	-1.299432
40	6	0	2.115452	-2.283162	0.498688
41	6	0	1.291531	0.620616	-2.968698
42	6	0	2.268421	0.115609	-2.133906
43	6	0	2.699970	0.890894	-0.992907
44	6	0	2.173810	2.141670	-0.739555
45	6	0	1.148135	2.665309	-1.610958
46	6	0	1.254051	-2.117857	-2.202162
47	6	0	2.250055	-1.278769	-1.743564
48	6	0	2.948788	-0.021295	0.094473
49	6	0	2.660083	0.347384	1.395230
50	6	0	2.105292	1.649221	1.665622
51	6	0	1.862815	2.525379	0.619634
52	6	0	0.633478	3.288565	0.592740
53	6	0	0.188618	3.368417	-0.784566
54	6	0	-0.296544	3.139773	1.611605
55	6	0	-0.033502	2.221731	2.703020
56	6	0	1.146162	1.495316	2.734815
57	6	0	2.672117	-1.359797	-0.363243
58	6	0	2.076294	-0.610520	2.299234
59	6	0	0.712727	1.919982	-2.696881
60	6	0	1.802768	-1.895426	1.856765
61	6	0	6.115480	1.052894	-0.612884
62	6	0	6.209290	0.984954	0.731364
63	6	0	6.239602	-0.428913	1.144037
64	6	0	6.161002	-1.212754	0.048994
65	1	0	6.049518	1.952219	-1.214894
66	1	0	6.235120	1.826759	1.415551
67	1	0	6.291444	-0.768713	2.173314
68	1	0	6.136087	-2.296428	0.026046
69	6	0	6.079912	-0.342090	-1.174458
70	1	0	6.907278	-0.530166	-1.873356
71	1	0	5.160822	-0.522010	-1.730627
72	53	0	-0.529901	0.000475	0.000670

65_IP

1	6	0	-1.988265	-0.740901	-2.415947
2	6	0	-2.469483	-1.429677	-1.332975
3	6	0	-3.271329	-0.798262	-0.201278
4	6	0	-0.028775	-0.000206	-3.468959
5	6	0	-0.776030	-1.174810	-3.066007
6	6	0	-0.098361	-2.305455	-2.620469

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7	6	0	-2.599632	-1.434334	1.005119
8	6	0	-2.243128	-0.740807	2.133287
9	6	0	1.356993	-0.000184	-3.411616
10	6	0	-1.835064	-2.578947	0.600494
11	6	0	1.727470	-1.174111	3.089816
12	6	0	1.062123	-2.300159	2.627644
13	6	0	1.580363	-3.027728	1.483608
14	6	0	2.738043	-2.594402	0.852902
15	6	0	3.434559	-1.419824	1.340211
16	6	0	0.974497	0.000402	3.488948
17	6	0	-0.409030	0.000376	3.395028
18	6	0	-1.108112	-1.173502	2.911439
19	6	0	-0.384529	-2.304608	2.544117
20	6	0	0.451960	-3.478073	0.694607
21	6	0	0.527948	-3.478305	-0.689771
22	6	0	1.736714	-3.028682	-1.350858
23	6	0	2.817745	-2.595359	-0.595544
24	6	0	3.562376	-1.420597	-1.002432
25	6	0	3.944106	-0.693635	0.192790
26	6	0	3.192749	-0.726275	-2.146001
27	6	0	2.061515	-1.173960	-2.930570
28	6	0	1.348465	-2.299965	-2.543923
29	6	0	-0.758782	-3.027738	1.357797
30	6	0	-0.602361	-3.025958	-1.480578
31	6	0	2.937931	-0.725679	2.434700
32	6	0	-4.816589	-1.120628	-0.312876
33	6	0	-5.447022	-0.668162	0.988732
34	6	0	-5.270983	-0.000084	-1.260346
35	1	0	-4.739308	-0.000172	-2.217018
36	1	0	-6.351695	-0.000108	-1.423458
37	1	0	-5.704300	-1.323382	1.812580
38	1	0	-5.001570	-2.152380	-0.616565
39	6	0	-1.755381	-2.576834	-0.846851
40	6	0	-1.988278	0.740618	-2.416066
41	6	0	-2.469521	1.429572	-1.333220
42	6	0	-3.271344	0.798333	-0.201418
43	6	0	-0.776052	1.174447	-3.066199
44	6	0	-0.098414	2.305190	-2.620863
45	6	0	-2.599669	1.434627	1.004873
46	6	0	-2.243143	0.741298	2.133155
47	6	0	-1.835136	2.579197	0.600060
48	6	0	1.727438	1.174866	3.089607
49	6	0	1.062069	2.300828	2.627259
50	6	0	1.580290	3.028198	1.483089

51	6	0	2.737981	2.594796	0.852456
52	6	0	3.434534	1.420325	1.339969
53	6	0	-1.108136	1.174154	2.911233
54	6	0	-0.384585	2.305220	2.543727
55	6	0	0.451878	3.478376	0.694013
56	6	0	0.527868	3.478377	-0.690364
57	6	0	1.736645	3.028678	-1.351377
58	6	0	2.817689	2.595513	-0.595989
59	6	0	3.562344	1.420697	-1.002676
60	6	0	3.944101	0.693952	0.192672
61	6	0	3.192730	0.726166	-2.146122
62	6	0	2.061483	1.173690	-2.930762
63	6	0	1.348414	2.299752	-2.544319
64	6	0	-0.758856	3.028135	1.357282
65	6	0	-0.602429	3.025863	-1.481089
66	6	0	2.937910	0.726351	2.434570
67	6	0	-4.816593	1.120621	-0.313031
68	6	0	-5.446801	0.668323	0.988749
69	1	0	-5.703916	1.323621	1.812588
70	1	0	-5.001612	2.152323	-0.616872
71	6	0	-1.755438	2.576823	-0.847287
72	35	0	0.489495	-0.001011	0.005478

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1	6	0	-1.718769	-2.286450	1.552401
2	6	0	-2.525728	-1.169948	1.447895
3	6	0	-3.139661	-0.749074	0.157929
4	6	0	-2.595467	-1.409265	-0.998687
5	6	0	-1.744820	-2.585946	-0.883053
6	6	0	-1.325266	-3.033815	0.355408
7	6	0	-2.238912	-0.711239	-2.165148
8	6	0	-2.238895	0.710734	-2.165321
9	6	0	-2.595436	1.409048	-0.999036
10	6	0	-3.139663	0.749137	0.157727
11	6	0	-1.133930	1.430260	-2.812230
12	6	0	-0.842500	2.603712	-2.016626
13	6	0	-1.744777	2.585743	-0.883684
14	6	0	-1.325236	3.033936	0.354664
15	6	0	0.042978	3.477322	0.532414
16	6	0	0.922899	3.483904	-0.546536
17	6	0	0.469339	3.036302	-1.849242
18	6	0	0.496904	3.020359	1.834174
19	6	0	1.807472	2.594762	2.006274

20	6	0	2.723049	2.596822	0.878534
21	6	0	2.291547	3.030555	-0.367441
22	6	0	2.091338	1.421004	2.815096
23	6	0	3.179300	0.695934	2.184326
24	6	0	3.568012	1.419004	0.988529
25	6	0	3.945820	0.725051	-0.155088
26	6	0	3.945806	-0.725132	-0.154907
27	6	0	3.567982	-1.418796	0.988877
28	6	0	3.179290	-0.695432	2.184498
29	6	0	2.091323	-1.420333	2.815449
30	6	0	1.807438	-2.594283	2.006909
31	6	0	2.723011	-2.596632	0.879170
32	6	0	2.291514	-3.030681	-0.366699
33	6	0	0.922856	-3.484052	-0.545679
34	6	0	0.042937	-3.477186	0.533270
35	6	0	0.496868	-3.019911	1.834919
36	6	0	-0.589859	-2.285318	2.459766
37	6	0	-0.842538	-2.604202	-2.015989
38	6	0	0.469299	-3.036764	-1.848494
39	6	0	-0.318971	-1.171023	3.246109
40	6	0	1.052292	-0.726127	3.422368
41	6	0	3.487367	-1.175940	-1.458276
42	6	0	2.682176	-2.302303	-1.562458
43	6	0	1.552162	-2.306351	-2.475650
44	6	0	1.052300	0.726960	3.422185
45	6	0	2.682202	2.301888	-1.563023
46	6	0	3.487386	1.175543	-1.458570
47	6	0	3.200241	-0.000296	-2.262236
48	6	0	1.552191	2.305720	-2.476216
49	6	0	1.271153	1.176228	-3.238968
50	6	0	2.115442	-0.000399	-3.130434
51	6	0	-1.718745	2.286850	1.551836
52	6	0	-0.589832	2.285931	2.459200
53	6	0	-0.318957	1.171829	3.245820
54	6	0	-0.098588	0.732715	-3.407953
55	6	0	-2.525719	1.170336	1.447608
56	6	0	1.271136	-1.177043	-3.238678
57	6	0	-0.098598	-0.733553	-3.407769
58	6	0	-1.133950	-1.430937	-2.811874
59	6	0	-2.236346	0.000290	2.244916
60	6	0	-1.161455	0.000394	3.135887
61	6	0	-5.205352	1.150546	0.299661
62	6	0	-5.205515	-1.150453	0.299940
63	6	0	-5.647894	-0.696503	-0.956383

64	6	0	-5.647802	0.696294	-0.956561
65	6	0	-5.409944	0.000173	1.252075
66	1	0	-5.223323	2.187742	0.615557
67	1	0	-5.779539	1.319551	-1.832842
68	1	0	-5.779684	-1.319969	-1.832508
69	1	0	-5.223508	-2.187567	0.616112
70	1	0	-4.782441	0.000238	2.142543
71	1	0	-6.464646	0.000292	1.565101
72	53	0	0.466221	0.000006	-0.003312

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1	6	0	1.285938	-2.018649	2.847263
2	6	0	1.485011	-0.735822	3.373876
3	6	0	0.349209	0.156156	3.525152
4	6	0	1.483931	-3.328813	0.907940
5	6	0	2.231549	-2.541358	1.871658
6	6	0	3.313869	-1.770376	1.464143
7	6	0	0.770788	1.509718	3.230856
8	6	0	-0.125148	2.364824	2.536172
9	6	0	1.848743	-3.304889	-0.436173
10	6	0	2.149495	1.451550	2.837927
11	6	0	1.130271	3.275966	-1.263006
12	6	0	2.118229	3.185473	-0.279743
13	6	0	3.263683	2.314662	-0.449729
14	6	0	3.356811	1.528517	-1.608448
15	6	0	2.366281	1.611403	-2.643137
16	6	0	-0.259498	3.398143	-0.903145
17	6	0	-0.629665	3.375519	0.461771
18	6	0	0.387851	3.229449	1.470211
19	6	0	1.738358	3.162258	1.119666
20	6	0	3.572206	1.740946	0.841957
21	6	0	4.011634	0.410964	0.939014
22	6	0	4.118737	-0.392757	-0.259213
23	6	0	3.810225	0.146592	-1.508466
24	6	0	3.074293	-0.634546	-2.475602
25	6	0	2.163622	0.271741	-3.153860
26	6	0	2.649379	-1.931672	-2.164874
27	6	0	2.975727	-2.494663	-0.862514
28	6	0	3.695099	-1.746368	0.061595
29	6	0	2.647563	2.275637	1.816719
30	6	0	3.506199	-0.432346	1.999053
31	6	0	1.234191	2.451363	-2.469384
32	6	0	2.602961	0.069599	2.938599

33	6	0	-0.027570	-2.484707	2.485893
34	6	0	-1.131309	-1.615397	2.622140
35	6	0	-0.923569	-0.281712	3.166305
36	6	0	0.085503	-3.279201	1.287273
37	6	0	-0.903373	-3.194114	0.294275
38	6	0	-1.833003	0.619238	2.479653
39	6	0	-1.440499	1.963980	2.201780
40	6	0	-2.617361	-0.154349	1.593255
41	6	0	-1.020646	2.652629	-1.890298
42	6	0	-2.109897	1.918390	-1.450251
43	6	0	-2.084018	0.459722	-1.838390
44	6	0	-1.371079	-0.077489	-3.000453
45	6	0	-0.252410	0.718259	-3.340389
46	6	0	-1.779031	2.604571	0.903204
47	6	0	-2.491856	1.895455	-0.051494
48	6	0	-2.731554	-0.473154	-0.910199
49	6	0	-2.505305	-1.953148	-0.873845
50	6	0	-1.469202	-2.335552	-1.811255
51	6	0	-0.945104	-1.453172	-2.824533
52	6	0	0.446531	-1.514542	-3.180796
53	6	0	0.888407	-0.166563	-3.501996
54	6	0	1.335917	-2.396287	-2.532370
55	6	0	0.835712	-3.233089	-1.469683
56	6	0	-0.521522	-3.170989	-1.110746
57	6	0	-2.642065	0.422841	0.246035
58	6	0	-2.084572	-2.372300	0.445349
59	6	0	-0.065811	2.049176	-2.858325
60	6	0	-2.152875	-1.531717	1.615638
61	6	0	-6.114609	1.047668	-0.440570
62	6	0	-5.939383	-0.047977	-1.199409
63	6	0	-5.686709	-1.208588	-0.332989
64	6	0	-5.714544	-0.808768	0.949824
65	1	0	-6.271069	2.060670	-0.791788
66	1	0	-5.923562	-0.079957	-2.283338
67	1	0	-5.392639	-2.187880	-0.690806
68	1	0	-5.453205	-1.404703	1.814558
69	6	0	-5.943159	0.674285	1.004383
70	1	0	-6.780901	0.982554	1.646275
71	1	0	-5.026701	1.135540	1.405231
72	7	0	-1.379624	0.037722	-0.537126

65_NP

1	6	0	-1.616996	-0.168717	2.785021

2	6	0	-2.531233	0.460267	1.892496
3	6	0	-3.333407	-0.320837	0.821087
4	6	0	-2.543948	-1.593058	0.567895
5	6	0	-1.484165	-2.144559	1.430145
6	6	0	-1.240465	-1.561767	2.751157
7	6	0	-1.896147	-2.033013	-0.686107
8	6	0	-2.115344	-1.277972	-1.915454
9	6	0	-2.580127	0.062776	-1.758819
10	6	0	-3.282559	0.619445	-0.514174
11	6	0	-1.065574	-1.372731	-2.851484
12	6	0	-0.801780	-0.023477	-3.271604
13	6	0	-1.754255	0.860560	-2.581253
14	6	0	-1.334289	2.163747	-2.210957
15	6	0	0.007252	2.560321	-2.448186
16	6	0	0.928779	1.720336	-3.142023
17	6	0	0.501843	0.400857	-3.515201
18	6	0	0.483523	3.306353	-1.294263
19	6	0	1.811736	3.217840	-0.875344
20	6	0	2.735956	2.323182	-1.562074
21	6	0	2.280122	1.581615	-2.650992
22	6	0	2.110639	3.145457	0.539076
23	6	0	3.217962	2.219814	0.718697
24	6	0	3.614336	1.728559	-0.578495
25	6	0	4.004704	0.379551	-0.719891
26	6	0	4.023887	-0.483166	0.455116
27	6	0	3.654500	0.003075	1.704070
28	6	0	3.255808	1.397391	1.852486
29	6	0	2.182590	1.444856	2.812293
30	6	0	1.927863	0.083902	3.264180
31	6	0	2.847100	-0.800668	2.598744
32	6	0	2.392572	-2.067398	2.180824
33	6	0	1.061337	-2.508720	2.450353
34	6	0	0.159777	-1.632170	3.082003
35	6	0	0.613205	-0.323077	3.505249
36	6	0	-0.495792	0.588987	3.318763
37	6	0	-0.669378	-3.264729	0.832470
38	6	0	0.636206	-3.356099	1.302954
39	6	0	-0.247634	1.894416	2.889923
40	6	0	1.116647	2.335628	2.644283
41	6	0	3.582953	-1.801898	0.039045
42	6	0	2.794181	-2.586160	0.878974
43	6	0	1.706860	-3.375756	0.338474
44	6	0	1.087160	3.198456	1.485262
45	6	0	2.703484	0.187863	-2.806862

46	6	0	3.578798	-0.391692	-1.844979
47	6	0	3.296591	-1.736310	-1.383577
48	6	0	1.618522	-0.539725	-3.349472
49	6	0	1.339817	-1.865378	-2.900462
50	6	0	2.230158	-2.472951	-1.898494
51	6	0	-1.699032	2.600733	-0.855154
52	6	0	-0.579313	3.351875	-0.317053
53	6	0	-0.294809	3.296571	1.041433
54	6	0	0.026311	-2.313021	-2.676969
55	6	0	-2.503344	1.846615	-0.025122
56	6	0	1.439654	-3.321281	-1.047358
57	6	0	0.064986	-3.208512	-1.515143
58	6	0	-0.956987	-3.211448	-0.572202
59	6	0	-2.177402	1.738203	1.383229
60	6	0	-1.113971	2.504729	1.921997
61	6	0	-4.824614	0.886060	-0.728217
62	6	0	-4.870261	-0.444782	1.088131
63	6	0	-5.441605	-1.238109	-0.073788
64	6	0	-5.411537	-0.449330	-1.153237
65	6	0	-5.347680	0.972144	0.716403
66	1	0	-5.014661	1.736872	-1.387642
67	1	0	-5.577003	-0.750960	-2.181693
68	1	0	-5.642302	-2.304772	-0.055791
69	1	0	-5.103867	-0.804127	2.093860
70	1	0	-4.854994	1.751434	1.303725
71	1	0	-6.438912	1.078074	0.770351
72	7	0	-1.187612	-1.124079	0.292894

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1	6	0	1.658477	0.127823	-2.697404
2	6	0	2.517141	0.643364	-1.670796
3	6	0	3.133665	-0.188541	-0.627908
4	6	0	2.475393	-1.538996	-0.599958
5	6	0	1.464747	-2.008790	-1.558395
6	6	0	1.254228	-1.260459	-2.801004
7	6	0	1.818674	-2.135367	0.571435
8	6	0	2.029995	-1.532229	1.888640
9	6	0	2.427688	-0.136148	1.828483
10	6	0	2.914946	0.505252	0.640939
11	6	0	0.898039	-1.661621	2.716807
12	6	0	0.614984	-0.354060	3.291158
13	6	0	1.572188	0.585196	2.732824
14	6	0	1.165957	1.908442	2.464435

15	6	0	-0.202416	2.290127	2.712579
16	6	0	-1.121074	1.384515	3.252255
17	6	0	-0.700608	0.024318	3.539859
18	6	0	-0.624857	3.175420	1.636716
19	6	0	-1.927845	3.117477	1.154417
20	6	0	-2.872354	2.162956	1.707367
21	6	0	-2.470349	1.313945	2.738556
22	6	0	-2.169717	3.201761	-0.276494
23	6	0	-3.262830	2.300255	-0.596399
24	6	0	-3.702900	1.669343	0.628860
25	6	0	-4.082964	0.319562	0.613635
26	6	0	-4.073392	-0.426849	-0.628977
27	6	0	-3.638569	0.185815	-1.810468
28	6	0	-3.241374	1.586578	-1.796070
29	6	0	-2.129129	1.737730	-2.707045
30	6	0	-1.852058	0.428004	-3.275679
31	6	0	-2.804693	-0.519310	-2.747424
32	6	0	-2.361104	-1.830690	-2.442336
33	6	0	-1.036650	-2.256749	-2.715889
34	6	0	-0.102262	-1.306721	-3.211466
35	6	0	-0.532416	0.049424	-3.511654
36	6	0	0.570666	0.936183	-3.191621
37	6	0	0.630971	-3.190323	-1.125727
38	6	0	-0.652642	-3.217367	-1.644852
39	6	0	0.301129	2.207537	-2.649730
40	6	0	-1.069431	2.592640	-2.396918
41	6	0	-3.638077	-1.775282	-0.326857
42	6	0	-2.815108	-2.477914	-1.210277
43	6	0	-1.761631	-3.329195	-0.717513
44	6	0	-1.097105	3.341387	-1.150438
45	6	0	-2.870755	-0.087435	2.723363
46	6	0	-3.688537	-0.565875	1.686035
47	6	0	-3.398066	-1.859025	1.101600
48	6	0	-1.796522	-0.877450	3.247559
49	6	0	-1.499429	-2.138191	2.663347
50	6	0	-2.346118	-2.644424	1.578694
51	6	0	1.593943	2.533278	1.239046
52	6	0	0.492967	3.327423	0.725733
53	6	0	0.262048	3.409156	-0.645272
54	6	0	-0.171771	-2.570977	2.444451
55	6	0	2.418397	1.826518	0.348550
56	6	0	-1.529918	-3.412556	0.675581
57	6	0	-0.176483	-3.383631	1.200755
58	6	0	0.870387	-3.278079	0.300663

59	6	0	2.175505	1.910574	-1.089154
60	6	0	1.120212	2.705540	-1.577998
61	6	0	6.326042	0.883262	0.674323
62	6	0	5.374026	-0.462246	-1.016116
63	6	0	5.906540	-1.270982	-0.030683
64	6	0	6.399374	-0.422782	1.029183
65	6	0	5.808917	0.963112	-0.739924
66	1	0	6.612631	1.740308	1.271804
67	1	0	6.755516	-0.789282	1.989461
68	1	0	5.800170	-2.347242	0.030850
69	1	0	5.102785	-0.788660	-2.013505
70	1	0	5.013366	1.698975	-0.891336
71	1	0	6.634343	1.223864	-1.431881
72	7	0	1.060661	-1.162842	-0.338829

65_SINT

1	6	0	-1.984291	1.777913	2.726478
2	6	0	-2.411732	0.472193	3.020612
3	6	0	-1.455139	-0.531804	3.402268
4	6	0	-1.449199	3.278282	1.008740
5	6	0	-2.521374	2.492127	1.599897
6	6	0	-3.490992	1.910826	0.773317
7	6	0	-1.840713	-1.786529	2.771518
8	6	0	-0.876234	-2.664118	2.297050
9	6	0	-1.373874	3.430019	-0.367487
10	6	0	-3.041067	-1.554279	1.997972
11	6	0	-0.926088	-3.042518	-1.777179
12	6	0	-2.163485	-2.979551	-1.142655
13	6	0	-3.123665	-1.968752	-1.535077
14	6	0	-2.788715	-1.057152	-2.536210
15	6	0	-1.509862	-1.131209	-3.207558
16	6	0	0.278567	-3.270484	-1.006873
17	6	0	0.203650	-3.421298	0.369746
18	6	0	-1.081999	-3.349473	1.034350
19	6	0	-2.242250	-3.136246	0.296975
20	6	0	-3.792922	-1.502406	-0.340862
21	6	0	-4.079681	-0.144202	-0.207843
22	6	0	-3.767951	0.798011	-1.263443
23	6	0	-3.128654	0.348590	-2.411809
24	6	0	-2.076880	1.134678	-3.027119
25	6	0	-1.073717	0.225156	-3.510804
26	6	0	-1.699822	2.340561	-2.413809
27	6	0	-2.365681	2.803361	-1.226241

28	6	0	-3.414474	2.068652	-0.654864
29	6	0	-3.250678	-2.221152	0.791959
30	6	0	-3.895152	0.542685	1.053066
31	6	0	-0.591689	-2.102270	-2.832254
32	6	0	-3.381444	-0.149874	2.142287
33	6	0	-0.578064	2.110565	2.835261
34	6	0	0.340654	1.139433	3.209378
35	6	0	-0.095346	-0.217389	3.512551
36	6	0	-0.244341	3.050186	1.779293
37	6	0	0.992466	2.987265	1.144724
38	6	0	0.908802	-1.127135	3.032213
39	6	0	0.531157	-2.332841	2.415707
40	6	0	1.959211	-0.340261	2.416180
41	6	0	1.350929	-2.484928	-1.599046
42	6	0	2.322161	-1.904426	-0.770903
43	6	0	2.717169	-0.532677	-1.049121
44	6	0	2.211504	0.158948	-2.142462
45	6	0	1.243344	-0.463905	-3.020724
46	6	0	1.196257	-2.796914	1.229782
47	6	0	2.247634	-2.062843	0.657292
48	6	0	2.900716	0.153614	0.210197
49	6	0	2.625046	1.513977	0.343521
50	6	0	2.082201	2.230192	-0.790014
51	6	0	1.872525	1.563688	-1.996930
52	6	0	0.671704	1.795349	-2.769451
53	6	0	0.285887	0.539767	-3.399786
54	6	0	-0.293211	2.673153	-2.295982
55	6	0	-0.088050	3.357891	-1.032506
56	6	0	1.071678	3.144322	-0.295397
57	6	0	2.595558	-0.788650	1.265423
58	6	0	1.954421	1.977400	1.537114
59	6	0	0.815198	-1.770552	-2.724401
60	6	0	1.619810	1.065818	2.539238
61	6	0	5.992276	-0.295803	-1.187190
62	6	0	6.193277	0.953568	-0.733495
63	6	0	6.303146	0.921633	0.730653
64	6	0	6.167954	-0.346173	1.156479
65	1	0	5.821392	-0.593055	-2.214143
66	1	0	6.223810	1.855705	-1.333369
67	1	0	6.430515	1.797610	1.356305
68	1	0	6.161337	-0.688614	2.183674
69	6	0	5.941399	-1.243399	-0.024732
70	1	0	6.685252	-2.048961	-0.098661
71	1	0	4.954937	-1.727569	0.038177

72	16	0	-0.579027	-0.001673	0.001620

65_SP

1	6	0	1.664653	-1.893495	2.038465
2	6	0	2.465131	-1.633066	0.944434
3	6	0	3.255659	-0.334089	0.767436
4	6	0	2.565264	0.751765	1.544439
5	6	0	1.714418	0.466399	2.650707
6	6	0	1.304372	-0.834169	2.984291
7	6	0	2.213381	2.015167	1.015048
8	6	0	2.211920	2.222398	-0.386691
9	6	0	2.564134	1.168085	-1.260056
10	6	0	3.254170	-0.096776	-0.832000
11	6	0	1.126146	2.981040	-0.993021
12	6	0	0.822912	2.354826	-2.260081
13	6	0	1.714968	1.217732	-2.402969
14	6	0	1.301578	0.068971	-3.096207
15	6	0	-0.065142	-0.020227	-3.517331
16	6	0	-0.950093	1.060427	-3.377388
17	6	0	-0.482708	2.268417	-2.722313
18	6	0	-0.545895	-1.371907	-3.250608
19	6	0	-1.858278	-1.589274	-2.854849
20	6	0	-2.760217	-0.466986	-2.692343
21	6	0	-2.306166	0.826638	-2.945449
22	6	0	-2.152446	-2.562813	-1.815312
23	6	0	-3.230379	-2.036343	-1.004735
24	6	0	-3.598674	-0.738439	-1.543638
25	6	0	-3.975743	0.292608	-0.686965
26	6	0	-3.975832	0.080302	0.744351
27	6	0	-3.597619	-1.155065	1.264196
28	6	0	-3.228896	-2.239692	0.371618
29	6	0	-2.151029	-2.980084	0.993432
30	6	0	-1.856946	-2.349951	2.270727
31	6	0	-2.759607	-1.229435	2.442001
32	6	0	-2.304226	-0.064733	3.059332
33	6	0	-0.948418	0.033470	3.539582
34	6	0	-0.063529	-1.041028	3.359636
35	6	0	-0.544592	-2.255865	2.711348
36	6	0	0.525886	-2.779881	1.894316
37	6	0	0.823790	1.596587	2.846018
38	6	0	-0.481743	1.380591	3.264545
39	6	0	0.249434	-3.397440	0.678421
40	6	0	-1.120632	-3.492741	0.215590

41	6	0	-3.498452	1.294487	1.381355
42	6	0	-2.684422	1.224963	2.503470
43	6	0	-1.556149	2.126024	2.643143
44	6	0	-1.121285	-3.279489	-1.220809
45	6	0	-2.686348	1.899588	-2.039179
46	6	0	-3.498437	1.639474	-0.943684
47	6	0	-3.201695	2.260321	0.336210
48	6	0	-1.557030	2.801318	-1.911233
49	6	0	-1.269998	3.394291	-0.683747
50	6	0	-2.116474	3.115698	0.462696
51	6	0	1.661331	-1.218966	-2.498583
52	6	0	0.524600	-2.110134	-2.620146
53	6	0	0.248892	-3.053234	-1.635319
54	6	0	0.092620	3.497802	-0.215347
55	6	0	2.461958	-1.287362	-1.376696
56	6	0	-1.269381	3.048285	1.639520
57	6	0	0.093234	3.284478	1.222380
58	6	0	1.127165	2.563281	1.815369
59	6	0	2.138688	-2.215573	-0.328428
60	6	0	1.087380	-3.130950	-0.464809
61	6	0	4.797127	-0.159895	-1.160479
62	6	0	4.798080	-0.487807	1.062828
63	6	0	5.409168	0.878183	0.803861
64	6	0	5.409433	1.072901	-0.518446
65	6	0	5.281649	-1.246675	-0.184938
66	1	0	4.992631	-0.309221	-2.224754
67	1	0	5.636311	1.994858	-1.041461
68	1	0	5.634180	1.610721	1.570575
69	1	0	4.993600	-0.937567	2.038894
70	1	0	4.786633	-2.210831	-0.326978
71	1	0	6.369351	-1.371886	-0.203973
72	16	0	-0.334792	0.026644	0.001618

65_STS

1	6	0	1.684322	0.680823	-2.644683
2	6	0	2.486618	0.940623	-1.546781
3	6	0	3.138484	-0.139247	-0.726446
4	6	0	2.491459	-1.430365	-0.974254
5	6	0	1.668772	-1.690817	-2.104379
6	6	0	1.290571	-0.681445	-3.001600
7	6	0	2.106135	-2.313274	0.077994
8	6	0	2.134056	-1.881491	1.408055
9	6	0	2.526789	-0.509727	1.688822

10	6	0	2.979278	0.345272	0.671845
11	6	0	1.035366	-2.224787	2.279496
12	6	0	0.752721	-1.063981	3.104884
13	6	0	1.679169	-0.011681	2.738027
14	6	0	1.268994	1.326333	2.771417
15	6	0	-0.091304	1.647988	3.116179
16	6	0	-0.992097	0.639768	3.472780
17	6	0	-0.552328	-0.744172	3.456683
18	6	0	-0.530962	2.736773	2.255377
19	6	0	-1.835721	2.772634	1.783835
20	6	0	-2.758983	1.711745	2.142398
21	6	0	-2.348450	0.677098	2.981553
22	6	0	-2.105645	3.161149	0.411239
23	6	0	-3.191265	2.332615	-0.076335
24	6	0	-3.595280	1.441379	0.995923
25	6	0	-4.013050	0.140606	0.711622
26	6	0	-4.011132	-0.331845	-0.654604
27	6	0	-3.590859	0.512241	-1.682004
28	6	0	-3.190355	1.879924	-1.389161
29	6	0	-2.095001	2.223895	-2.270915
30	6	0	-1.820637	1.066408	-3.105346
31	6	0	-2.755205	0.016129	-2.750250
32	6	0	-2.329029	-1.314302	-2.752369
33	6	0	-0.979063	-1.654401	-3.116774
34	6	0	-0.066617	-0.641309	-3.456987
35	6	0	-0.512311	0.745841	-3.439049
36	6	0	0.574140	1.563015	-2.943958
37	6	0	0.751099	-2.770659	-1.765367
38	6	0	-0.547940	-2.735722	-2.248397
39	6	0	0.316504	2.686363	-2.161187
40	6	0	-1.050012	3.014817	-1.807751
41	6	0	-3.555181	-1.711435	-0.650337
42	6	0	-2.745265	-2.191471	-1.669882
43	6	0	-1.642364	-3.080935	-1.360968
44	6	0	-1.054818	3.490837	-0.436110
45	6	0	-2.750677	-0.682865	2.661816
46	6	0	-3.564041	-0.941619	1.564960
47	6	0	-3.281133	-2.091335	0.723599
48	6	0	-1.642618	-1.564739	2.970865
49	6	0	-1.379106	-2.674724	2.171244
50	6	0	-2.224053	-2.940722	1.021232
51	6	0	1.670627	2.197122	1.685654
52	6	0	0.562452	3.079953	1.368995
53	6	0	0.309244	3.453989	0.054323

54	6	0	-0.021516	-3.019189	1.820567
55	6	0	2.459909	1.699905	0.659072
56	6	0	-1.385144	-3.449514	-0.044778
57	6	0	-0.023218	-3.493084	0.450563
58	6	0	1.023732	-3.161318	-0.401487
59	6	0	2.185978	2.076376	-0.712157
60	6	0	1.150601	2.959538	-1.017393
61	6	0	5.731218	0.789313	0.844200
62	6	0	4.950833	-0.250513	-1.106853
63	6	0	5.541227	-1.224353	-0.234206
64	6	0	5.895145	-0.573693	0.961401
65	6	0	5.475208	1.091829	-0.604056
66	1	0	5.920810	1.534969	1.605306
67	1	0	6.181899	-1.085917	1.875796
68	1	0	5.444503	-2.296056	-0.355912
69	1	0	4.911481	-0.418919	-2.182689
70	1	0	4.813060	1.939445	-0.797775
71	1	0	6.431729	1.285381	-1.124296
72	16	0	-0.459570	-0.026767	-0.002451
