

Information provided here corresponds to the four quadrants of the contour profile of the 3D optimized cross-slot L5R8AR1. All dimensions are expressed in μm .

QUADRANTS											
I		II		III		IV					
xxx	yyy	xxx	yyy	xxx	yyy	xxx	yyy	xxx	yyy		
	50	1000		-50	1000		50	-1000		-50	-1000
	50	700		-50	700		50	-700		-50	-700
	50	500		-50	500		50	-500		-50	-500
	50	450		-50	450		50	-450		-50	-450
50.001336	448.9528		-50.00134	448.9528		50.001336	-448.9528		-50.00134	-448.9528	
50.005207	447.90561		-50.00521	447.90561		50.005207	-447.9056		-50.00521	-447.9056	
50.011405	446.85843		-50.0114	446.85843		50.011405	-446.8584		-50.0114	-446.8584	
50.019723	445.81126		-50.01972	445.81126		50.019723	-445.8113		-50.01972	-445.8113	
50.029953	444.76411		-50.02995	444.76411		50.029953	-444.7641		-50.02995	-444.7641	
50.04189	443.71696		-50.04189	443.71696		50.04189	-443.717		-50.04189	-443.717	
50.055325	442.66981		-50.05533	442.66981		50.055325	-442.6698		-50.05533	-442.6698	
50.070052	441.62266		-50.07005	441.62266		50.070052	-441.6227		-50.07005	-441.6227	
50.085864	440.5755		-50.08586	440.5755		50.085864	-440.5755		-50.08586	-440.5755	
50.102553	439.52832		-50.10255	439.52832		50.102553	-439.5283		-50.10255	-439.5283	
50.119914	438.4811		-50.11991	438.4811		50.119914	-438.4811		-50.11991	-438.4811	
50.13774	437.43382		-50.13774	437.43382		50.13774	-437.4338		-50.13774	-437.4338	
50.155823	436.38648		-50.15582	436.38648		50.155823	-436.3865		-50.15582	-436.3865	
50.173959	435.33904		-50.17396	435.33904		50.173959	-435.339		-50.17396	-435.339	
50.191941	434.2915		-50.19194	434.2915		50.191941	-434.2915		-50.19194	-434.2915	
50.209476	433.24381		-50.20948	433.24381		50.209476	-433.2438		-50.20948	-433.2438	
50.225933	432.19594		-50.22593	432.19594		50.225933	-432.1959		-50.22593	-432.1959	
50.240592	431.14782		-50.24059	431.14782		50.240592	-431.1478		-50.24059	-431.1478	
50.252735	430.0994		-50.25274	430.0994		50.252735	-430.0994		-50.25274	-430.0994	
50.261646	429.0506		-50.26165	429.0506		50.261646	-429.0506		-50.26165	-429.0506	
50.266606	428.00134		-50.26661	428.00134		50.266606	-428.0013		-50.26661	-428.0013	
50.2669	426.95153		-50.2669	426.95153		50.2669	-426.9515		-50.2669	-426.9515	
50.261812	425.90109		-50.26181	425.90109		50.261812	-425.9011		-50.26181	-425.9011	
50.250627	424.8499		-50.25063	424.8499		50.250627	-424.8499		-50.25063	-424.8499	
50.232633	423.79786		-50.23263	423.79786		50.232633	-423.7979		-50.23263	-423.7979	
50.207114	422.74485		-50.20711	422.74485		50.207114	-422.7449		-50.20711	-422.7449	
50.17336	421.69076		-50.17336	421.69076		50.17336	-421.6908		-50.17336	-421.6908	
50.130658	420.63543		-50.13066	420.63543		50.130658	-420.6354		-50.13066	-420.6354	
50.078299	419.57874		-50.0783	419.57874		50.078299	-419.5787		-50.0783	-419.5787	
50.015574	418.52054		-50.01557	418.52054		50.015574	-418.5205		-50.01557	-418.5205	
50.022363	417.46723		-50.02236	417.46723		50.022363	-417.4672		-50.02236	-417.4672	
50.028481	416.41345		-50.02848	416.41345		50.028481	-416.4135		-50.02848	-416.4135	
50.033955	415.35919		-50.03395	415.35919		50.033955	-415.3592		-50.03395	-415.3592	
50.038809	414.30441		-50.03881	414.30441		50.038809	-414.3044		-50.03881	-414.3044	
50.04307	413.24912		-50.04307	413.24912		50.04307	-413.2491		-50.04307	-413.2491	
50.046764	412.19329		-50.04676	412.19329		50.046764	-412.1933		-50.04676	-412.1933	
50.049919	411.1369		-50.04992	411.1369		50.049919	-411.1369		-50.04992	-411.1369	
50.052559	410.07994		-50.05256	410.07994		50.052559	-410.0799		-50.05256	-410.0799	
50.054712	409.02239		-50.05471	409.02239		50.054712	-409.0224		-50.05471	-409.0224	
50.056405	407.96423		-50.0564	407.96423		50.056405	-407.9642		-50.0564	-407.9642	
50.057664	406.90546		-50.05766	406.90546		50.057664	-406.9055		-50.05766	-406.9055	
50.058516	405.84605		-50.05852	405.84605		50.058516	-405.846		-50.05852	-405.846	
50.058988	404.78599		-50.05899	404.78599		50.058988	-404.786		-50.05899	-404.786	
50.059107	403.72526		-50.05911	403.72526		50.059107	-403.7253		-50.05911	-403.7253	
50.0589	402.66385		-50.0589	402.66385		50.0589	-402.6639		-50.0589	-402.6639	
50.058394	401.60175		-50.05839	401.60175		50.058394	-401.6017		-50.05839	-401.6017	
50.057617	400.53893		-50.05762	400.53893		50.057617	-400.5389		-50.05762	-400.5389	
50.056596	399.4754		-50.0566	399.4754		50.056596	-399.4754		-50.0566	-399.4754	
50.055359	398.41112		-50.05536	398.41112		50.055359	-398.4111		-50.05536	-398.4111	
50.053932	397.3461		-50.05393	397.3461		50.053932	-397.3461		-50.05393	-397.3461	

50.052343	396.28031	-50.05234	396.28031	50.052343	-396.2803	-50.05234	-396.2803
50.050621	395.21375	-50.05062	395.21375	50.050621	-395.2137	-50.05062	-395.2137
50.048792	394.1464	-50.04879	394.1464	50.048792	-394.1464	-50.04879	-394.1464
50.046885	393.07824	-50.04689	393.07824	50.046885	-393.0782	-50.04689	-393.0782
50.044927	392.00927	-50.04493	392.00927	50.044927	-392.0093	-50.04493	-392.0093
50.042947	390.93948	-50.04295	390.93948	50.042947	-390.9395	-50.04295	-390.9395
50.040972	389.86885	-50.04097	389.86885	50.040972	-389.8688	-50.04097	-389.8688
50.03903	388.79737	-50.03903	388.79737	50.03903	-388.7974	-50.03903	-388.7974
50.037149	387.72503	-50.03715	387.72503	50.037149	-387.725	-50.03715	-387.725
50.035359	386.65182	-50.03536	386.65182	50.035359	-386.6518	-50.03536	-386.6518
50.03368	385.57773	-50.03368	385.57773	50.03368	-385.5777	-50.03368	-385.5777
50.032112	384.50275	-50.03211	384.50275	50.032112	-384.5027	-50.03211	-384.5027
50.03065	383.42685	-50.03065	383.42685	50.03065	-383.4268	-50.03065	-383.4268
50.029285	382.35002	-50.02929	382.35002	50.029285	-382.35	-50.02929	-382.35
50.028013	381.27224	-50.02801	381.27224	50.028013	-381.2722	-50.02801	-381.2722
50.026827	380.1935	-50.02683	380.1935	50.026827	-380.1935	-50.02683	-380.1935
50.02572	379.11379	-50.02572	379.11379	50.02572	-379.1138	-50.02572	-379.1138
50.024688	378.03308	-50.02469	378.03308	50.024688	-378.0331	-50.02469	-378.0331
50.023724	376.95136	-50.02372	376.95136	50.023724	-376.9514	-50.02372	-376.9514
50.022823	375.86861	-50.02282	375.86861	50.022823	-375.8686	-50.02282	-375.8686
50.021979	374.78482	-50.02198	374.78482	50.021979	-374.7848	-50.02198	-374.7848
50.021186	373.69996	-50.02119	373.69996	50.021186	-373.7	-50.02119	-373.7
50.020441	372.61402	-50.02044	372.61402	50.020441	-372.614	-50.02044	-372.614
50.019736	371.52699	-50.01974	371.52699	50.019736	-371.527	-50.01974	-371.527
50.019067	370.43884	-50.01907	370.43884	50.019067	-370.4388	-50.01907	-370.4388
50.01843	369.34957	-50.01843	369.34957	50.01843	-369.3496	-50.01843	-369.3496
50.017819	368.25914	-50.01782	368.25914	50.017819	-368.2591	-50.01782	-368.2591
50.01723	367.16755	-50.01723	367.16755	50.01723	-367.1675	-50.01723	-367.1675
50.016659	366.07477	-50.01666	366.07477	50.016659	-366.0748	-50.01666	-366.0748
50.0161	364.9808	-50.0161	364.9808	50.0161	-364.9808	-50.0161	-364.9808
50.015549	363.8856	-50.01555	363.8856	50.015549	-363.8856	-50.01555	-363.8856
50.015003	362.78917	-50.015	362.78917	50.015003	-362.7892	-50.015	-362.7892
50.014458	361.69148	-50.01446	361.69148	50.014458	-361.6915	-50.01446	-361.6915
50.013908	360.59251	-50.01391	360.59251	50.013908	-360.5925	-50.01391	-360.5925
50.013351	359.49226	-50.01335	359.49226	50.013351	-359.4923	-50.01335	-359.4923
50.012784	358.3907	-50.01278	358.3907	50.012784	-358.3907	-50.01278	-358.3907
50.012201	357.2878	-50.0122	357.2878	50.012201	-357.2878	-50.0122	-357.2878
50.011601	356.18357	-50.0116	356.18357	50.011601	-356.1836	-50.0116	-356.1836
50.01098	355.07796	-50.01098	355.07796	50.01098	-355.078	-50.01098	-355.078
50.010334	353.97098	-50.01033	353.97098	50.010334	-353.971	-50.01033	-353.971
50.009665	352.86259	-50.00967	352.86259	50.009665	-352.8626	-50.00967	-352.8626
50.008994	351.75278	-50.00899	351.75278	50.008994	-351.7528	-50.00899	-351.7528
50.008344	350.64155	-50.00834	350.64155	50.008344	-350.6416	-50.00834	-350.6416
50.007739	349.52889	-50.00774	349.52889	50.007739	-349.5289	-50.00774	-349.5289
50.007206	348.41477	-50.00721	348.41477	50.007206	-348.4148	-50.00721	-348.4148
50.006768	347.29919	-50.00677	347.29919	50.006768	-347.2992	-50.00677	-347.2992
50.006449	346.18214	-50.00645	346.18214	50.006449	-346.1821	-50.00645	-346.1821
50.006275	345.06361	-50.00628	345.06361	50.006275	-345.0636	-50.00628	-345.0636
50.006271	343.94358	-50.00627	343.94358	50.006271	-343.9436	-50.00627	-343.9436
50.006461	342.82205	-50.00646	342.82205	50.006461	-342.8221	-50.00646	-342.8221
50.00687	341.69901	-50.00687	341.69901	50.00687	-341.699	-50.00687	-341.699
50.007524	340.57444	-50.00752	340.57444	50.007524	-340.5744	-50.00752	-340.5744
50.008447	339.44834	-50.00845	339.44834	50.008447	-339.4483	-50.00845	-339.4483
50.009664	338.32069	-50.00966	338.32069	50.009664	-338.3207	-50.00966	-338.3207
50.0112	337.19149	-50.0112	337.19149	50.0112	-337.1915	-50.0112	-337.1915
50.013082	336.06073	-50.01308	336.06073	50.013082	-336.0607	-50.01308	-336.0607
50.015333	334.92839	-50.01533	334.92839	50.015333	-334.9284	-50.01533	-334.9284
50.017979	333.79448	-50.01798	333.79448	50.017979	-333.7945	-50.01798	-333.7945
50.021045	332.65897	-50.02105	332.65897	50.021045	-332.659	-50.02105	-332.659

50.024558	331.52187	-50.02456	331.52187	50.024558	-331.5219	-50.02456	-331.5219
50.028541	330.38317	-50.02854	330.38317	50.028541	-330.3832	-50.02854	-330.3832
50.033021	329.24285	-50.03302	329.24285	50.033021	-329.2428	-50.03302	-329.2428
50.038023	328.1009	-50.03802	328.1009	50.038023	-328.1009	-50.03802	-328.1009
50.043573	326.95733	-50.04357	326.95733	50.043573	-326.9573	-50.04357	-326.9573
50.049696	325.81213	-50.0497	325.81213	50.049696	-325.8121	-50.0497	-325.8121
50.056418	324.66528	-50.05642	324.66528	50.056418	-324.6653	-50.05642	-324.6653
50.063765	323.51677	-50.06376	323.51677	50.063765	-323.5168	-50.06376	-323.5168
50.071761	322.36662	-50.07176	322.36662	50.071761	-322.3666	-50.07176	-322.3666
50.080433	321.21479	-50.08043	321.21479	50.080433	-321.2148	-50.08043	-321.2148
50.089807	320.0613	-50.08981	320.0613	50.089807	-320.0613	-50.08981	-320.0613
50.09987	318.90612	-50.09987	318.90612	50.09987	-318.9061	-50.09987	-318.9061
50.110456	317.74917	-50.11046	317.74917	50.110456	-317.7492	-50.11046	-317.7492
50.121364	316.59039	-50.12136	316.59039	50.121364	-316.5904	-50.12136	-316.5904
50.13239	315.42968	-50.13239	315.42968	50.13239	-315.4297	-50.13239	-315.4297
50.143334	314.26695	-50.14333	314.26695	50.143334	-314.2669	-50.14333	-314.2669
50.153995	313.10211	-50.15399	313.10211	50.153995	-313.1021	-50.15399	-313.1021
50.164174	311.93507	-50.16417	311.93507	50.164174	-311.9351	-50.16417	-311.9351
50.173672	310.76574	-50.17367	310.76574	50.173672	-310.7657	-50.17367	-310.7657
50.182292	309.59401	-50.18229	309.59401	50.182292	-309.594	-50.18229	-309.594
50.189837	308.41979	-50.18984	308.41979	50.189837	-308.4198	-50.18984	-308.4198
50.196111	307.24298	-50.19611	307.24298	50.196111	-307.243	-50.19611	-307.243
50.20092	306.06347	-50.20092	306.06347	50.20092	-306.0635	-50.20092	-306.0635
50.20407	304.88116	-50.20407	304.88116	50.20407	-304.8812	-50.20407	-304.8812
50.205368	303.69594	-50.20537	303.69594	50.205368	-303.6959	-50.20537	-303.6959
50.204621	302.50769	-50.20462	302.50769	50.204621	-302.5077	-50.20462	-302.5077
50.20164	301.31632	-50.20164	301.31632	50.20164	-301.3163	-50.20164	-301.3163
50.196235	300.1217	-50.19623	300.1217	50.196235	-300.1217	-50.19623	-300.1217
50.188216	298.92371	-50.18822	298.92371	50.188216	-298.9237	-50.18822	-298.9237
50.177396	297.72225	-50.1774	297.72225	50.177396	-297.7222	-50.1774	-297.7222
50.163588	296.51718	-50.16359	296.51718	50.163588	-296.5172	-50.16359	-296.5172
50.146608	295.30839	-50.14661	295.30839	50.146608	-295.3084	-50.14661	-295.3084
50.126269	294.09574	-50.12627	294.09574	50.126269	-294.0957	-50.12627	-294.0957
50.10239	292.87913	-50.10239	292.87913	50.10239	-292.8791	-50.10239	-292.8791
50.074788	291.6584	-50.07479	291.6584	50.074788	-291.6584	-50.07479	-291.6584
50.043281	290.43344	-50.04328	290.43344	50.043281	-290.4334	-50.04328	-290.4334
50.00769	289.20412	-50.00769	289.20412	50.00769	-289.2041	-50.00769	-289.2041
49.967836	287.97029	-49.96784	287.97029	49.967836	-287.9703	-49.96784	-287.9703
49.923542	286.73182	-49.92354	286.73182	49.923542	-286.7318	-49.92354	-286.7318
49.874631	285.48857	-49.87463	285.48857	49.874631	-285.4886	-49.87463	-285.4886
49.820927	284.2404	-49.82093	284.2404	49.820927	-284.2404	-49.82093	-284.2404
49.762446	282.98724	-49.76245	282.98724	49.762446	-282.9872	-49.76245	-282.9872
49.699949	281.72935	-49.69995	281.72935	49.699949	-281.7293	-49.69995	-281.7293
49.634385	280.46706	-49.63439	280.46706	49.634385	-280.4671	-49.63439	-280.4671
49.566699	279.20072	-49.5667	279.20072	49.566699	-279.2007	-49.5667	-279.2007
49.497831	277.93068	-49.49783	277.93068	49.497831	-277.9307	-49.49783	-277.9307
49.428717	276.65732	-49.42872	276.65732	49.428717	-276.6573	-49.42872	-276.6573
49.36029	275.38101	-49.36029	275.38101	49.36029	-275.381	-49.36029	-275.381
49.293478	274.10213	-49.29348	274.10213	49.293478	-274.1021	-49.29348	-274.1021
49.229205	272.82108	-49.2292	272.82108	49.229205	-272.8211	-49.2292	-272.8211
49.168392	271.53827	-49.16839	271.53827	49.168392	-271.5383	-49.16839	-271.5383
49.111955	270.2541	-49.11195	270.2541	49.111955	-270.2541	-49.11195	-270.2541
49.060805	268.96901	-49.06081	268.96901	49.060805	-268.969	-49.06081	-268.969
49.01585	267.68342	-49.01585	267.68342	49.01585	-267.6834	-49.01585	-267.6834
48.977993	266.39779	-48.97799	266.39779	48.977993	-266.3978	-48.97799	-266.3978
48.948131	265.11255	-48.94813	265.11255	48.948131	-265.1126	-48.94813	-265.1126
48.92716	263.82818	-48.92716	263.82818	48.92716	-263.8282	-48.92716	-263.8282
48.915968	262.54515	-48.91597	262.54515	48.915968	-262.5451	-48.91597	-262.5451
48.91544	261.26393	-48.91544	261.26393	48.91544	-261.2639	-48.91544	-261.2639

48.926456	259.98501	-48.92646	259.98501	48.926456	-259.985	-48.92646	-259.985
48.949892	258.70891	-48.94989	258.70891	48.949892	-258.7089	-48.94989	-258.7089
48.986617	257.43611	-48.98662	257.43611	48.986617	-257.4361	-48.98662	-257.4361
49.037497	256.16715	-49.0375	256.16715	49.037497	-256.1671	-49.0375	-256.1671
49.103392	254.90254	-49.10339	254.90254	49.103392	-254.9025	-49.10339	-254.9025
49.185159	253.64283	-49.18516	253.64283	49.185159	-253.6428	-49.18516	-253.6428
49.283647	252.38856	-49.28365	252.38856	49.283647	-252.3886	-49.28365	-252.3886
49.399701	251.14028	-49.3997	251.14028	49.399701	-251.1403	-49.3997	-251.1403
49.534162	249.89856	-49.53416	249.89856	49.534162	-249.8986	-49.53416	-249.8986
49.687865	248.66397	-49.68787	248.66397	49.687865	-248.664	-49.68787	-248.664
49.861639	247.43708	-49.86164	247.43708	49.861639	-247.4371	-49.86164	-247.4371
50.056307	246.2185	-50.05631	246.2185	50.056307	-246.2185	-50.05631	-246.2185
50.272351	245.00865	-50.27235	245.00865	50.272351	-245.0087	-50.27235	-245.0087
50.508898	243.80726	-50.5089	243.80726	50.508898	-243.8073	-50.5089	-243.8073
50.76474	242.61388	-50.76474	242.61388	50.76474	-242.6139	-50.76474	-242.6139
51.038677	241.42805	-51.03868	241.42805	51.038677	-241.4281	-51.03868	-241.4281
51.329512	240.2493	-51.32951	240.2493	51.329512	-240.2493	-51.32951	-240.2493
51.636056	239.07714	-51.63606	239.07714	51.636056	-239.0771	-51.63606	-239.0771
51.957125	237.91107	-51.95712	237.91107	51.957125	-237.9111	-51.95712	-237.9111
52.291539	236.75059	-52.29154	236.75059	52.291539	-236.7506	-52.29154	-236.7506
52.638126	235.59516	-52.63813	235.59516	52.638126	-235.5952	-52.63813	-235.5952
52.995721	234.44426	-52.99572	234.44426	52.995721	-234.4443	-52.99572	-234.4443
53.363161	233.29733	-53.36316	233.29733	53.363161	-233.2973	-53.36316	-233.2973
53.739293	232.15383	-53.73929	232.15383	53.739293	-232.1538	-53.73929	-232.1538
54.122969	231.01317	-54.12297	231.01317	54.122969	-231.0132	-54.12297	-231.0132
54.513046	229.87478	-54.51305	229.87478	54.513046	-229.8748	-54.51305	-229.8748
54.90839	228.73806	-54.90839	228.73806	54.90839	-228.7381	-54.90839	-228.7381
55.30787	227.60241	-55.30787	227.60241	55.30787	-227.6024	-55.30787	-227.6024
55.710364	226.4672	-55.71036	226.4672	55.710364	-226.4672	-55.71036	-226.4672
56.114757	225.33182	-56.11476	225.33182	56.114757	-225.3318	-56.11476	-225.3318
56.519938	224.19561	-56.51994	224.19561	56.519938	-224.1956	-56.51994	-224.1956
56.924806	223.05792	-56.92481	223.05792	56.924806	-223.0579	-56.92481	-223.0579
57.328264	221.9181	-57.32826	221.9181	57.328264	-221.9181	-57.32826	-221.9181
57.729223	220.77546	-57.72922	220.77546	57.729223	-220.7755	-57.72922	-220.7755
58.126602	219.62931	-58.1266	219.62931	58.126602	-219.6293	-58.1266	-219.6293
58.519326	218.47897	-58.51933	218.47897	58.519326	-218.479	-58.51933	-218.479
58.906327	217.32371	-58.90633	217.32371	58.906327	-217.3237	-58.90633	-217.3237
59.286544	216.16281	-59.28654	216.16281	59.286544	-216.1628	-59.28654	-216.1628
59.658924	214.99555	-59.65892	214.99555	59.658924	-214.9956	-59.65892	-214.9956
60.022422	213.82118	-60.02242	213.82118	60.022422	-213.8212	-60.02242	-213.8212
60.375998	212.63893	-60.376	212.63893	60.375998	-212.6389	-60.376	-212.6389
60.718622	211.44806	-60.71862	211.44806	60.718622	-211.4481	-60.71862	-211.4481
61.049648	210.248	-61.04965	210.248	61.049648	-210.248	-61.04965	-210.248
61.369943	209.03915	-61.36994	209.03915	61.369943	-209.0391	-61.36994	-209.0391
61.680748	207.82213	-61.68075	207.82213	61.680748	-207.8221	-61.68075	-207.8221
61.983295	206.59757	-61.98329	206.59757	61.983295	-206.5976	-61.98329	-206.5976
62.278809	205.36614	-62.27881	205.36614	62.278809	-205.3661	-62.27881	-205.3661
62.568508	204.12849	-62.56851	204.12849	62.568508	-204.1285	-62.56851	-204.1285
62.853604	202.8853	-62.8536	202.8853	62.853604	-202.8853	-62.8536	-202.8853
63.135299	201.63727	-63.1353	201.63727	63.135299	-201.6373	-63.1353	-201.6373
63.41479	200.38508	-63.41479	200.38508	63.41479	-200.3851	-63.41479	-200.3851
63.693265	199.12947	-63.69326	199.12947	63.693265	-199.1295	-63.69326	-199.1295
63.971904	197.87114	-63.9719	197.87114	63.971904	-197.8711	-63.9719	-197.8711
64.251881	196.61084	-64.25188	196.61084	64.251881	-196.6108	-64.25188	-196.6108
64.534361	195.34932	-64.53436	195.34932	64.534361	-195.3493	-64.53436	-195.3493
64.8205	194.08734	-64.8205	194.08734	64.8205	-194.0873	-64.8205	-194.0873
65.111449	192.82568	-65.11145	192.82568	65.111449	-192.8257	-65.11145	-192.8257
65.408348	191.56513	-65.40835	191.56513	65.408348	-191.5651	-65.40835	-191.5651
65.71233	190.30647	-65.71233	190.30647	65.71233	-190.3065	-65.71233	-190.3065

66.024522	189.05053	-66.02452	189.05053	66.024522	-189.0505	-66.02452	-189.0505
66.346038	187.79812	-66.34604	187.79812	66.346038	-187.7981	-66.34604	-187.7981
66.677988	186.55007	-66.67799	186.55007	66.677988	-186.5501	-66.67799	-186.5501
67.02147	185.30724	-67.02147	185.30724	67.02147	-185.3072	-67.02147	-185.3072
67.377578	184.07048	-67.37758	184.07048	67.377578	-184.0705	-67.37758	-184.0705
67.747392	182.84066	-67.74739	182.84066	67.747392	-182.8407	-67.74739	-182.8407
68.131988	181.61866	-68.13199	181.61866	68.131988	-181.6187	-68.13199	-181.6187
68.532431	180.40537	-68.53243	180.40537	68.532431	-180.4054	-68.53243	-180.4054
68.949777	179.20169	-68.94978	179.20169	68.949777	-179.2017	-68.94978	-179.2017
69.385074	178.00855	-69.38507	178.00855	69.385074	-178.0085	-69.38507	-178.0085
69.83936	176.82686	-69.83936	176.82686	69.83936	-176.8269	-69.83936	-176.8269
70.313665	175.65756	-70.31366	175.65756	70.313665	-175.6576	-70.31366	-175.6576
70.809009	174.50161	-70.80901	174.50161	70.809009	-174.5016	-70.80901	-174.5016
71.326099	173.35974	-71.3261	173.35974	71.326099	-173.3597	-71.3261	-173.3597
71.864413	172.23179	-71.86441	172.23179	71.864413	-172.2318	-71.86441	-172.2318
72.42313	171.11739	-72.42313	171.11739	72.42313	-171.1174	-72.42313	-171.1174
73.001431	170.01614	-73.00143	170.01614	73.001431	-170.0161	-73.00143	-170.0161
73.598503	168.92766	-73.5985	168.92766	73.598503	-168.9277	-73.5985	-168.9277
74.213539	167.85153	-74.21354	167.85153	74.213539	-167.8515	-74.21354	-167.8515
74.845735	166.78735	-74.84574	166.78735	74.845735	-166.7874	-74.84574	-166.7874
75.494295	165.73469	-75.49429	165.73469	75.494295	-165.7347	-75.49429	-165.7347
76.158423	164.69312	-76.15842	164.69312	76.158423	-164.6931	-76.15842	-164.6931
76.837334	163.66221	-76.83733	163.66221	76.837334	-163.6622	-76.83733	-163.6622
77.530244	162.64151	-77.53024	162.64151	77.530244	-162.6415	-77.53024	-162.6415
78.236376	161.63056	-78.23638	161.63056	78.236376	-161.6306	-78.23638	-161.6306
78.954957	160.62892	-78.95496	160.62892	78.954957	-160.6289	-78.95496	-160.6289
79.685221	159.63611	-79.68522	159.63611	79.685221	-159.6361	-79.68522	-159.6361
80.426407	158.65166	-80.42641	158.65166	80.426407	-158.6517	-80.42641	-158.6517
81.177758	157.67508	-81.17776	157.67508	81.177758	-157.6751	-81.17776	-157.6751
81.938523	156.70589	-81.93852	156.70589	81.938523	-156.7059	-81.93852	-156.7059
82.707958	155.74358	-82.70796	155.74358	82.707958	-155.7436	-82.70796	-155.7436
83.485323	154.78765	-83.48532	154.78765	83.485323	-154.7876	-83.48532	-154.7876
84.269884	153.83758	-84.26988	153.83758	84.269884	-153.8376	-84.26988	-153.8376
85.060913	152.89286	-85.06091	152.89286	85.060913	-152.8929	-85.06091	-152.8929
85.857688	151.95296	-85.85769	151.95296	85.857688	-151.953	-85.85769	-151.953
86.65949	151.01734	-86.65949	151.01734	86.65949	-151.0173	-86.65949	-151.0173
87.465611	150.08546	-87.46561	150.08546	87.465611	-150.0855	-87.46561	-150.0855
88.275343	149.15677	-88.27534	149.15677	88.275343	-149.1568	-88.27534	-149.1568
89.087989	148.23071	-89.08799	148.23071	89.087989	-148.2307	-89.08799	-148.2307
89.902855	147.30672	-89.90285	147.30672	89.902855	-147.3067	-89.90285	-147.3067
90.719253	146.38422	-90.71925	146.38422	90.719253	-146.3842	-90.71925	-146.3842
91.536502	145.46264	-91.5365	145.46264	91.536502	-145.4626	-91.5365	-145.4626
92.353927	144.54139	-92.35393	144.54139	92.353927	-144.5414	-92.35393	-144.5414
93.170997	143.61999	-93.171	143.61999	93.170997	-143.62	-93.171	-143.62
93.987738	142.69845	-93.98774	142.69845	93.987738	-142.6984	-93.98774	-142.6984
94.804314	141.77687	-94.80431	141.77687	94.804314	-141.7769	-94.80431	-141.7769
95.620887	140.85539	-95.62089	140.85539	95.620887	-140.8554	-95.62089	-140.8554
96.437617	139.9341	-96.43762	139.9341	96.437617	-139.9341	-96.43762	-139.9341
97.254664	139.01314	-97.25466	139.01314	97.254664	-139.0131	-97.25466	-139.0131
98.072186	138.09263	-98.07219	138.09263	98.072186	-138.0926	-98.07219	-138.0926
98.890341	137.17269	-98.89034	137.17269	98.890341	-137.1727	-98.89034	-137.1727
99.709284	136.25345	-99.70928	136.25345	99.709284	-136.2535	-99.70928	-136.2535
100.52917	135.33504	-100.5292	135.33504	100.52917	-135.335	-100.5292	-135.335
101.35015	134.41758	-101.3501	134.41758	101.35015	-134.4176	-101.3501	-134.4176
102.17238	133.5012	-102.1724	133.5012	102.17238	-133.5012	-102.1724	-133.5012
102.996	132.58604	-102.996	132.58604	102.996	-132.586	-102.996	-132.586
103.82117	131.67224	-103.8212	131.67224	103.82117	-131.6722	-103.8212	-131.6722
104.64803	130.75991	-104.648	130.75991	104.64803	-130.7599	-104.648	-130.7599
105.47673	129.84921	-105.4767	129.84921	105.47673	-129.8492	-105.4767	-129.8492

106.30742	128.94027	-106.3074	128.94027	106.30742	-128.9403	-106.3074	-128.9403
107.14023	128.03323	-107.1402	128.03323	107.14023	-128.0332	-107.1402	-128.0332
107.97531	127.12824	-107.9753	127.12824	107.97531	-127.1282	-107.9753	-127.1282
108.8128	126.22542	-108.8128	126.22542	108.8128	-126.2254	-108.8128	-126.2254
109.65284	125.32494	-109.6528	125.32494	109.65284	-125.3249	-109.6528	-125.3249
110.49556	124.42694	-110.4956	124.42694	110.49556	-124.4269	-110.4956	-124.4269
111.3411	123.53155	-111.3411	123.53155	111.3411	-123.5316	-111.3411	-123.5316
112.1896	122.63894	-112.1896	122.63894	112.1896	-122.6389	-112.1896	-122.6389
113.04119	121.74925	-113.0412	121.74925	113.04119	-121.7492	-113.0412	-121.7492
113.896	120.86263	-113.896	120.86263	113.896	-120.8626	-113.896	-120.8626
114.75415	119.97924	-114.7542	119.97924	114.75415	-119.9792	-114.7542	-119.9792
115.61579	119.09923	-115.6158	119.09923	115.61579	-119.0992	-115.6158	-119.0992
116.48102	118.22276	-116.481	118.22276	116.48102	-118.2228	-116.481	-118.2228
117.34999	117.34998	-117.35	117.34998	117.34999	-117.35	-117.35	-117.35
118.22277	116.48101	-118.2228	116.48101	118.22277	-116.481	-118.2228	-116.481
119.09924	115.61577	-119.0992	115.61577	119.09924	-115.6158	-119.0992	-115.6158
119.97925	114.75414	-119.9793	114.75414	119.97925	-114.7541	-119.9793	-114.7541
120.86264	113.89598	-120.8626	113.89598	120.86264	-113.896	-120.8626	-113.896
121.74926	113.04118	-121.7493	113.04118	121.74926	-113.0412	-121.7493	-113.0412
122.63895	112.18959	-122.639	112.18959	122.63895	-112.1896	-122.639	-112.1896
123.53156	111.34109	-123.5316	111.34109	123.53156	-111.3411	-123.5316	-111.3411
124.42695	110.49555	-124.4269	110.49555	124.42695	-110.4955	-124.4269	-110.4955
125.32496	109.65283	-125.325	109.65283	125.32496	-109.6528	-125.325	-109.6528
126.22544	108.81279	-126.2254	108.81279	126.22544	-108.8128	-126.2254	-108.8128
127.12825	107.9753	-127.1282	107.9753	127.12825	-107.9753	-127.1282	-107.9753
128.03325	107.14022	-128.0332	107.14022	128.03325	-107.1402	-128.0332	-107.1402
128.94029	106.30741	-128.9403	106.30741	128.94029	-106.3074	-128.9403	-106.3074
129.84923	105.47672	-129.8492	105.47672	129.84923	-105.4767	-129.8492	-105.4767
130.75993	104.64802	-130.7599	104.64802	130.75993	-104.648	-130.7599	-104.648
131.67225	103.82116	-131.6722	103.82116	131.67225	-103.8212	-131.6722	-103.8212
132.58606	102.99599	-132.5861	102.99599	132.58606	-102.996	-132.5861	-102.996
133.50122	102.17236	-133.5012	102.17236	133.50122	-102.1724	-133.5012	-102.1724
134.41759	101.35014	-134.4176	101.35014	134.41759	-101.3501	-134.4176	-101.3501
135.33505	100.52916	-135.3351	100.52916	135.33505	-100.5292	-135.3351	-100.5292
136.25347	99.709272	-136.2535	99.709272	136.25347	-99.70927	-136.2535	-99.70927
137.17271	98.890329	-137.1727	98.890329	137.17271	-98.89033	-137.1727	-98.89033
138.09265	98.072175	-138.0926	98.072175	138.09265	-98.07217	-138.0926	-98.07217
139.01316	97.254652	-139.0132	97.254652	139.01316	-97.25465	-139.0132	-97.25465
139.93411	96.437605	-139.9341	96.437605	139.93411	-96.4376	-139.9341	-96.4376
140.8554	95.620875	-140.8554	95.620875	140.8554	-95.62087	-140.8554	-95.62087
141.77689	94.804302	-141.7769	94.804302	141.77689	-94.8043	-141.7769	-94.8043
142.69846	93.987727	-142.6985	93.987727	142.69846	-93.98773	-142.6985	-93.98773
143.62	93.170985	-143.62	93.170985	143.62	-93.17099	-143.62	-93.17099
144.5414	92.353915	-144.5414	92.353915	144.5414	-92.35391	-144.5414	-92.35391
145.46265	91.53649	-145.4627	91.53649	145.46265	-91.53649	-145.4627	-91.53649
146.38423	90.719241	-146.3842	90.719241	146.38423	-90.71924	-146.3842	-90.71924
147.30673	89.902843	-147.3067	89.902843	147.30673	-89.90284	-147.3067	-89.90284
148.23072	89.087977	-148.2307	89.087977	148.23072	-89.08798	-148.2307	-89.08798
149.15678	88.275332	-149.1568	88.275332	149.15678	-88.27533	-149.1568	-88.27533
150.08547	87.465599	-150.0855	87.465599	150.08547	-87.4656	-150.0855	-87.4656
151.01735	86.659479	-151.0174	86.659479	151.01735	-86.65948	-151.0174	-86.65948
151.95297	85.857676	-151.953	85.857676	151.95297	-85.85768	-151.953	-85.85768
152.89288	85.060902	-152.8929	85.060902	152.89288	-85.0609	-152.8929	-85.0609
153.8376	84.269873	-153.8376	84.269873	153.8376	-84.26987	-153.8376	-84.26987
154.78766	83.485312	-154.7877	83.485312	154.78766	-83.48531	-154.7877	-83.48531
155.74359	82.707947	-155.7436	82.707947	155.74359	-82.70795	-155.7436	-82.70795
156.7059	81.938512	-156.7059	81.938512	156.7059	-81.93851	-156.7059	-81.93851
157.6751	81.177747	-157.6751	81.177747	157.6751	-81.17775	-157.6751	-81.17775
158.65168	80.426396	-158.6517	80.426396	158.65168	-80.4264	-158.6517	-80.4264

159.63613	79.685211	-159.6361	79.685211	159.63613	-79.68521	-159.6361	-79.68521
160.62894	78.954947	-160.6289	78.954947	160.62894	-78.95495	-160.6289	-78.95495
161.63058	78.236365	-161.6306	78.236365	161.63058	-78.23637	-161.6306	-78.23637
162.64152	77.530234	-162.6415	77.530234	162.64152	-77.53023	-162.6415	-77.53023
163.66222	76.837324	-163.6622	76.837324	163.66222	-76.83732	-163.6622	-76.83732
164.69313	76.158414	-164.6931	76.158414	164.69313	-76.15841	-164.6931	-76.15841
165.7347	75.494285	-165.7347	75.494285	165.7347	-75.49428	-165.7347	-75.49428
166.78737	74.845726	-166.7874	74.845726	166.78737	-74.84573	-166.7874	-74.84573
167.85155	74.21353	-167.8516	74.21353	167.85155	-74.21353	-167.8516	-74.21353
168.92768	73.598494	-168.9277	73.598494	168.92768	-73.59849	-168.9277	-73.59849
170.01616	73.001422	-170.0162	73.001422	170.01616	-73.00142	-170.0162	-73.00142
171.1174	72.423121	-171.1174	72.423121	171.1174	-72.42312	-171.1174	-72.42312
172.2318	71.864405	-172.2318	71.864405	172.2318	-71.86441	-172.2318	-71.86441
173.35975	71.326091	-173.3598	71.326091	173.35975	-71.32609	-173.3598	-71.32609
174.50163	70.809002	-174.5016	70.809002	174.50163	-70.809	-174.5016	-70.809
175.65758	70.313658	-175.6576	70.313658	175.65758	-70.31366	-175.6576	-70.31366
176.82688	69.839353	-176.8269	69.839353	176.82688	-69.83935	-176.8269	-69.83935
178.00857	69.385067	-178.0086	69.385067	178.00857	-69.38507	-178.0086	-69.38507
179.20171	68.949771	-179.2017	68.949771	179.20171	-68.94977	-179.2017	-68.94977
180.40539	68.532425	-180.4054	68.532425	180.40539	-68.53243	-180.4054	-68.53243
181.61868	68.131983	-181.6187	68.131983	181.61868	-68.13198	-181.6187	-68.13198
182.84068	67.747387	-182.8407	67.747387	182.84068	-67.74739	-182.8407	-67.74739
184.0705	67.377573	-184.0705	67.377573	184.0705	-67.37757	-184.0705	-67.37757
185.30726	67.021465	-185.3073	67.021465	185.30726	-67.02147	-185.3073	-67.02147
186.55009	66.677983	-186.5501	66.677983	186.55009	-66.67798	-186.5501	-66.67798
187.79813	66.346033	-187.7981	66.346033	187.79813	-66.34603	-187.7981	-66.34603
189.05054	66.024517	-189.0505	66.024517	189.05054	-66.02452	-189.0505	-66.02452
190.30649	65.712326	-190.3065	65.712326	190.30649	-65.71233	-190.3065	-65.71233
191.56515	65.408343	-191.5651	65.408343	191.56515	-65.40834	-191.5651	-65.40834
192.8257	65.111444	-192.8257	65.111444	192.8257	-65.11144	-192.8257	-65.11144
194.08736	64.820496	-194.0874	64.820496	194.08736	-64.8205	-194.0874	-64.8205
195.34934	64.534356	-195.3493	64.534356	195.34934	-64.53436	-195.3493	-64.53436
196.61086	64.251877	-196.6109	64.251877	196.61086	-64.25188	-196.6109	-64.25188
197.87116	63.9719	-197.8712	63.9719	197.87116	-63.9719	-197.8712	-63.9719
199.12948	63.693261	-199.1295	63.693261	199.12948	-63.69326	-199.1295	-63.69326
200.3851	63.414786	-200.3851	63.414786	200.3851	-63.41479	-200.3851	-63.41479
201.63729	63.135295	-201.6373	63.135295	201.63729	-63.1353	-201.6373	-63.1353
202.88532	62.8536	-202.8853	62.8536	202.88532	-62.8536	-202.8853	-62.8536
204.12851	62.568504	-204.1285	62.568504	204.12851	-62.5685	-204.1285	-62.5685
205.36616	62.278805	-205.3662	62.278805	205.36616	-62.2788	-205.3662	-62.2788
206.59759	61.983291	-206.5976	61.983291	206.59759	-61.98329	-206.5976	-61.98329
207.82214	61.680744	-207.8221	61.680744	207.82214	-61.68074	-207.8221	-61.68074
209.03917	61.369939	-209.0392	61.369939	209.03917	-61.36994	-209.0392	-61.36994
210.24802	61.049643	-210.248	61.049643	210.24802	-61.04964	-210.248	-61.04964
211.44807	60.718617	-211.4481	60.718617	211.44807	-60.71862	-211.4481	-60.71862
212.63895	60.375993	-212.639	60.375993	212.63895	-60.37599	-212.639	-60.37599
213.82119	60.022417	-213.8212	60.022417	213.82119	-60.02242	-213.8212	-60.02242
214.99557	59.658919	-214.9956	59.658919	214.99557	-59.65892	-214.9956	-59.65892
216.16283	59.286539	-216.1628	59.286539	216.16283	-59.28654	-216.1628	-59.28654
217.32373	58.906321	-217.3237	58.906321	217.32373	-58.90632	-217.3237	-58.90632
218.47898	58.51932	-218.479	58.51932	218.47898	-58.51932	-218.479	-58.51932
219.62933	58.126597	-219.6293	58.126597	219.62933	-58.1266	-219.6293	-58.1266
220.77548	57.729217	-220.7755	57.729217	220.77548	-57.72922	-220.7755	-57.72922
221.91812	57.328258	-221.9181	57.328258	221.91812	-57.32826	-221.9181	-57.32826
223.05794	56.9248	-223.0579	56.9248	223.05794	-56.9248	-223.0579	-56.9248
224.19563	56.519932	-224.1956	56.519932	224.19563	-56.51993	-224.1956	-56.51993
225.33183	56.114751	-225.3318	56.114751	225.33183	-56.11475	-225.3318	-56.11475
226.46722	55.710358	-226.4672	55.710358	226.46722	-55.71036	-226.4672	-55.71036
227.60242	55.307864	-227.6024	55.307864	227.60242	-55.30786	-227.6024	-55.30786

228.73808	54.908384	-228.7381	54.908384	228.73808	-54.90838	-228.7381	-54.90838
229.8748	54.513041	-229.8748	54.513041	229.8748	-54.51304	-229.8748	-54.51304
231.01319	54.122964	-231.0132	54.122964	231.01319	-54.12296	-231.0132	-54.12296
232.15384	53.739288	-232.1538	53.739288	232.15384	-53.73929	-232.1538	-53.73929
233.29735	53.363156	-233.2973	53.363156	233.29735	-53.36316	-233.2973	-53.36316
234.44427	52.995715	-234.4443	52.995715	234.44427	-52.99572	-234.4443	-52.99572
235.59518	52.638121	-235.5952	52.638121	235.59518	-52.63812	-235.5952	-52.63812
236.7506	52.291534	-236.7506	52.291534	236.7506	-52.29153	-236.7506	-52.29153
237.91109	51.95712	-237.9111	51.95712	237.91109	-51.95712	-237.9111	-51.95712
239.07716	51.636052	-239.0772	51.636052	239.07716	-51.63605	-239.0772	-51.63605
240.24932	51.329508	-240.2493	51.329508	240.24932	-51.32951	-240.2493	-51.32951
241.42807	51.038673	-241.4281	51.038673	241.42807	-51.03867	-241.4281	-51.03867
242.6139	50.764736	-242.6139	50.764736	242.6139	-50.76474	-242.6139	-50.76474
243.80728	50.508894	-243.8073	50.508894	243.80728	-50.50889	-243.8073	-50.50889
245.00867	50.272348	-245.0087	50.272348	245.00867	-50.27235	-245.0087	-50.27235
246.21852	50.056304	-246.2185	50.056304	246.21852	-50.0563	-246.2185	-50.0563
247.4371	49.861636	-247.4371	49.861636	247.4371	-49.86164	-247.4371	-49.86164
248.66398	49.687863	-248.664	49.687863	248.66398	-49.68786	-248.664	-49.68786
249.89858	49.53416	-249.8986	49.53416	249.89858	-49.53416	-249.8986	-49.53416
251.1403	49.399699	-251.1403	49.399699	251.1403	-49.3997	-251.1403	-49.3997
252.38858	49.283645	-252.3886	49.283645	252.38858	-49.28365	-252.3886	-49.28365
253.64285	49.185158	-253.6428	49.185158	253.64285	-49.18516	-253.6428	-49.18516
254.90256	49.103391	-254.9026	49.103391	254.90256	-49.10339	-254.9026	-49.10339
256.16717	49.037496	-256.1672	49.037496	256.16717	-49.0375	-256.1672	-49.0375
257.43613	48.986616	-257.4361	48.986616	257.43613	-48.98662	-257.4361	-48.98662
258.70892	48.949891	-258.7089	48.949891	258.70892	-48.94989	-258.7089	-48.94989
259.98503	48.926456	-259.985	48.926456	259.98503	-48.92646	-259.985	-48.92646
261.26395	48.91544	-261.2639	48.91544	261.26395	-48.91544	-261.2639	-48.91544
262.54516	48.915968	-262.5452	48.915968	262.54516	-48.91597	-262.5452	-48.91597
263.8282	48.92716	-263.8282	48.92716	263.8282	-48.92716	-263.8282	-48.92716
265.11257	48.948132	-265.1126	48.948132	265.11257	-48.94813	-265.1126	-48.94813
266.3978	48.977993	-266.3978	48.977993	266.3978	-48.97799	-266.3978	-48.97799
267.68344	49.015851	-267.6834	49.015851	267.68344	-49.01585	-267.6834	-49.01585
268.96903	49.060806	-268.969	49.060806	268.96903	-49.06081	-268.969	-49.06081
270.25412	49.111956	-270.2541	49.111956	270.25412	-49.11196	-270.2541	-49.11196
271.53828	49.168393	-271.5383	49.168393	271.53828	-49.16839	-271.5383	-49.16839
272.8211	49.229206	-272.8211	49.229206	272.8211	-49.22921	-272.8211	-49.22921
274.10215	49.293479	-274.1021	49.293479	274.10215	-49.29348	-274.1021	-49.29348
275.38103	49.360291	-275.381	49.360291	275.38103	-49.36029	-275.381	-49.36029
276.65734	49.428718	-276.6573	49.428718	276.65734	-49.42872	-276.6573	-49.42872
277.9307	49.497832	-277.9307	49.497832	277.9307	-49.49783	-277.9307	-49.49783
279.20074	49.5667	-279.2007	49.5667	279.20074	-49.5667	-279.2007	-49.5667
280.46708	49.634386	-280.4671	49.634386	280.46708	-49.63439	-280.4671	-49.63439
281.72937	49.69995	-281.7294	49.69995	281.72937	-49.69995	-281.7294	-49.69995
282.98726	49.762446	-282.9873	49.762446	282.98726	-49.76245	-282.9873	-49.76245
284.24041	49.820928	-284.2404	49.820928	284.24041	-49.82093	-284.2404	-49.82093
285.48859	49.874632	-285.4886	49.874632	285.48859	-49.87463	-285.4886	-49.87463
286.73184	49.923543	-286.7318	49.923543	286.73184	-49.92354	-286.7318	-49.92354
287.97031	49.967837	-287.9703	49.967837	287.97031	-49.96784	-287.9703	-49.96784
289.20414	50.007691	-289.2041	50.007691	289.20414	-50.00769	-289.2041	-50.00769
290.43346	50.043281	-290.4335	50.043281	290.43346	-50.04328	-290.4335	-50.04328
291.65842	50.074788	-291.6584	50.074788	291.65842	-50.07479	-291.6584	-50.07479
292.87914	50.10239	-292.8791	50.10239	292.87914	-50.10239	-292.8791	-50.10239
294.09576	50.12627	-294.0958	50.12627	294.09576	-50.12627	-294.0958	-50.12627
295.3084	50.146608	-295.3084	50.146608	295.3084	-50.14661	-295.3084	-50.14661
296.5172	50.163588	-296.5172	50.163588	296.5172	-50.16359	-296.5172	-50.16359
297.72226	50.177396	-297.7223	50.177396	297.72226	-50.1774	-297.7223	-50.1774
298.92373	50.188216	-298.9237	50.188216	298.92373	-50.18822	-298.9237	-50.18822
300.12171	50.196235	-300.1217	50.196235	300.12171	-50.19623	-300.1217	-50.19623

301.31634	50.20164	-301.3163	50.20164	301.31634	-50.20164	-301.3163	-50.20164
302.50771	50.204621	-302.5077	50.204621	302.50771	-50.20462	-302.5077	-50.20462
303.69595	50.205368	-303.696	50.205368	303.69595	-50.20537	-303.696	-50.20537
304.88118	50.20407	-304.8812	50.20407	304.88118	-50.20407	-304.8812	-50.20407
306.06349	50.20092	-306.0635	50.20092	306.06349	-50.20092	-306.0635	-50.20092
307.243	50.196111	-307.243	50.196111	307.243	-50.19611	-307.243	-50.19611
308.41981	50.189837	-308.4198	50.189837	308.41981	-50.18984	-308.4198	-50.18984
309.59403	50.182292	-309.594	50.182292	309.59403	-50.18229	-309.594	-50.18229
310.76575	50.173672	-310.7658	50.173672	310.76575	-50.17367	-310.7658	-50.17367
311.93509	50.164173	-311.9351	50.164173	311.93509	-50.16417	-311.9351	-50.16417
313.10213	50.153995	-313.1021	50.153995	313.10213	-50.15399	-313.1021	-50.15399
314.26697	50.143334	-314.267	50.143334	314.26697	-50.14333	-314.267	-50.14333
315.4297	50.13239	-315.4297	50.13239	315.4297	-50.13239	-315.4297	-50.13239
316.59041	50.121364	-316.5904	50.121364	316.59041	-50.12136	-316.5904	-50.12136
317.74919	50.110456	-317.7492	50.110456	317.74919	-50.11046	-317.7492	-50.11046
318.90613	50.09987	-318.9061	50.09987	318.90613	-50.09987	-318.9061	-50.09987
320.06132	50.089807	-320.0613	50.089807	320.06132	-50.08981	-320.0613	-50.08981
321.21481	50.080433	-321.2148	50.080433	321.21481	-50.08043	-321.2148	-50.08043
322.36663	50.071761	-322.3666	50.071761	322.36663	-50.07176	-322.3666	-50.07176
323.51679	50.063765	-323.5168	50.063765	323.51679	-50.06376	-323.5168	-50.06376
324.66529	50.056418	-324.6653	50.056418	324.66529	-50.05642	-324.6653	-50.05642
325.81214	50.049696	-325.8121	50.049696	325.81214	-50.0497	-325.8121	-50.0497
326.95735	50.043573	-326.9574	50.043573	326.95735	-50.04357	-326.9574	-50.04357
328.10092	50.038023	-328.1009	50.038023	328.10092	-50.03802	-328.1009	-50.03802
329.24286	50.033021	-329.2429	50.033021	329.24286	-50.03302	-329.2429	-50.03302
330.38318	50.028541	-330.3832	50.028541	330.38318	-50.02854	-330.3832	-50.02854
331.52189	50.024557	-331.5219	50.024557	331.52189	-50.02456	-331.5219	-50.02456
332.65899	50.021045	-332.659	50.021045	332.65899	-50.02105	-332.659	-50.02105
333.79449	50.017979	-333.7945	50.017979	333.79449	-50.01798	-333.7945	-50.01798
334.92841	50.015332	-334.9284	50.015332	334.92841	-50.01533	-334.9284	-50.01533
336.06074	50.013082	-336.0607	50.013082	336.06074	-50.01308	-336.0607	-50.01308
337.19151	50.0112	-337.1915	50.0112	337.19151	-50.0112	-337.1915	-50.0112
338.32071	50.009664	-338.3207	50.009664	338.32071	-50.00966	-338.3207	-50.00966
339.44835	50.008447	-339.4484	50.008447	339.44835	-50.00845	-339.4484	-50.00845
340.57445	50.007524	-340.5745	50.007524	340.57445	-50.00752	-340.5745	-50.00752
341.69902	50.00687	-341.699	50.00687	341.69902	-50.00687	-341.699	-50.00687
342.82207	50.006461	-342.8221	50.006461	342.82207	-50.00646	-342.8221	-50.00646
343.9436	50.006271	-343.9436	50.006271	343.9436	-50.00627	-343.9436	-50.00627
345.06362	50.006275	-345.0636	50.006275	345.06362	-50.00628	-345.0636	-50.00628
346.18216	50.006449	-346.1822	50.006449	346.18216	-50.00645	-346.1822	-50.00645
347.29921	50.006768	-347.2992	50.006768	347.29921	-50.00677	-347.2992	-50.00677
348.41479	50.007206	-348.4148	50.007206	348.41479	-50.00721	-348.4148	-50.00721
349.5289	50.007739	-349.5289	50.007739	349.5289	-50.00774	-349.5289	-50.00774
350.64157	50.008344	-350.6416	50.008344	350.64157	-50.00834	-350.6416	-50.00834
351.7528	50.008994	-351.7528	50.008994	351.7528	-50.00899	-351.7528	-50.00899
352.8626	50.009665	-352.8626	50.009665	352.8626	-50.00967	-352.8626	-50.00967
353.97099	50.010334	-353.971	50.010334	353.97099	-50.01033	-353.971	-50.01033
355.07798	50.01098	-355.078	50.01098	355.07798	-50.01098	-355.078	-50.01098
356.18358	50.011601	-356.1836	50.011601	356.18358	-50.0116	-356.1836	-50.0116
357.28782	50.012201	-357.2878	50.012201	357.28782	-50.0122	-357.2878	-50.0122
358.39071	50.012784	-358.3907	50.012784	358.39071	-50.01278	-358.3907	-50.01278
359.49228	50.013351	-359.4923	50.013351	359.49228	-50.01335	-359.4923	-50.01335
360.59253	50.013908	-360.5925	50.013908	360.59253	-50.01391	-360.5925	-50.01391
361.69149	50.014458	-361.6915	50.014458	361.69149	-50.01446	-361.6915	-50.01446
362.78918	50.015003	-362.7892	50.015003	362.78918	-50.015	-362.7892	-50.015
363.88561	50.015549	-363.8856	50.015549	363.88561	-50.01555	-363.8856	-50.01555
364.98081	50.0161	-364.9808	50.0161	364.98081	-50.0161	-364.9808	-50.0161
366.07479	50.016659	-366.0748	50.016659	366.07479	-50.01666	-366.0748	-50.01666
367.16756	50.01723	-367.1676	50.01723	367.16756	-50.01723	-367.1676	-50.01723

368.25916	50.017819	-368.2592	50.017819	368.25916	-50.01782	-368.2592	-50.01782
369.34958	50.01843	-369.3496	50.01843	369.34958	-50.01843	-369.3496	-50.01843
370.43886	50.019067	-370.4389	50.019067	370.43886	-50.01907	-370.4389	-50.01907
371.52701	50.019736	-371.527	50.019736	371.52701	-50.01974	-371.527	-50.01974
372.61404	50.020441	-372.614	50.020441	372.61404	-50.02044	-372.614	-50.02044
373.69997	50.021186	-373.7	50.021186	373.69997	-50.02119	-373.7	-50.02119
374.78483	50.021979	-374.7848	50.021979	374.78483	-50.02198	-374.7848	-50.02198
375.86863	50.022823	-375.8686	50.022823	375.86863	-50.02282	-375.8686	-50.02282
376.95138	50.023724	-376.9514	50.023724	376.95138	-50.02372	-376.9514	-50.02372
378.0331	50.024688	-378.0331	50.024688	378.0331	-50.02469	-378.0331	-50.02469
379.11381	50.02572	-379.1138	50.02572	379.11381	-50.02572	-379.1138	-50.02572
380.19352	50.026827	-380.1935	50.026827	380.19352	-50.02683	-380.1935	-50.02683
381.27226	50.028013	-381.2723	50.028013	381.27226	-50.02801	-381.2723	-50.02801
382.35003	50.029285	-382.35	50.029285	382.35003	-50.02929	-382.35	-50.02929
383.42686	50.03065	-383.4269	50.03065	383.42686	-50.03065	-383.4269	-50.03065
384.50276	50.032112	-384.5028	50.032112	384.50276	-50.03211	-384.5028	-50.03211
385.57775	50.03368	-385.5777	50.03368	385.57775	-50.03368	-385.5777	-50.03368
386.65184	50.035359	-386.6518	50.035359	386.65184	-50.03536	-386.6518	-50.03536
387.72505	50.037149	-387.725	50.037149	387.72505	-50.03715	-387.725	-50.03715
388.79739	50.03903	-388.7974	50.03903	388.79739	-50.03903	-388.7974	-50.03903
389.86886	50.040972	-389.8689	50.040972	389.86886	-50.04097	-389.8689	-50.04097
390.9395	50.042947	-390.9395	50.042947	390.9395	-50.04295	-390.9395	-50.04295
392.00929	50.044927	-392.0093	50.044927	392.00929	-50.04493	-392.0093	-50.04493
393.07826	50.046885	-393.0783	50.046885	393.07826	-50.04689	-393.0783	-50.04689
394.14641	50.048792	-394.1464	50.048792	394.14641	-50.04879	-394.1464	-50.04879
395.21376	50.050621	-395.2138	50.050621	395.21376	-50.05062	-395.2138	-50.05062
396.28033	50.052343	-396.2803	50.052343	396.28033	-50.05234	-396.2803	-50.05234
397.34612	50.053932	-397.3461	50.053932	397.34612	-50.05393	-397.3461	-50.05393
398.41114	50.055359	-398.4111	50.055359	398.41114	-50.05536	-398.4111	-50.05536
399.47541	50.056596	-399.4754	50.056596	399.47541	-50.0566	-399.4754	-50.0566
400.53895	50.057617	-400.5389	50.057617	400.53895	-50.05762	-400.5389	-50.05762
401.60176	50.058394	-401.6018	50.058394	401.60176	-50.05839	-401.6018	-50.05839
402.66387	50.0589	-402.6639	50.0589	402.66387	-50.0589	-402.6639	-50.0589
403.72527	50.059107	-403.7253	50.059107	403.72527	-50.05911	-403.7253	-50.05911
404.786	50.058988	-404.786	50.058988	404.786	-50.05899	-404.786	-50.05899
405.84606	50.058516	-405.8461	50.058516	405.84606	-50.05852	-405.8461	-50.05852
406.90547	50.057664	-406.9055	50.057664	406.90547	-50.05766	-406.9055	-50.05766
407.96425	50.056405	-407.9642	50.056405	407.96425	-50.0564	-407.9642	-50.0564
409.0224	50.054712	-409.0224	50.054712	409.0224	-50.05471	-409.0224	-50.05471
410.07995	50.052559	-410.08	50.052559	410.07995	-50.05256	-410.08	-50.05256
411.13691	50.049919	-411.1369	50.049919	411.13691	-50.04992	-411.1369	-50.04992
412.1933	50.046764	-412.1933	50.046764	412.1933	-50.04676	-412.1933	-50.04676
413.24914	50.04307	-413.2491	50.04307	413.24914	-50.04307	-413.2491	-50.04307
414.30443	50.038809	-414.3044	50.038809	414.30443	-50.03881	-414.3044	-50.03881
415.3592	50.033955	-415.3592	50.033955	415.3592	-50.03395	-415.3592	-50.03395
416.41347	50.028481	-416.4135	50.028481	416.41347	-50.02848	-416.4135	-50.02848
417.46725	50.022363	-417.4672	50.022363	417.46725	-50.02236	-417.4672	-50.02236
418.52056	50.015575	-418.5206	50.015575	418.52056	-50.01557	-418.5206	-50.01557
419.57876	50.0783	-419.5788	50.0783	419.57876	-50.0783	-419.5788	-50.0783
420.63545	50.130659	-420.6354	50.130659	420.63545	-50.13066	-420.6354	-50.13066
421.69077	50.17336	-421.6908	50.17336	421.69077	-50.17336	-421.6908	-50.17336
422.74487	50.207114	-422.7449	50.207114	422.74487	-50.20711	-422.7449	-50.20711
423.79788	50.232633	-423.7979	50.232633	423.79788	-50.23263	-423.7979	-50.23263
424.84992	50.250628	-424.8499	50.250628	424.84992	-50.25063	-424.8499	-50.25063
425.9011	50.261812	-425.9011	50.261812	425.9011	-50.26181	-425.9011	-50.26181
426.95155	50.2669	-426.9515	50.2669	426.95155	-50.2669	-426.9515	-50.2669
428.00136	50.266606	-428.0014	50.266606	428.00136	-50.26661	-428.0014	-50.26661
429.05062	50.261646	-429.0506	50.261646	429.05062	-50.26165	-429.0506	-50.26165
430.09942	50.252735	-430.0994	50.252735	430.09942	-50.25274	-430.0994	-50.25274

431.14784	50.240592	-431.1478	50.240592	431.14784	-50.24059	-431.1478	-50.24059
432.19596	50.225933	-432.196	50.225933	432.19596	-50.22593	-432.196	-50.22593
433.24383	50.209476	-433.2438	50.209476	433.24383	-50.20948	-433.2438	-50.20948
434.29151	50.19194	-434.2915	50.19194	434.29151	-50.19194	-434.2915	-50.19194
435.33906	50.173959	-435.3391	50.173959	435.33906	-50.17396	-435.3391	-50.17396
436.38649	50.155823	-436.3865	50.155823	436.38649	-50.15582	-436.3865	-50.15582
437.43384	50.137739	-437.4338	50.137739	437.43384	-50.13774	-437.4338	-50.13774
438.48111	50.119914	-438.4811	50.119914	438.48111	-50.11991	-438.4811	-50.11991
439.52833	50.102553	-439.5283	50.102553	439.52833	-50.10255	-439.5283	-50.10255
440.57552	50.085863	-440.5755	50.085863	440.57552	-50.08586	-440.5755	-50.08586
441.62268	50.070052	-441.6227	50.070052	441.62268	-50.07005	-441.6227	-50.07005
442.66983	50.055325	-442.6698	50.055325	442.66983	-50.05532	-442.6698	-50.05532
443.71697	50.04189	-443.717	50.04189	443.71697	-50.04189	-443.717	-50.04189
444.76412	50.029953	-444.7641	50.029953	444.76412	-50.02995	-444.7641	-50.02995
445.81128	50.019723	-445.8113	50.019723	445.81128	-50.01972	-445.8113	-50.01972
446.85845	50.011405	-446.8584	50.011405	446.85845	-50.0114	-446.8584	-50.0114
447.90563	50.005207	-447.9056	50.005207	447.90563	-50.00521	-447.9056	-50.00521
448.95282	50.001336	-448.9528	50.001336	448.95282	-50.00134	-448.9528	-50.00134
450.00002	50	-450	50	450.00002	-50	-450	-50
500	50	-500	50	500	-50	-500	-50
700	50	-700	50	700	-50	-700	-50
1000	50	-1000	50	1000	-50	-1000	-50

