

TABLE 1. Generalized Euler constants

$x$	$m$	$\gamma_1(r, m)$	$x$	$m$	$\gamma_2(r, m)$	$x$	$m$	$\gamma_3(r, m)$	$x$	$m$	$\gamma_4(r, m)$	$x$	$m$	$\gamma_5(r, m)$
1	1	-0.072815845484	1	1	-0.00690363193	1	1	0.002053834420	1	1	0.002325370065	1	1	.000793323817
1	2	-1.11342374613	1	2	-0.03690477876	1	2	-.0028051679306	1	2	.0162654115737	1	2	
2	2	.04526529129	2	2	.02841114683	2	2	.005733892226	2	2	-.007835784021	2	2	-.011860791920
1	3	-1.16713732357	1	3	-.06200237651	1	3	-.02593835249	1	3	.010432667873	1	3	.0327765359833
2	3	.08949254612	2	3	.03977514449	2	3	-.193341951671	2	3	-.0353528136	2	3	-.035353355979
3	3	-.01051367739	3	3	.023332355009	3	3	.035883185840	3	3	.0254623595	3	3	.003410319963
1	4	-1.15621845705	1	4	-.09838601153	1	4	.04881458556	1	4	-.00207530311	1	4	.074527210746
2	4	-.10190529209	2	4	.02427232255	2	4	-.03326913089	2	4	-.06216260822	2	4	-.068354562519
3	4	.03278471092	3	4	.053030122277	3	4	.045601406050	3	4	.012236884397	3	4	-.034798005059
4	4	-.05388762979	4	4	.002413882428	4	4	.039103020215	4	4	.058460426802	4	4	.06648467060
1	5	-1.162593875615	1	5	-.1134000885599	1	5	-.0092683899317	1	5	-.025999192928	1	5	.088930547182
2	5	.114881769778	2	5	.01061173232	2	5	-.056912206261	2	5	-.10142089763	2	5	-.11112685061
3	5	.070722057769	3	5	.074481944199	3	5	.043350453133	3	5	-.007718356533	3	5	
4	5	-.0080317543869	4	5	.048877910670	4	5	.070074747336	4	5	.072204793736	4	5	.088272722265
5	5	-.0877936553546	5	5	.02711304787	5	5	.023676628929	5	5	.027782645848	5	5	.112486516025
1	6	-.167022351536	1	6	-.02716874753	1	6	-.109983221198	1	6	-.053915658719	1	6	.03494311005
2	6	.125151444932	2	6	.01690432118	2	6	-.00370508192	2	6	-.14523126671	2	6	-.153340956929
3	6	.092461617243	3	6	.084158309547	3	6	.03716817871	3	6	-.04306725340	3	6	-.103277956218
4	6	.023036616180	4	6	.070976637102	4	6	.078789386549	4	6	-.09494233752	4	6	-.0216795112
5	6	-.04566619320	5	6	.01487087330	5	6	.069134392021	5	6	.111874453505	5	6	.128037600950
6	6	-.102975391982	6	6	-.05282951538	6	6	-.00184986031	6	6	.1337381116181	6	6	
1	7	-.16244255281	1	7	-.155734868524	1	7	-.140073622837	1	7	-.06398513981	1	7	.066002878013
2	7	.13263831829	2	7	.00849433572	2	7	-.103057981772	2	7	-.18383469525	2	7	-.2424791863
3	7	.11093723714	3	7	.090020360304	3	7	-.02739878028	3	7	-.072349735815	3	7	.066040527268
4	7	.0549880096	4	7	.090020360304	4	7	.06087108183	4	7	.06188335038	4	7	
5	7	-.0066991918772	5	7	.046675757979	5	7	.09104662583	5	7	.130793869811	5	7	.114935077849
6	7	-.067313566104	6	7	-.013960703168	6	7	-.05149607689	6	7	-.12810703139	6	7	.2056365979
7	7	-.124212738965	7	7	-.080504422256	7	7	-.0304208760	7	7	-.09724775606	7	7	.174709305480
1	8	-.17047226263	1	8	-.1663631361277	1	8	-.16789398310	1	8	-.139072020506	1	8	-.066280631276
2	8	.138232447499	2	8	-.001604823040	2	8	-.12458823040	2	8	-.232497357815	2	8	.292556136859
3	8	.12378382888	3	8	.094678160158	3	8	-.01759008766	3	8	-.11288325608	3	8	.299351113458
4	8	.079932952022	4	8	.104141353195	4	8	.100011190046	4	8	-.148833661519	4	8	
5	8	.015422430558	5	8	.027979760124	5	8	.119388334954	5	8	.13733190295	5	8	.033712732023
6	8	-.0391153390	6	8	.023766280484	6	8	.09128812551	6	8	.166201146932	6	8	.22230904350
7	8	-.08098911796	7	8	-.033730356882	7	8	.028011392884	7	8	.125120140005	7	8	.261553108449
8	8	-.123232102201	8	8	-.103722470766	8	8	-.060307787331	8	8	.02686975183	8	8	.17531832112
1	9	-.16916580856	1	9	-.183341951956	1	9	-.196074119596	1	9	-.184224044012	1	9	.098897835619
2	9	.14572141797	2	9	-.008484530326	2	9	-.145043800180	2	9	-.217068725434	2	9	-.36704124766
3	9	.132542330	3	9	.097788165182	3	9	.06632757362	3	9	-.14946025843	3	9	-.37492180373
4	9	.0852530967	4	9	.11061525404	4	9	.10086110051	4	9	.05868820495	4	9	.18789433407
5	9	.0337058883	5	9	.00258926335	5	9	.133913741232	5	9	.13586913040	5	9	.003744640
6	9	-.01592746984	6	9	.050422039116	6	9	.12020986569	6	9	.10136194051	6	9	.22066525708
7	9	-.057326682468	7	9	-.009191812094	7	9	.072499473196	7	9	-.17878789091	7	9	.31023648858
8	9	-.090000416068	8	9	-.056563215576	8	9	-.00105457223	8	9	.107857912027	8	9	.291320404887
9	9	-.13338236085	9	9	-.119873305689	9	9	-.09115358691	9	9	-.05429402059	9	9	.1575647630

TABLE 1 (continued)

$x$	$m$	$\gamma_6(r,m)$	$x$	$m$	$\gamma_7(r,m)$	$x$	$m$	$\gamma_8(r,m)$	$x$	$m$	$\gamma_9(r,m)$	$x$	$m$	$\gamma_{10}(r,m)$
1	1	-0.00238763345	1	1	-0.00327289567	1	1	-0.00352123354	1	1	-0.00034394774	1	1	.000205332815
1	2	-0.002351332	1	2	-0.003355901	1	2	-0.00384099565	1	2	-0.01407377984	1	2	-.013711459557
2	2	-0.008462282673	2	2	-0.000680845468	2	2	-0.008031976212	2	2	-0.01403935070	2	2	-.013916792372
1	3	-0.1822256695	1	3	.0327118360	1	3	.001913180171	1	3	-0.0176595532	1	3	-.118801948194
2	3	-0.18572400632	2	3	.013764130707	2	3	.05187729501	2	3	.088446310048	2	3	.093011704921
3	3	-0.023488621408	3	3	-.04762618635	3	3	-.05615303206	3	3	-.036711109191	3	3	.025995576088
1	4	.093066361189	1	4	.118571056674	1	4	.0948159323224	1	4	-.0244330571	1	4	-.27438304064
2	4	-0.033560681737	2	4	.042751376390	2	4	.155998082279	2	4	.283730333148	2	4	.353831740207
3	4	-.084842847862	3	4	-.118417500772	3	4	-.10320022789	3	4	.006570550127	3	4	.260677845057
4	4	.0255993399064	4	4	-.043966332067	4	4	-.148966632067	4	4	-.26690948079	4	4	-.33991494735
1	5	.146129775380	1	5	.2491840455173	1	5	.308876556406	1	5	-.20654913921	1	5	-.254193301860
2	5	-.058829800552	2	5	-.07791706439	2	5	.313228560814	2	5	.649761468371	2	5	.952217161182
3	5	-.164667076451	3	5	-.20595658789	3	5	-.139482317503	3	5	.446645504716	3	5	-.794875423022
4	5	-.045229227978	4	5	-.18678066974090	4	5	-.3709666974090	4	5	-.522069354506	4	5	-.444035983328
5	5	.122357560256	5	5	.064747602341	5	5	-.11608048981	5	5	-.480931198353	5	5	-.104865796620
1	6	.186500231563	1	6	.40254852094	1	6	.638101193356	1	6	.716632106517	1	6	.219293903214
2	6	-.098442719308	2	6	.105699335357	2	6	.530590976145	2	6	.2120745568384	2	6	.033064031978
3	6	-.2661477036912	3	6	-.310292246278	3	6	-.391573372757	3	6	.1707045064286	3	6	-.76842170148
4	6	-.146677978868	4	6	-.372283653734	4	6	-.636188013185	4	6	-.112229925894	4	6	-.4440053232706
5	6	-.078870318676	5	6	-.09480502829	5	6	-.47640346644	5	6	-.1136269013252	5	6	-.1.940053232706
6	6	.23665815504	6	6	.263032874729	6	6	-.1.8728770982	6	6	-.42828448176	6	6	-.1.8810494820
1	7	.2125819329718	1	7	.5666735987657	1	7	.076103192738	1	7	.1.543166526721	1	7	.1.375619025502
2	7	-.154705233391	2	7	.124810513393	2	7	.773765485805	2	7	.5667356258230	2	7	.2.0707708790859
3	7	-.30248054740	3	7	-.458576760682	3	7	-.20490056065	3	7	.734016142610	3	7	.3.045593068139
4	7	-.261690372017	4	7	-.930899848347	4	7	-.93886168265	4	7	-.1.0315102442	4	7	-.020843660443
5	7	-.061152259761	5	7	-.321972469715	5	7	-.934957241460	5	7	-.1.87128770982	5	7	-.2.82124273861
6	7	.242868174400	6	7	.139228674371	6	7	-.303037062925	6	7	-.1.40466782184	6	7	-.3.54494610065
7	7	.345107046446	7	7	.517504613756	7	7	.539721726817	7	7	.033317808677	7	7	-.77643167268
1	8	.244574572377	1	8	.716851675261	1	8	.517575633028	1	8	.2.673858323847	1	8	.3.363694383613
2	8	-.228515370208	2	8	.118716183264	2	8	.1.029136524923	2	8	.6.011782786229	2	8	.4.28807196363
3	8	-.434451622483	3	8	-.585558738644	3	8	-.2585237147032	3	8	.1.156470758138	3	8	-.985293124715
4	8	-.499353223352	4	8	-.839008465119	4	8	-.1.27698118031	4	8	-.1.22379344221	4	8	.6.254540406751
5	8	-.1.1508111188	5	8	-.598286161857	5	8	-.4.68284170980	5	8	-.2.69900265542	5	8	-.3.63804368768
6	8	.14954688472	6	8	-.075964688474	6	8	-.872137716644	6	8	-.6115636854	6	8	-.5.65795104602
7	8	.494000814621	7	8	.467141237871	7	8	-.1.52623124243	7	8	-.1.14930020741	7	8	-.4.56822985186
8	8	.434451622483	8	8	.795576243231	8	8	.1.12801348246	8	8	-.954102494133	8	8	-.3.2807196363
1	9	.193162528793	1	9	.843462291645	1	9	-.2.09740943043	1	9	.4.08869796393	1	9	.6.254540406751
2	9	-.31980386459	2	9	.894461139666	2	9	.1.27763061813	2	9	.3.9685262486	2	9	.8.79103893367
3	9	-.631364928179	3	9	-.761835878613	3	9	-.3.3402239265	3	9	.1.635280584249	3	9	.7.049243913143
4	9	-.522707598048	4	9	-.1.1500641023	4	9	-.1.6572322885	4	9	-.1.4521915800	4	9	.1.526633063137
5	9	-.258163136510	5	9	-.913798164583	5	9	-.2.50167624593	5	9	-.3.57413865120	5	9	-.4.37413865120
6	9	-.10978202890	6	9	-.357044522770	6	9	-.1.55583844197	6	9	-.3.99297464227	6	9	-.7.92274534128
7	9	.411367321950	7	9	-.304515324550	7	9	-.4.38262034021	7	9	-.6.68827781203	7	9	-.7.9002534868
8	9	.553939600338	8	9	.843032605724	8	9	.844546126375	8	9	-.283231093383	8	9	-.4.51195353745
9	9	.498090103881	9	9	1.071618491749	9	9	1.8334367801642	9	9	2.320982949259	9	9	-.9n4205104225

TABLE 1 (continued)

$x$	$m$	$\gamma_{11}(r,m)$	$x$	$m$	$\gamma_{12}(r,m)$	$x$	$m$	$\gamma_{13}(r,m)$	$x$	$m$	$\gamma_{14}(r,m)$	$x$	$m$	$\gamma_{15}(r,m)$
1	1	.000470184440	1	1	.00001672729112	1	1	-.000027463807	1	1	-.000283468655	1	1	-.000283468655
1	2	-.004972468941	1	2	.012281471347	1	2	.034263249392	1	2	.051522179298	1	2	.044245777323
2	2	.005442653381	2	2	-.01211419435	2	2	-.034289713199	2	2	-.05173388561	2	2	-.045529745978
1	3	-.172117725056	1	3	-.158228544040	1	3	.006137160656	1	3	.418926603563	1	3	1.134802733348
2	3	.035138322840	2	3	-.189295402090	2	3	-.389580406168	2	3	.76268802145	2	3	-.944289793547
3	3	.137249524106	3	3	.278655159042	3	3	.383430416156	3	3	.307143989320	3	3	-.1907196408456
1	4	-.688529001784	1	4	-.1.17176137502	1	4	-.40573886637	1	4	-.53350579167	1	4	2.771811721673
2	4	.226511275189	2	4	-.331485282674	2	4	-.1.61940953495	2	4	-.8370242535	2	4	-6.65570527798
3	4	.68056532843	3	4	1.18402284370	3	4	1.44000115761	3	4	1.44000115761	3	4	-2.73565694435
4	4	-.222268621808	4	4	3.19371084239	4	4	1.585119821753	4	4	3.785342036792	4	4	6.55571602002
1	5	-.1.36809231760	1	5	-.3.41224601178	1	5	-.6.25896633633	1	5	-.8.37388931590	1	5	-.4.7111549539
2	5	.885164199210	2	6	-.3003252589110	2	5	-.9.94289518825	2	5	-.11.8895127433	2	5	-.25.411117668
3	5	1.899491631717	3	5	3.283764077152	3	5	3.98370441539	3	5	10.02501205955	3	5	-.10.3035191613
4	5	.257808881789	4	5	2.227581213888	4	5	6.233832708795	4	5	12.50033732095	4	5	18.7855024625
5	5	-1.67410221068	5	5	-.1.79760673724	5	5	-.157060458135	5	5	6.470001458135	5	5	22.0695772867
1	6	-.1.70291378171	1	6	-.6.44889565691	1	6	-.15.6406658832	1	6	-.29.3438877637	1	6	-.40.376649882
2	6	.420637414169	2	6	-.7.14134154255	2	6	-.7.64857809037	2	6	-.26.4227803923	2	6	-.67.3346681310
3	6	4.083440404102	3	6	7.3207505624605	3	6	9.41594505048835	3	6	3.694473528860	3	6	-.26.4652675719
4	6	1.530796019208	4	6	6.288667112873	4	6	15.646680304590	4	6	29.76261436729	4	6	41.51166772159
5	6	-.2.3854909133	5	6	6.258983049750	5	6	6.25.50033732111	5	6	12.50033732095	5	6	18.7855024625
6	6	-.3.94619078000	6	6	-.7.04211466556	6	6	-.9.03251466877	6	6	5.470001458135	6	6	22.0695772867
1	7	-.1.03999137655	1	7	-.9.11822636466	1	7	-.28.8237884006	1	7	-.67.5665740006	1	7	-.125.720984436
2	7	.525040852722	2	7	3.8653343988922	2	7	-.7.93244823086	2	7	-.46.6583972714	2	7	-.142.286127996
3	7	7.50198973766	3	7	14.16272335406	3	7	19.7613912749	3	7	11.07921473540	3	7	-.49.2205708256
4	7	3.79820149942	4	7	13.212340373739	4	7	31.80393937333	4	7	59.5103937333	4	7	81.66303733746
5	7	-.2.52813961648	5	7	2.424944659302	5	7	19.55830129789	5	7	62.39753130196	5	7	148.3459416373
6	7	-.6.79284511032	6	7	-.9.74492190898	6	7	-.6.61956733212	6	7	18.34583838422	6	7	103.791134528
7	7	-.6.19560768804	7	7	-.14.703102333	7	7	-.27.74357589	7	7	38.0467753888	7	7	-.16.5762509474
1	8	1.23355331601	1	8	-.9.861035354137	1	8	-.43.3477314008	1	8	-.122.97301395	1	8	-.277.407598987
2	8	9.75964805996	2	8	10.27812954893	2	8	-.5.07278846759	2	8	-.68.912278000	2	8	-.251.606470378
3	8	12.3777168746	3	8	24.70221759259	3	8	37.52961399098	3	8	28.5896892298	3	8	-.73.3373610440
4	8	7.21506766554	4	8	8.683272166349	5	8	41.9419925447	5	8	108.6640423912	4	8	149.7786850078
5	8	-.1.92918331789	5	8	-.10.6096148316	6	8	3.45337893636	6	8	122.38191815	5	8	280.1793716182
6	8	-.9.53253353081	6	8	-.23.5181747462	7	8	-.36.0856120752	7	8	-.27.9446681645	7	8	70.61379509969
7	8	-.11.6971351546	7	8	-.23.3621802769	8	8	-.55.3234270252	8	8	-.104.87070057	8	8	-.143.221508976
8	8	-.7.43633628735	8	8	-.23.3621802769	9	9	-.55.499253150	9	9	-.191.123550311	9	9	-.502.729941400
1	9	5.66133921339	1	9	-.6.93253135359	2	9	5.26138092630	2	9	-.86.7667135421	2	9	-.391.1233901371
2	9	16.22062794904	2	9	21.17803065405	3	9	65.51784397270	3	9	63.09668212667	3	9	-.87.5080860071
3	9	18.87378029227	3	9	39.78710747741	4	9	93.2273107073	4	9	182.58617857	4	9	260.6196913594
4	9	11.87717263746	4	9	38.3108194894	5	9	75.4229079870	5	9	212.019734563	5	9	478.988475132
5	9	-.48737791607	5	9	18.44744157255	5	9	23.2533244098	6	9	141.7971624197	6	9	468.1879356521
6	9	-.11.9533082436	6	9	-.9.0160003573	7	9	-.31.47651666803	7	9	8.96103988790	7	9	243.245054744
7	9	-.17.7106243213	7	9	-.31.47651666803	8	9	-.39.745715667	8	9	-.15.97741596	8	9	-.88.8090359362
8	9	-.15.699118346	8	9	-.30.4968722826	9	9	-.88.3877380375	9	9	-.204.587398617	9	9	-.380.870664053

## SUPPLEMENT

TABLE 1 (continued)

$x$	$m$	$\gamma_{16}$ (r,m)	$x$	$m$	$\gamma_{17}$ (r,m)	$x$	$m$	$\gamma_{18}$ (r,m)	$x$	$m$	$\gamma_{19}$ (r,m)	$x$	$m$	$\gamma_{20}$ (r,m)
1	1	-0.00199996858	1	1	.000026277037	1	1	.000307368408	1	1	.000503605453	1	1	.00046343562
1	2	.004449874400	1	2	-.096180724564	1	2	-.249658296862	1	2	-.404603661751	1	2	-.428623343578
2	2	-.004649671258	2	2	.096207001601	2	2	.249656565270	2	2	.405107257204	2	2	-.429093687139
1	3	2.027626669682	1	3	2.534221419615	1	3	1.2771393132848	1	3	4.297118589785	1	3	-17.783795752
2	3	-61.5749373982	2	3	1.011204307555	2	3	4.9331291750383	2	3	11.84568639208	2	3	20.5389539590
3	3	-1.11207679256	3	3	-3.54544445013	3	3	-6.21137811482	3	3	-7.547199768878	3	3	-2.75452947618
1	4	10.92403104638	1	4	25.8952111647	1	4	46.06129272078	1	4	57.2508035904	1	4	14.4118139517
2	4	-7.90551663500	2	4	-2.15590573785	2	4	22.43845757122	2	4	65.60007476840	2	4	209.837721064
3	4	-10.91958810720	3	4	-25.3913918410	3	4	-46.3109510176	3	4	-57.6226873522	3	4	-14.8405087387
4	4	7.9008669363745	4	4	2.25213739449	4	4	-22.1884919059	4	4	-85.1949675012	4	4	-209.406678419
1	5	16.89626887612	1	5	80.13397310595	1	5	220.1548917284	1	5	465.2641808714	1	5	750.1772407941
2	5	-41.4179649432	2	5	-42.7183962347	2	5	22.54634032954	2	5	275.8790814819	2	5	947.6359964155
3	5	-42.3974867488	3	5	-107.028816798	3	5	-20.198268501	3	5	-297.928565803	3	5	-166.890503535
4	5	15.50632035125	4	5	-22.4740353240	4	5	-14.9 389732807	4	5	-457.564047119	4	5	-1050.3007922
5	5	51.41266576975	5	5	92.08730152725	5	5	1.14.5270766193	5	5	14.34385417473	5	5	-478.55288113
1	6	-20.2052738495	1	6	110.3424336240	1	6	529.4277880367	1	6	1.561.218239155	1	6	3609.85215520
2	6	-135.731026202	2	6	-204.435305071	2	6	-14.4.686849064	2	6	444.7053688418	2	6	2555.01152362
3	6	-114.90553004	3	6	-315.885143727	3	6	-67.9 298567148	3	6	275.8790814819	3	6	947.6359964155
4	6	22.23296031921	4	6	-107.808182204	4	6	-52.8.150384304	4	6	-1565.51542515	4	6	-3627.63819510
5	6	135.1182768279	5	6	205.4465093785	5	6	149.6211408142	5	6	-432.859662250	5	6	-2535.47171637
6	6	113.4964762114	6	6	312.3396342769	6	6	673.0872080329	6	6	1121.215163779	6	6	1072.05136421
1	7	-166.4953191616	1	7	-32.8516127388	1	7	744.4414849071	1	7	331.068182	1	7	997.313035806
2	7	-33.55216367	2	7	-623.3988033319	2	7	-810.280933334	2	7	-575.46036080	2	7	4571.286789308
3	7	-247.218188051	3	7	-745.676685925	3	7	-17.66.02727767	3	7	-3344.59988192	3	7	-4343.5369052
4	7	29.16517301746	4	7	-296.9838393922	4	7	-1375.35074745	4	7	-1149.98762558	4	7	-9982.10607112
5	7	279.4839175053	5	7	371.1264249304	5	7	-53.4.120891526	5	7	-1869.09778705	5	7	-8042.41109236
6	7	317.6063263786	6	7	753.372544649	6	7	1425.535755126	6	7	1865.74475989	6	7	-79.541485848
7	7	121.016180360	7	7	573.925927880	7	7	1728.24028879	7	7	4122.75605091	7	7	789.02843815
8	8	-497.850213110	1	8	-580.183815984	1	8	335.2725405840	1	8	4895.156100787	1	8	1985.373364760
2	8	-675.25165195	2	8	-1470.62059958	2	8	-2494.99377748	2	8	7870.7777779	2	8	4890.244929758
3	8	-451.327951583	3	8	-1438.68685576	3	8	-3881.85006436	3	8	-9184.439419827	3	8	-13093.2277739
4	8	45.17464941094	4	8	-629.055609799	4	8	-295.9.40935866	4	8	-9269.0343733	4	8	-23394.4013517
5	8	508.7842441562	5	8	606.080271007	5	8	-289.211247863	5	8	-4837.89801710	5	8	-19339.3517662
6	8	667.3461383206	6	8	1468.464692846	6	8	251.7439235056	6	8	2384.387146775	6	8	-4660.4015765
7	8	440.4083765106	7	8	1472.665463915	7	8	3835.5329113340	7	8	8153.672855779	7	8	13078.38726517
8	8	-37.22737824472	8	8	631.3077235382	8	8	2937.220566756	8	8	9.184.439419827	8	8	23184.9267323
1	9	-1082.95358818	1	9	-180.75866716	1	9	-150.6.43364715	1	9	4490.1930009227	1	9	30612.23133312
2	9	-1189.2582350	2	9	-2925.47731057	2	9	-587.0.51553085	2	9	-932.9.9493574	2	9	-893.74491678
3	9	-726.995658820	3	9	-2668.11258330	3	9	-751.0.2503129	3	9	-1745.8.7462453	3	9	-32285.1024927
4	9	90.1571696638	4	9	-1126.22213632	4	9	-5569.12555166	4	9	-1827.300004	4	9	-48535.6146470
5	9	856.423140942	5	9	943.282158158	5	9	-984.969880104	5	9	-2289.147664592	5	9	-41765.3397218
6	9	1206.77086425	6	9	2539.194083292	6	9	4009.078664592	6	9	2289.147664592	6	9	-15398.5570832
7	9	994.8240232861	7	9	2935.531074897	7	9	706.840502537	7	9	13712.81070744	7	9	17905.69633334
8	9	332.239310303	8	9	1983.20356726	8	9	6860.423702705	8	9	18803.0919525	8	9	42679.62668891
9	9	-481.187246398	9	9	125.3830504623	9	9	3494.961988586	9	9	15162.05028440	9	9	47680.905028440