

Coil Turns []	Output_Turns []	Time [ms]	NodeVoltage(IV1_load) [V]	NodeVoltage(IV2_load) [V]	BranchCurrent(VLoad1_Current) [A]	BranchCurrent(VLoad2_Current) [A]
10	1	0	0	0	0	0
10	1	0.02	2.104614702	-2.104654686	0.420922294	-0.420930937
10	1	0.04	1.95753269	-1.957624944	0.391506538	-0.391524989
10	1	0.06	1.905510943	-1.905595519	0.381102189	-0.381119104
10	1	0.08	1.880995756	-1.88107335	0.376199151	-0.37621467
10	1	0.1	1.858890418	-1.858963856	0.371778084	-0.371792771
10	1	0.12	-3.072682066	3.072695857	-0.614536413	0.614539171
10	1	0.14	-2.977968303	2.978090788	-0.595593661	0.595618158
10	1	0.16	-2.726088812	2.726205347	-0.545217762	0.545241069
10	1	0.18	-2.205900413	2.206014172	-0.441180083	0.441202834
10	1	0.2	-1.998138854	1.998235958	-0.399627771	0.399647192
10	1	0.22	2.667935569	-2.667931913	0.533587114	-0.533586383
10	1	0.24	2.16237819	-2.162490442	0.432475638	-0.432498088
10	1	0.26	1.982689049	-1.982784496	0.39653781	-0.396556899
10	1	0.28	1.914724498	-1.914811097	0.3829449	-0.382962219
10	1	0.3	1.886983079	-1.887062301	0.377396616	-0.37741246
10	1	0.32	-3.010613787	3.010623077	-0.602122757	0.602124615
10	1	0.34	-2.809085256	2.809207414	-0.561817051	0.561841483
10	1	0.36	-2.291586944	2.29170286	-0.458317389	0.458340572
10	1	0.38	-2.028772059	2.028872511	-0.405754412	0.405774502
10	1	0.4	-1.932770764	1.932859915	-0.386554153	0.386571983
10	1	0.42	2.850763785	-2.85076661	0.570152757	-0.570153322
10	1	0.44	2.352098572	-2.352216704	0.470419714	-0.470443341
10	1	0.46	2.047730729	-2.047833611	0.409546146	-0.409566722
10	1	0.48	1.941457265	-1.941547264	0.388291453	-0.388309453
10	1	0.5	1.899460365	-1.899543126	0.379892073	-0.379908625
10	1	0.52	-2.967532006	2.967539384	-0.593506401	0.593507877
10	1	0.54	-2.687021733	2.687143541	-0.537404347	0.537428708
10	1	0.56	-2.175746106	2.175858995	-0.435149221	0.435171799
10	1	0.58	-1.98732999	1.987425967	-0.397465998	0.397485193
10	1	0.6	-1.916445227	1.916532132	-0.383289045	0.383306426
10	1	0.62	2.904936352	-2.904941224	0.58098727	-0.580988245
10	1	0.64	2.486308131	-2.486427369	0.497261626	-0.497285474
10	1	0.66	2.076173407	-2.076281097	0.415234681	-0.415256219
10	1	0.68	1.956803764	-1.956895465	0.391360753	-0.391379093
10	1	0.7	1.905248505	-1.905332952	0.381049701	-0.381066659
10	1	0.72	-2.944637437	2.944643951	-0.588927487	0.58892879
10	1	0.74	-2.621001832	2.621122956	-0.524200366	0.524224591
10	1	0.76	-2.133428292	2.133539222	-0.426685658	0.426707844
10	1	0.78	-1.973294353	1.973388755	-0.394658871	0.394677751
10	1	0.8	-1.911283286	1.911369255	-0.382256657	0.382273851
10	1	0.82	2.923290277	-2.923295745	0.584658055	-0.584659149
10	1	0.84	2.554123253	-2.554243195	0.510824651	-0.510848639
10	1	0.86	2.098651529	-2.098760804	0.419730306	-0.419752161
10	1	0.88	1.963428038	-1.963521041	0.392685608	-0.392704208
10	1	0.9	1.907671218	-1.90775637	0.381534244	-0.381551274
10	1	0.92	-2.936047937	2.936053909	-0.587209587	0.587210782
10	1	0.94	-2.595188583	2.595309271	-0.519037717	0.519061854
10	1	0.96	-2.119094587	2.119204816	-0.423818917	0.423840963
10	1	0.98	-1.969019402	1.969113246	-0.39380388	0.393822649
10	1	1	-1.909721259	1.909806899	-0.381944252	0.38196138
10	1	1.02	2.928867409	-2.928873068	0.585773482	-0.585774614
10	1	1.04	2.572598135	-2.572718425	0.514519627	-0.514543685
10	1	1.06	2.107466449	-2.107576111	0.42149329	-0.421515222
10	1	1.08	1.965771962	-1.965865346	0.393154392	-0.393173069
10	1	1.1	1.90852975	-1.908615118	0.38170595	-0.381723024
10	1	1.12	-2.933063219	2.933069046	-0.586612644	0.586613809
10	1	1.14	-2.585939351	2.586059879	-0.51718787	0.517211976
10	1	1.16	-2.114230121	2.114340111	-0.422846024	0.422868022
10	1	1.18	-1.967636463	1.967730116	-0.393527293	0.393546023
10	1	1.2	-1.909214221	1.909299748	-0.381842844	0.38185995
10	1	1.22	2.930660386	-2.930666113	0.586132077	-0.586133223
10	1	1.24	2.578351008	-2.578471402	0.515670202	-0.51569428
10	1	1.26	2.110345671	-2.110455471	0.422069134	-0.422091094
10	1	1.28	1.966557536	-1.966651037	0.393311507	-0.393330207
10	1	1.3	1.90881757	-1.908903006	0.381763514	-0.381780601
10	1	1.32	-2.932053144	2.932058929	-0.586410629	0.586411786
10	1	1.34	-2.582765764	2.582886237	-0.516553153	0.516577247
10	1	1.36	-2.112593783	2.112703693	-0.422518757	0.422540739
10	1	1.38	-1.967179232	1.967272821	-0.393435846	0.393454564
10	1	1.4	-1.909046073	1.909131562	-0.381809215	0.381826312
10	1	1.42	2.931251322	-2.931257073	0.586250264	-0.586251415
10	1	1.44	2.580229753	-2.580350181	0.516045951	-0.516070036
10	1	1.46	2.111298342	-2.111408188	0.422259668	-0.422281638
10	1	1.48	1.966820081	-1.966913619	0.393364016	-0.393382724
10	1	1.5	1.908913982	-1.908999441	0.381782796	-0.381799888

10	1	1.52	-2.931714772	2.931720543	-0.586342954	0.586344109
10	1	1.54	-2.581697398	2.581817852	-0.51633948	0.51636357
10	1	1.56	-2.11204672	2.112156602	-0.422409344	0.42243132
10	1	1.58	-1.96702726	1.967120827	-0.393405452	0.393424165
10	1	1.6	-1.908990158	1.909075635	-0.381798032	0.381815127
10	1	1.62	2.931447506	-2.931453265	0.586289501	-0.586290653
10	1	1.64	2.580851643	-2.580972082	0.516170329	-0.516194416
10	1	1.66	2.11161501	-2.111724871	0.422323002	-0.422344974
10	1	1.68	1.966907646	-1.967001196	0.393381529	-0.393400239
10	1	1.7	1.908946166	-1.909031632	0.381789233	-0.381806326
10	1	1.72	-2.931601838	2.931607603	-0.586320368	0.586321521
10	1	1.74	-2.581340226	2.581460673	-0.516268045	0.516292135
10	1	1.76	-2.111864256	2.11197413	-0.422372851	0.422394826
10	1	1.78	-1.966976671	1.967070231	-0.393395334	0.393414046
10	1	1.8	-1.908971548	1.90905702	-0.38179431	0.381811404
10	1	1.82	2.931512787	-2.931518549	0.586302557	-0.58630371
10	1	1.84	2.581058377	-2.58117882	0.516211675	-0.516235764
10	1	1.86	2.111720424	-2.111830291	0.422344085	-0.422366058
10	1	1.88	1.966936827	-1.967030382	0.393387365	-0.393406076
10	1	1.9	1.908956895	-1.909042364	0.381791379	-0.381808473
10	1	1.92	-2.931564192	2.931569957	-0.586312838	0.586313991
10	1	1.94	-2.581221101	2.581341546	-0.51624422	0.516268309
10	1	1.96	-2.111803448	2.111913319	-0.42236069	0.422382664
10	1	1.98	-1.966959822	1.96705338	-0.393391964	0.393410676
10	1	2	-1.908965352	1.909050822	-0.38179307	0.381810164
20	2	0	0	0	0	0
20	2	0.02	4.440306713	-4.44038948	0.888061343	-0.888077896
20	2	0.04	4.349412906	-4.349610694	0.869882581	-0.869922139
20	2	0.06	4.311167992	-4.311353631	0.862233598	-0.862270726
20	2	0.08	4.266781958	-4.266956678	0.853356392	-0.853391336
20	2	0.1	4.219446517	-4.219616057	0.843889303	-0.843923211
20	2	0.12	-5.703012889	5.703051023	-1.140602578	1.140610205
20	2	0.14	-5.629590822	5.629826321	-1.125918164	1.125965264
20	2	0.16	-5.51454086	5.514748148	-1.102908172	1.10294963
20	2	0.18	-4.923092189	4.923297209	-0.984618438	0.984659442
20	2	0.2	-4.370474691	4.370694061	-0.874094938	0.874138812
20	2	0.22	4.883852755	-4.883832278	0.976770551	-0.976766456
20	2	0.24	4.3740652	-4.374282556	0.87481304	-0.874856511
20	2	0.26	4.345269822	-4.345465962	0.869053964	-0.869093192
20	2	0.28	4.308587542	-4.308772121	0.861717508	-0.861754424
20	2	0.3	4.264411102	-4.264583116	0.85288222	-0.852916623
20	2	0.32	-5.654377016	5.654409791	-1.130875403	1.130881958
20	2	0.34	-5.56065225	5.560880185	-1.11213045	1.112176037
20	2	0.36	-5.254214742	5.254418669	-1.050842948	1.050883734
20	2	0.38	-4.490808034	4.491027147	-0.898161607	0.898205429
20	2	0.4	-4.356310955	4.356513379	-0.871262191	0.871302676
20	2	0.42	5.383975437	-5.383963582	1.076795087	-1.076792716
20	2	0.44	4.592965738	-4.593189101	0.918593148	-0.91863782
20	2	0.46	4.364467405	-4.36467383	0.872893481	-0.872934766
20	2	0.48	4.331009183	-4.331199602	0.866201837	-0.86623992
20	2	0.5	4.289217419	-4.289398469	0.857843484	-0.857879694
20	2	0.52	-5.621306767	5.621333059	-1.124261353	1.124266612
20	2	0.54	-5.492938246	5.493158598	-1.098587649	1.09863172
20	2	0.56	-4.81382194	4.814033614	-0.962764388	0.962806723
20	2	0.58	-4.37679365	4.377008578	-0.87535873	0.875401716
20	2	0.6	-4.343547307	4.343742253	-0.868709461	0.868748451
20	2	0.62	5.485799717	-5.485798914	1.097159943	-1.097159783
20	2	0.64	4.774858305	-4.775081079	0.954971661	-0.955016216
20	2	0.66	4.375741903	-4.375955382	0.875148381	-0.875191076
20	2	0.68	4.342046145	-4.342240492	0.868409229	-0.868448098
20	2	0.7	4.303209239	-4.303392781	0.860641848	-0.860678556
20	2	0.72	-5.599634334	5.59965602	-1.119926867	1.119931204
20	2	0.74	-5.425236226	5.425455262	-1.085047245	1.085091052
20	2	0.76	-4.650085923	4.650303268	-0.930017185	0.930060654
20	2	0.78	-4.368868763	4.369077574	-0.873773753	0.873815515
20	2	0.8	-4.335314816	4.335506497	-0.867062963	0.867101299
20	2	0.82	5.525579362	-5.525581979	1.105115872	-1.105116396
20	2	0.84	4.977419744	-4.977638316	0.995483949	-0.995527663
20	2	0.86	4.460389895	-4.460608131	0.892077979	-0.892121626
20	2	0.88	4.35103297	-4.351230259	0.870206594	-0.870246052
20	2	0.9	4.310474667	-4.310659745	0.862094933	-0.862131949
20	2	0.92	-5.586023844	5.58603865	-1.117204769	1.11720773
20	2	0.94	-5.371555184	5.371772206	-1.074311037	1.074354441
20	2	0.96	-4.582169874	4.58238882	-0.916433975	0.916477764
20	2	0.98	-4.363937461	4.364143484	-0.872787492	0.872828697
20	2	1	-4.330093837	4.33028404	-0.866018767	0.866056808
20	2	1.02	5.542521954	-5.542526891	1.108504391	-1.108505378
20	2	1.04	5.12299258	-5.123210364	1.024598516	-1.024642073

20	2	1.06	4.420598245	-4.420816468	0.884119649	-0.884163294
20	2	1.08	4.350573106	-4.350772721	0.870114621	-0.870154544
20	2	1.1	4.315305187	-4.315492349	0.863061037	-0.86309847
20	2	1.12	-5.577558086	5.577570537	-1.115511617	1.115514107
20	2	1.14	-5.329441997	5.329659801	-1.065888399	1.06593196
20	2	1.16	-4.543212901	4.543432837	-0.90864258	0.908686567
20	2	1.18	-4.360732529	4.36093707	-0.872146506	0.872187414
20	2	1.2	-4.326585472	4.326774846	-0.865317094	0.865354969
20	2	1.22	5.552071133	-5.552077899	1.110414227	-1.11041558
20	2	1.24	5.186708731	-5.186926859	1.037341746	-1.037385372
20	2	1.26	4.45310352	-4.453322838	0.890620704	-0.890664568
20	2	1.28	4.353125287	-4.353326105	0.870625057	-0.870665221
20	2	1.3	4.317963864	-4.318151376	0.863592773	-0.863630275
20	2	1.32	-5.572092076	5.572103123	-1.114418415	1.114420625
20	2	1.34	-5.301953635	5.302171577	-1.060390727	1.060434315
20	2	1.36	-4.522121906	4.522342064	-0.904424381	0.904468413
20	2	1.38	-4.358942543	4.359146282	-0.871788509	0.871829256
20	2	1.4	-4.324585713	4.324774558	-0.864917143	0.864954912
20	2	1.42	5.557104875	-5.557112686	1.111420975	-1.111422537
20	2	1.44	5.217742514	-5.217960637	1.043548503	-1.043592127
20	2	1.46	4.469700009	-4.469919833	0.893940002	-0.893983967
20	2	1.48	4.354498884	-4.354700394	0.870899777	-0.870940079
20	2	1.5	4.319506241	-4.319693997	0.863901248	-0.863938799
20	2	1.52	-5.568795976	5.568806276	-1.113759195	1.113761255
20	2	1.54	-5.284462118	5.284680144	-1.056892424	1.056936029
20	2	1.56	-4.509991424	4.510211606	-0.901998285	0.902042321
20	2	1.58	-4.357908453	4.358111695	-0.871581691	0.871622339
20	2	1.6	-4.323415577	4.323604126	-0.864683115	0.864720825
20	2	1.62	5.559932281	-5.559940659	1.111986456	-1.111988132
20	2	1.64	5.234540089	-5.234758212	1.046908018	-1.046951642
20	2	1.66	4.47914884	-4.479368824	0.895829768	-0.895873765
20	2	1.68	4.355293955	-4.35549587	0.871058791	-0.871099174
20	2	1.7	4.320413053	-4.32060097	0.864082611	-0.864120194
20	2	1.72	-5.566810181	5.566820033	-1.113362036	1.113364007
20	2	1.74	-5.27363021	5.273848265	-1.054726042	1.054769653
20	2	1.76	-4.50287905	4.503099226	-0.90057581	0.900619845
20	2	1.78	-4.357304261	4.357507197	-0.871460852	0.871501439
20	2	1.8	-4.322723965	4.322912354	-0.864544793	0.864582471
20	2	1.82	5.561562248	-5.561570958	1.11231245	-1.112314192
20	2	1.84	5.244027279	-5.244245389	1.048805456	-1.048849078
20	2	1.86	4.484666343	-4.4848864	0.896933269	-0.89697728
20	2	1.88	4.355760385	-4.355962536	0.871152077	-0.871192507
20	2	1.9	4.320947964	-4.321135982	0.864189593	-0.864227196
20	2	1.92	-5.565620579	5.565630165	-1.113124116	1.113126033
20	2	1.94	-5.267043663	5.26726173	-1.053408733	1.053452346
20	2	1.96	-4.498681809	4.498901975	-0.899736362	0.899780395
20	2	1.98	-4.356948021	4.357150775	-0.871389604	0.871430155
20	2	2	-4.322314669	4.322502966	-0.864462934	0.864500593
20	10	0	0	0	0	0
20	10	0.02	4.440306713	-4.44038948	0.888061343	-0.888077896
20	10	0.04	4.349412906	-4.349610693	0.869882581	-0.869922139
20	10	0.06	4.311167992	-4.311353631	0.862233598	-0.862270726
20	10	0.08	4.266781958	-4.266956678	0.853356392	-0.853391336
20	10	0.1	4.219446517	-4.219616058	0.843889303	-0.843923212
20	10	0.12	-5.703012889	5.703051023	-1.140602578	1.140610205
20	10	0.14	-5.629590822	5.62982632	-1.125918164	1.125965264
20	10	0.16	-5.51454086	5.514748148	-1.102908172	1.10294963
20	10	0.18	-4.923092189	4.923297209	-0.984618438	0.984659442
20	10	0.2	-4.370474691	4.370694061	-0.874094938	0.874138812
20	10	0.22	4.883852755	-4.883832278	0.976770551	-0.976766456
20	10	0.24	4.374065199	-4.374282556	0.87481304	-0.874856511
20	10	0.26	4.345269823	-4.345465962	0.869053965	-0.869093192
20	10	0.28	4.308587542	-4.308772121	0.861717508	-0.861754424
20	10	0.3	4.264411102	-4.264583116	0.85288222	-0.852916623
20	10	0.32	-5.654377016	5.65440979	-1.130875403	1.130881958
20	10	0.34	-5.56065225	5.560880185	-1.11213045	1.112176037
20	10	0.36	-5.254214742	5.254418669	-1.050842948	1.050883734
20	10	0.38	-4.490808034	4.491027147	-0.898161607	0.898205429
20	10	0.4	-4.356310955	4.356513379	-0.871262191	0.871302676
20	10	0.42	5.383975437	-5.383963582	1.076795087	-1.076792716
20	10	0.44	4.592965738	-4.593189101	0.918593148	-0.91863782
20	10	0.46	4.364467405	-4.36467383	0.872893481	-0.872934766
20	10	0.48	4.331009184	-4.331199603	0.866201837	-0.866239921
20	10	0.5	4.289217419	-4.289398469	0.857843484	-0.857879694
20	10	0.52	-5.621306767	5.621333059	-1.124261353	1.124266612
20	10	0.54	-5.492938246	5.493158598	-1.098587649	1.09863172
20	10	0.56	-4.81382194	4.814033614	-0.962764388	0.962806723
20	10	0.58	-4.37679365	4.377008578	-0.87535873	0.875401716

20	10	0.6	-4.343547307	4.343742253	-0.868709461	0.868748451
20	10	0.62	5.485799717	-5.485798914	1.097159943	-1.097159783
20	10	0.64	4.774858305	-4.775081079	0.954971661	-0.955016216
20	10	0.66	4.375741903	-4.375955382	0.875148381	-0.875191076
20	10	0.68	4.342046145	-4.342240492	0.868409229	-0.868448098
20	10	0.7	4.303209239	-4.303392781	0.860641848	-0.860678556
20	10	0.72	-5.599634334	5.59965602	-1.119926867	1.119931204
20	10	0.74	-5.425236226	5.425455262	-1.085047245	1.085091052
20	10	0.76	-4.650085923	4.650303268	-0.930017185	0.930060654
20	10	0.78	-4.368868763	4.369077574	-0.873773753	0.873815515
20	10	0.8	-4.335314816	4.335506497	-0.867062963	0.867101299
20	10	0.82	5.525579362	-5.525581979	1.105115872	-1.105116396
20	10	0.84	4.977419744	-4.977638316	0.995483949	-0.995527663
20	10	0.86	4.460389895	-4.460608131	0.892077979	-0.892121626
20	10	0.88	4.35103297	-4.35123026	0.870206594	-0.870246052
20	10	0.9	4.310474667	-4.310659745	0.862094933	-0.862131949
20	10	0.92	-5.586023845	5.58603865	-1.117204769	1.11720773
20	10	0.94	-5.371555184	5.371772206	-1.074311037	1.074354441
20	10	0.96	-4.582169874	4.58238882	-0.916433975	0.916477764
20	10	0.98	-4.363937461	4.364143484	-0.872787492	0.872828697
20	10	1	-4.330093838	4.33028404	-0.866018768	0.866056808
20	10	1.02	5.542521954	-5.542526891	1.108504391	-1.108505378
20	10	1.04	5.12299258	-5.123210364	1.024598516	-1.024642073
20	10	1.06	4.420598245	-4.420816468	0.884119649	-0.884163294
20	10	1.08	4.350573106	-4.350772721	0.870114621	-0.870154544
20	10	1.1	4.315305187	-4.315492349	0.863061037	-0.86309847
20	10	1.12	-5.577558086	5.577570537	-1.115511617	1.115514107
20	10	1.14	-5.329441997	5.329659801	-1.065888399	1.06593196
20	10	1.16	-4.543212901	4.543432837	-0.90864258	0.908686567
20	10	1.18	-4.360732529	4.36093707	-0.872146506	0.872187414
20	10	1.2	-4.326585472	4.326774846	-0.865317094	0.865354969
20	10	1.22	5.552071133	-5.552077899	1.110414227	-1.11041558
20	10	1.24	5.186708731	-5.186926859	1.037341746	-1.037385372
20	10	1.26	4.45310352	-4.453322838	0.890620704	-0.890664568
20	10	1.28	4.353125287	-4.353326105	0.870625057	-0.870665221
20	10	1.3	4.317963864	-4.318151377	0.863592773	-0.863630275
20	10	1.32	-5.572092076	5.572103123	-1.114418415	1.114420625
20	10	1.34	-5.301953635	5.302171577	-1.060390727	1.060434315
20	10	1.36	-4.522121906	4.522342064	-0.904424381	0.904468413
20	10	1.38	-4.358942543	4.359146282	-0.871788509	0.871829256
20	10	1.4	-4.324585713	4.324774558	-0.864917143	0.864954912
20	10	1.42	5.557104875	-5.557112686	1.111420975	-1.111422537
20	10	1.44	5.217742514	-5.217960637	1.043548503	-1.043592127
20	10	1.46	4.469700009	-4.469919833	0.893940002	-0.893983967
20	10	1.48	4.354498884	-4.354700394	0.870899777	-0.870940079
20	10	1.5	4.319506241	-4.319693997	0.863901248	-0.863938799
20	10	1.52	-5.568795976	5.568806276	-1.113759195	1.113761255
20	10	1.54	-5.284462118	5.284680144	-1.056892424	1.056936029
20	10	1.56	-4.509991424	4.510211606	-0.901998285	0.902042321
20	10	1.58	-4.357908453	4.358111695	-0.871581691	0.871622339
20	10	1.6	-4.323415577	4.323604126	-0.864683115	0.864720825
20	10	1.62	5.559932281	-5.559940659	1.111986456	-1.111988132
20	10	1.64	5.234540089	-5.234758212	1.046908018	-1.046951642
20	10	1.66	4.47914884	-4.479368824	0.895829768	-0.895873765
20	10	1.68	4.355293955	-4.35549587	0.871058791	-0.871099174
20	10	1.7	4.320413053	-4.32060097	0.864082611	-0.864120194
20	10	1.72	-5.566810181	5.566820033	-1.113362036	1.113364007
20	10	1.74	-5.27363021	5.273848265	-1.054726042	1.054769653
20	10	1.76	-4.50287905	4.503099226	-0.90057581	0.900619845
20	10	1.78	-4.357304261	4.357507197	-0.871460852	0.871501439
20	10	1.8	-4.322723965	4.322912354	-0.864544793	0.864582471
20	10	1.82	5.561562248	-5.561570958	1.11231245	-1.112314192
20	10	1.84	5.244027279	-5.244245389	1.048805456	-1.048849078
20	10	1.86	4.484666343	-4.4848864	0.896933269	-0.89697728
20	10	1.88	4.355760385	-4.355962536	0.871152077	-0.871192507
20	10	1.9	4.320947964	-4.321135982	0.864189593	-0.864227196
20	10	1.92	-5.565620579	5.565630165	-1.113124116	1.113126033
20	10	1.94	-5.267043663	5.26726173	-1.053408733	1.053452346
20	10	1.96	-4.498681809	4.498901975	-0.899736362	0.899780395
20	10	1.98	-4.356948021	4.357150775	-0.871389604	0.871430155
20	10	2	-4.322314669	4.322502966	-0.864462934	0.864500593
20	20	0	0	0	0	0
20	20	0.02	4.440306713	-4.44038948	0.888061343	-0.888077896
20	20	0.04	4.349412906	-4.349610694	0.869882581	-0.869922139
20	20	0.06	4.311167992	-4.311353631	0.862233598	-0.862270726
20	20	0.08	4.266781958	-4.266956678	0.853356392	-0.853391336
20	20	0.1	4.219446517	-4.219616058	0.843889303	-0.843923212
20	20	0.12	-5.703012889	5.703051023	-1.140602578	1.140610205

20	20	0.14	-5.629590822	5.629826321	-1.125918164	1.125965264
20	20	0.16	-5.514540861	5.514748149	-1.102908172	1.10294963
20	20	0.18	-4.923092189	4.923297209	-0.984618438	0.984659442
20	20	0.2	-4.370474691	4.370694061	-0.874094938	0.874138812
20	20	0.22	4.883852755	-4.883832278	0.976770551	-0.976766456
20	20	0.24	4.3740652	-4.374282556	0.87481304	-0.874856511
20	20	0.26	4.345269822	-4.345465962	0.869053964	-0.869093192
20	20	0.28	4.308587541	-4.308772121	0.861717508	-0.861754424
20	20	0.3	4.264411102	-4.264583116	0.85288222	-0.852916623
20	20	0.32	-5.654377016	5.654409791	-1.130875403	1.130881958
20	20	0.34	-5.56065225	5.560880185	-1.11213045	1.112176037
20	20	0.36	-5.254214742	5.254418669	-1.050842948	1.050883734
20	20	0.38	-4.490808034	4.491027147	-0.898161607	0.898205429
20	20	0.4	-4.356310955	4.356513379	-0.871262191	0.871302676
20	20	0.42	5.383975437	-5.383963582	1.076795087	-1.076792716
20	20	0.44	4.592965738	-4.593189101	0.918593148	-0.91863782
20	20	0.46	4.364467405	-4.36467383	0.872893481	-0.872934766
20	20	0.48	4.331009184	-4.331199603	0.866201837	-0.866239921
20	20	0.5	4.289217419	-4.289398469	0.857843484	-0.857879694
20	20	0.52	-5.621306767	5.621333059	-1.124261353	1.124266612
20	20	0.54	-5.492938246	5.493158598	-1.098587649	1.09863172
20	20	0.56	-4.81382194	4.814033614	-0.962764388	0.962806723
20	20	0.58	-4.37679365	4.377008578	-0.87535873	0.875401716
20	20	0.6	-4.343547307	4.343742253	-0.868709461	0.868748451
20	20	0.62	5.485799717	-5.485798914	1.097159943	-1.097159783
20	20	0.64	4.774858305	-4.775081079	0.954971661	-0.955016216
20	20	0.66	4.375741903	-4.375955382	0.875148381	-0.875191076
20	20	0.68	4.342046145	-4.342240492	0.868409229	-0.868448098
20	20	0.7	4.303209239	-4.303392781	0.860641848	-0.860678556
20	20	0.72	-5.599634334	5.59965602	-1.119926867	1.119931204
20	20	0.74	-5.425236226	5.425455262	-1.085047245	1.085091052
20	20	0.76	-4.650085923	4.650303268	-0.930017185	0.930060654
20	20	0.78	-4.368868763	4.369077574	-0.873773753	0.873815515
20	20	0.8	-4.335314816	4.335506497	-0.867062963	0.867101299
20	20	0.82	5.525579362	-5.525581979	1.105115872	-1.105116396
20	20	0.84	4.977419744	-4.977638316	0.995483949	-0.995527663
20	20	0.86	4.460389895	-4.460608131	0.892077979	-0.892121626
20	20	0.88	4.35103297	-4.351230259	0.870206594	-0.870246052
20	20	0.9	4.310474667	-4.310659746	0.862094933	-0.862131949
20	20	0.92	-5.586023844	5.58603865	-1.117204769	1.11720773
20	20	0.94	-5.371555184	5.371772206	-1.074311037	1.074354441
20	20	0.96	-4.582169874	4.58238882	-0.916433975	0.916477764
20	20	0.98	-4.363937461	4.364143484	-0.872787492	0.872828697
20	20	1	-4.330093837	4.33028404	-0.866018767	0.866056808
20	20	1.02	5.542521954	-5.542526891	1.108504391	-1.108505378
20	20	1.04	5.12299258	-5.123210364	1.024598516	-1.024642073
20	20	1.06	4.420598245	-4.420816468	0.884119649	-0.884163294
20	20	1.08	4.350573106	-4.350772721	0.870114621	-0.870154544
20	20	1.1	4.315305187	-4.315492349	0.863061037	-0.86309847
20	20	1.12	-5.577558086	5.577570537	-1.115511617	1.115514107
20	20	1.14	-5.329441997	5.329659801	-1.065888399	1.06593196
20	20	1.16	-4.543212901	4.543432837	-0.90864258	0.908686567
20	20	1.18	-4.360732529	4.36093707	-0.872146506	0.872187414
20	20	1.2	-4.326585472	4.326774847	-0.865317094	0.865354969
20	20	1.22	5.552071133	-5.552077899	1.110414227	-1.11041558
20	20	1.24	5.186708731	-5.186926859	1.037341746	-1.037385372
20	20	1.26	4.45310352	-4.453322838	0.890620704	-0.890664568
20	20	1.28	4.353125287	-4.353326105	0.870625057	-0.870665221
20	20	1.3	4.317963864	-4.318151377	0.863592773	-0.863630275
20	20	1.32	-5.572092076	5.572103123	-1.114418415	1.114420625
20	20	1.34	-5.301953635	5.302171577	-1.060390727	1.060434315
20	20	1.36	-4.522121906	4.522342064	-0.904424381	0.904468413
20	20	1.38	-4.358942542	4.359146282	-0.871788508	0.871829256
20	20	1.4	-4.324585713	4.324774558	-0.864917143	0.864954912
20	20	1.42	5.557104875	-5.557112686	1.111420975	-1.111422537
20	20	1.44	5.217742514	-5.217960637	1.043548503	-1.043592127
20	20	1.46	4.469700009	-4.469919833	0.893940002	-0.893983967
20	20	1.48	4.354498885	-4.354700394	0.870899777	-0.870940079
20	20	1.5	4.31950624	-4.319693997	0.863901248	-0.863938799
20	20	1.52	-5.568795976	5.568806276	-1.113759195	1.113761255
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20	20	1.56	-4.509991424	4.510211606	-0.901998285	0.902042321
20	20	1.58	-4.357908453	4.358111696	-0.871581691	0.871622339
20	20	1.6	-4.323415577	4.323604126	-0.864683115	0.864720825
20	20	1.62	5.559932281	-5.559940659	1.111986456	-1.111988132
20	20	1.64	5.234540089	-5.234758212	1.046908018	-1.046951642
20	20	1.66	4.47914884	-4.479368824	0.895829768	-0.895873765
20	20	1.68	4.355293955	-4.35549587	0.871058791	-0.871099174

20	20	1.7	4.320413053	-4.32060097	0.864082611	-0.864120194
20	20	1.72	-5.566810181	5.566820033	-1.113362036	1.113364007
20	20	1.74	-5.27363021	5.273848265	-1.054726042	1.054769653
20	20	1.76	-4.50287905	4.503099226	-0.90057581	0.900619845
20	20	1.78	-4.357304261	4.357507197	-0.871460852	0.871501439
20	20	1.8	-4.322723965	4.322912354	-0.864544793	0.864582471
20	20	1.82	5.561562248	-5.561570958	1.11231245	-1.112314192
20	20	1.84	5.244027279	-5.244245389	1.048805456	-1.048849078
20	20	1.86	4.484666343	-4.4848864	0.896933269	-0.89697728
20	20	1.88	4.355760385	-4.355962536	0.871152077	-0.871192507
20	20	1.9	4.320947964	-4.321135982	0.864189593	-0.864227196
20	20	1.92	-5.565620579	5.565630165	-1.113124116	1.113126033
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20	20	1.96	-4.498681809	4.498901975	-0.899736362	0.899780395
20	20	1.98	-4.356948021	4.357150775	-0.871389604	0.871430155
20	20	2	-4.322314669	4.322502967	-0.864462934	0.864500593
20	40	0	0	0	0	0
20	40	0.02	4.440306713	-4.440389479	0.888061343	-0.888077896
20	40	0.04	4.349412906	-4.349610694	0.869882581	-0.869922139
20	40	0.06	4.311167992	-4.311353631	0.862233598	-0.862270726
20	40	0.08	4.266781958	-4.266956679	0.853356392	-0.853391336
20	40	0.1	4.219446517	-4.219616058	0.843889303	-0.843923212
20	40	0.12	-5.70301289	5.703051023	-1.140602578	1.140610205
20	40	0.14	-5.629590822	5.629826321	-1.125918164	1.125965264
20	40	0.16	-5.51454086	5.514748148	-1.102908172	1.10294963
20	40	0.18	-4.923092189	4.923297209	-0.984618438	0.984659442
20	40	0.2	-4.370474691	4.370694061	-0.874094938	0.874138812
20	40	0.22	4.883852755	-4.883832278	0.976770551	-0.976766456
20	40	0.24	4.3740652	-4.374282556	0.87481304	-0.874856511
20	40	0.26	4.345269822	-4.345465962	0.869053964	-0.869093192
20	40	0.28	4.308587541	-4.308772121	0.861717508	-0.861754424
20	40	0.3	4.264411102	-4.264583116	0.85288222	-0.852916623
20	40	0.32	-5.654377016	5.65440979	-1.130875403	1.130881958
20	40	0.34	-5.56065225	5.560880185	-1.11213045	1.112176037
20	40	0.36	-5.254214742	5.254418669	-1.050842948	1.050883734
20	40	0.38	-4.490808034	4.491027147	-0.898161607	0.898205429
20	40	0.4	-4.356310955	4.356513379	-0.871262191	0.871302676
20	40	0.42	5.383975437	-5.383963582	1.076795087	-1.076792716
20	40	0.44	4.592965738	-4.593189101	0.918593148	-0.91863782
20	40	0.46	4.364467405	-4.36467383	0.872893481	-0.872934766
20	40	0.48	4.331009184	-4.331199603	0.866201837	-0.866239921
20	40	0.5	4.289217419	-4.289398469	0.857843484	-0.857879694
20	40	0.52	-5.621306767	5.621333059	-1.124261353	1.124266612
20	40	0.54	-5.492938246	5.493158598	-1.098587649	1.09863172
20	40	0.56	-4.81382194	4.814033614	-0.962764388	0.962806723
20	40	0.58	-4.37679365	4.377008578	-0.87535873	0.875401716
20	40	0.6	-4.343547307	4.343742252	-0.868709461	0.86874845
20	40	0.62	5.485799717	-5.485798914	1.097159943	-1.097159783
20	40	0.64	4.774858305	-4.775081079	0.954971661	-0.955016216
20	40	0.66	4.375741903	-4.375955382	0.875148381	-0.875191076
20	40	0.68	4.342046145	-4.342240492	0.868409229	-0.868448098
20	40	0.7	4.303209239	-4.303392781	0.860641848	-0.860678556
20	40	0.72	-5.599634334	5.59965602	-1.119926867	1.119931204
20	40	0.74	-5.425236226	5.425455262	-1.085047245	1.085091052
20	40	0.76	-4.650085923	4.650303268	-0.930017185	0.930060654
20	40	0.78	-4.368868763	4.369077574	-0.873773753	0.873815515
20	40	0.8	-4.335314816	4.335506497	-0.867062963	0.867101299
20	40	0.82	5.525579362	-5.525581979	1.105115872	-1.105116396
20	40	0.84	4.977419744	-4.977638316	0.995483949	-0.995527663
20	40	0.86	4.460389895	-4.460608131	0.892077979	-0.892121626
20	40	0.88	4.35103297	-4.351230259	0.870206594	-0.870246052
20	40	0.9	4.310474667	-4.310659745	0.862094933	-0.862131949
20	40	0.92	-5.586023844	5.58603865	-1.117204769	1.11720773
20	40	0.94	-5.371555184	5.371772206	-1.074311037	1.074354441
20	40	0.96	-4.582169874	4.58238882	-0.916433975	0.916477764
20	40	0.98	-4.363937461	4.364143484	-0.872787492	0.872828697
20	40	1	-4.330093837	4.33028404	-0.866018767	0.866056808
20	40	1.02	5.542521954	-5.542526891	1.108504391	-1.108505378
20	40	1.04	5.12299258	-5.123210364	1.024598516	-1.024642073
20	40	1.06	4.420598245	-4.420816468	0.884119649	-0.884163294
20	40	1.08	4.350573106	-4.35077272	0.870114621	-0.870154544
20	40	1.1	4.315305187	-4.315492349	0.863061037	-0.86309847
20	40	1.12	-5.577558086	5.577570537	-1.115511617	1.115514107
20	40	1.14	-5.329441997	5.329659801	-1.065888399	1.06593196
20	40	1.16	-4.543212901	4.543432837	-0.90864258	0.908686567
20	40	1.18	-4.360732529	4.36093707	-0.872146506	0.872187414
20	40	1.2	-4.326585472	4.326774846	-0.865317094	0.865354969
20	40	1.22	5.552071133	-5.552077899	1.110414227	-1.11041558

20	40	1.24	5.186708731	-5.186926859	1.037341746	-1.037385372
20	40	1.26	4.45310352	-4.453322838	0.890620704	-0.890664568
20	40	1.28	4.353125287	-4.353326105	0.870625057	-0.870665221
20	40	1.3	4.317963864	-4.318151376	0.863592773	-0.863630275
20	40	1.32	-5.572092076	5.572103123	-1.114418415	1.114420625
20	40	1.34	-5.301953635	5.302171577	-1.060390727	1.060434315
20	40	1.36	-4.522121905	4.522342064	-0.904424381	0.904468413
20	40	1.38	-4.358942543	4.359146282	-0.871788509	0.871829256
20	40	1.4	-4.324585713	4.324774558	-0.864917143	0.864954912
20	40	1.42	5.557104875	-5.557112686	1.111420975	-1.111422537
20	40	1.44	5.217742514	-5.217960637	1.043548503	-1.043592127
20	40	1.46	4.469700009	-4.469919833	0.893940002	-0.893983967
20	40	1.48	4.354498885	-4.354700394	0.870899777	-0.870940079
20	40	1.5	4.31950624	-4.319693997	0.863901248	-0.863938799
20	40	1.52	-5.568795976	5.568806276	-1.113759195	1.113761255
20	40	1.54	-5.284462118	5.284680144	-1.056892424	1.056936029
20	40	1.56	-4.509991424	4.510211606	-0.901998285	0.902042321
20	40	1.58	-4.357908453	4.358111696	-0.871581691	0.871622339
20	40	1.6	-4.323415577	4.323604126	-0.864683115	0.864720825
20	40	1.62	5.559932281	-5.559940659	1.111986456	-1.111988132
20	40	1.64	5.234540089	-5.234758212	1.046908018	-1.046951642
20	40	1.66	4.47914884	-4.479368824	0.895829768	-0.895873765
20	40	1.68	4.355293955	-4.35549587	0.871058791	-0.871099174
20	40	1.7	4.320413053	-4.32060097	0.864082611	-0.864120194
20	40	1.72	-5.566810181	5.566820033	-1.113362036	1.113364007
20	40	1.74	-5.27363021	5.273848265	-1.054726042	1.054769653
20	40	1.76	-4.50287905	4.503099226	-0.90057581	0.900619845
20	40	1.78	-4.357304261	4.357507197	-0.871460852	0.871501439
20	40	1.8	-4.322723965	4.322912354	-0.864544793	0.864582471
20	40	1.82	5.561562248	-5.561570958	1.11231245	-1.112314192
20	40	1.84	5.244027279	-5.244245389	1.048805456	-1.048849078
20	40	1.86	4.484666343	-4.4848864	0.896933269	-0.89697728
20	40	1.88	4.355760385	-4.355962536	0.871152077	-0.871192507
20	40	1.9	4.320947964	-4.321135982	0.864189593	-0.864227196
20	40	1.92	-5.565620579	5.565630165	-1.113124116	1.113126033
20	40	1.94	-5.267043663	5.26726173	-1.053408733	1.053452346
20	40	1.96	-4.498681809	4.498901975	-0.899736362	0.899780395
20	40	1.98	-4.356948021	4.357150775	-0.871389604	0.871430155
20	40	2	-4.322314669	4.322502966	-0.864462934	0.864500593
20	100	0	0	0	0	0
20	100	0.02	4.440306713	-4.44038948	0.888061343	-0.888077896
20	100	0.04	4.349412906	-4.349610693	0.869882581	-0.869922139
20	100	0.06	4.311167992	-4.311353631	0.862233598	-0.862270726
20	100	0.08	4.266781957	-4.266956678	0.853356391	-0.853391336
20	100	0.1	4.219446517	-4.219616057	0.843889303	-0.843923211
20	100	0.12	-5.703012889	5.703051023	-1.140602578	1.140610205
20	100	0.14	-5.629590822	5.629826321	-1.125918164	1.125965264
20	100	0.16	-5.51454086	5.514748148	-1.102908172	1.10294963
20	100	0.18	-4.923092189	4.923297209	-0.984618438	0.984659442
20	100	0.2	-4.370474691	4.370694061	-0.874094938	0.874138812
20	100	0.22	4.883852755	-4.883832278	0.976770551	-0.976766456
20	100	0.24	4.3740652	-4.374282556	0.87481304	-0.874856511
20	100	0.26	4.345269822	-4.345465962	0.869053964	-0.869093192
20	100	0.28	4.308587541	-4.308772121	0.861717508	-0.861754424
20	100	0.3	4.264411102	-4.264583116	0.85288222	-0.852916623
20	100	0.32	-5.654377016	5.65440979	-1.130875403	1.130881958
20	100	0.34	-5.56065225	5.560880185	-1.11213045	1.112176037
20	100	0.36	-5.254214742	5.254418669	-1.050842948	1.050883734
20	100	0.38	-4.490808034	4.491027147	-0.898161607	0.898205429
20	100	0.4	-4.356310955	4.356513379	-0.871262191	0.871302676
20	100	0.42	5.383975437	-5.383963582	1.076795087	-1.076792716
20	100	0.44	4.592965738	-4.593189101	0.918593148	-0.91863782
20	100	0.46	4.364467405	-4.364673829	0.872893481	-0.872934766
20	100	0.48	4.331009184	-4.331199603	0.866201837	-0.866239921
20	100	0.5	4.289217419	-4.289398469	0.857843484	-0.857879694
20	100	0.52	-5.621306767	5.621333059	-1.124261353	1.124266612
20	100	0.54	-5.492938246	5.493158598	-1.098587649	1.09863172
20	100	0.56	-4.81382194	4.814033614	-0.962764388	0.962806723
20	100	0.58	-4.37679365	4.377008578	-0.87535873	0.875401716
20	100	0.6	-4.343547307	4.343742253	-0.868709461	0.868748451
20	100	0.62	5.485799717	-5.485798914	1.097159943	-1.097159783
20	100	0.64	4.774858305	-4.775081079	0.954971661	-0.955016216
20	100	0.66	4.375741903	-4.375955382	0.875148381	-0.875191076
20	100	0.68	4.342046145	-4.342240492	0.868409229	-0.868448098
20	100	0.7	4.303209239	-4.303392781	0.860641848	-0.860678556
20	100	0.72	-5.599634334	5.59965602	-1.119926867	1.119931204
20	100	0.74	-5.425236226	5.425455262	-1.085047245	1.085091052
20	100	0.76	-4.650085923	4.650303268	-0.930017185	0.930060654

20	100	0.78	-4.368868763	4.369077574	-0.873773753	0.873815515
20	100	0.8	-4.335314816	4.335506497	-0.867062963	0.867101299
20	100	0.82	5.525579362	-5.525581979	1.105115872	-1.105116396
20	100	0.84	4.977419744	-4.977638316	0.995483949	-0.995527663
20	100	0.86	4.460389895	-4.460608131	0.892077979	-0.892121626
20	100	0.88	4.35103297	-4.351230259	0.870206594	-0.870246052
20	100	0.9	4.310474667	-4.310659746	0.862094933	-0.862131949
20	100	0.92	-5.586023844	5.58603865	-1.117204769	1.11720773
20	100	0.94	-5.371555184	5.371772206	-1.074311037	1.074354441
20	100	0.96	-4.582169874	4.58238882	-0.916433975	0.916477764
20	100	0.98	-4.363937461	4.364143484	-0.872787492	0.872828697
20	100	1	-4.330093837	4.33028404	-0.866018767	0.866056808
20	100	1.02	5.542521954	-5.542526891	1.108504391	-1.108505378
20	100	1.04	5.12299258	-5.123210364	1.024598516	-1.024642073
20	100	1.06	4.420598245	-4.420816468	0.884119649	-0.884163294
20	100	1.08	4.350573106	-4.350772721	0.870114621	-0.870154544
20	100	1.1	4.315305187	-4.315492348	0.863061037	-0.86309847
20	100	1.12	-5.577558086	5.577570537	-1.115511617	1.115514107
20	100	1.14	-5.329441997	5.329659801	-1.065888399	1.06593196
20	100	1.16	-4.543212901	4.543432837	-0.90864258	0.908686567
20	100	1.18	-4.360732529	4.36093707	-0.872146506	0.872187414
20	100	1.2	-4.326585472	4.326774846	-0.865317094	0.865354969
20	100	1.22	5.552071133	-5.552077899	1.110414227	-1.11041558
20	100	1.24	5.186708731	-5.186926859	1.037341746	-1.037385372
20	100	1.26	4.45310352	-4.453322838	0.890620704	-0.890664568
20	100	1.28	4.353125287	-4.353326105	0.870625057	-0.870665221
20	100	1.3	4.317963865	-4.318151377	0.863592773	-0.863630275
20	100	1.32	-5.572092076	5.572103123	-1.114418415	1.114420625
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20	100	1.36	-4.522121906	4.522342064	-0.904424381	0.904468413
20	100	1.38	-4.358942542	4.359146282	-0.871788508	0.871829256
20	100	1.4	-4.324585713	4.324774558	-0.864917143	0.864954912
20	100	1.42	5.557104875	-5.557112686	1.111420975	-1.111422537
20	100	1.44	5.217742514	-5.217960637	1.043548503	-1.043592127
20	100	1.46	4.469700009	-4.469919833	0.893940002	-0.893983967
20	100	1.48	4.354498885	-4.354700394	0.870899777	-0.870940079
20	100	1.5	4.31950624	-4.319693997	0.863901248	-0.863938799
20	100	1.52	-5.568795976	5.568806276	-1.113759195	1.113761255
20	100	1.54	-5.284462118	5.284680144	-1.056892424	1.056936029
20	100	1.56	-4.509991424	4.510211606	-0.901998285	0.902042321
20	100	1.58	-4.357908453	4.358111696	-0.871581691	0.871622339
20	100	1.6	-4.323415577	4.323604126	-0.864683115	0.864720825
20	100	1.62	5.559932281	-5.559940659	1.111986456	-1.111988132
20	100	1.64	5.234540089	-5.234758212	1.046908018	-1.046951642
20	100	1.66	4.47914884	-4.479368824	0.895829768	-0.895873765
20	100	1.68	4.355293955	-4.35549587	0.871058791	-0.871099174
20	100	1.7	4.320413053	-4.32060097	0.864082611	-0.864120194
20	100	1.72	-5.566810181	5.566820033	-1.113362036	1.113364007
20	100	1.74	-5.27363021	5.273848265	-1.054726042	1.054769653
20	100	1.76	-4.50287905	4.503099226	-0.90057581	0.900619845
20	100	1.78	-4.357304261	4.357507197	-0.871460852	0.871501439
20	100	1.8	-4.322723965	4.322912354	-0.864544793	0.864582471
20	100	1.82	5.561562248	-5.561570957	1.11231245	-1.112314191
20	100	1.84	5.244027279	-5.244245389	1.048805456	-1.048849078
20	100	1.86	4.484666343	-4.4848864	0.896933269	-0.89697728
20	100	1.88	4.355760385	-4.355962536	0.871152077	-0.871192507
20	100	1.9	4.320947964	-4.321135982	0.864189593	-0.864227196
20	100	1.92	-5.565620579	5.565630165	-1.113124116	1.113126033
20	100	1.94	-5.267043663	5.26726173	-1.053408733	1.053452346
20	100	1.96	-4.498681809	4.498901975	-0.899736362	0.899780395
20	100	1.98	-4.356948021	4.357150775	-0.871389604	0.871430155
20	100	2	-4.322314669	4.322502967	-0.864462934	0.864500593
40	2	0	0	0	0	0
40	2	0.02	9.353338432	-9.353503543	1.870667686	-1.870700709
40	2	0.04	9.239762572	-9.240183636	1.847952514	-1.848036727
40	2	0.06	9.159848023	-9.160281738	1.831969605	-1.832056348
40	2	0.08	9.061330111	-9.061767672	1.812266022	-1.812353534
40	2	0.1	8.952781563	-8.953223945	1.790556313	-1.790644789
40	2	0.12	-10.88831738	10.8884993	-2.177663476	2.177699861
40	2	0.14	-10.78341919	10.78392539	-2.156683837	2.156785077
40	2	0.16	-10.66760426	10.66805092	-2.133520851	2.133610185
40	2	0.18	-10.42541247	10.4257857	-2.085082494	2.085157139
40	2	0.2	-9.382730374	9.383144414	-1.876546075	1.876628883
40	2	0.22	9.540114394	-9.540029648	1.908022879	-1.90800593
40	2	0.24	9.278267074	-9.278708272	1.855653415	-1.855741654
40	2	0.26	9.212452312	-9.212869192	1.842490462	-1.842573838
40	2	0.28	9.12812564	-9.128530488	1.825625128	-1.825706098
40	2	0.3	9.027495271	-9.027919065	1.805499054	-1.805583813

40	2	0.32	-10.83153869	10.83167182	-2.166307738	2.166334364
40	2	0.34	-10.72300348	10.72348661	-2.144600695	2.144697323
40	2	0.36	-10.58152264	10.58193649	-2.116304528	2.116387298
40	2	0.38	-9.637410481	9.637789896	-1.927482096	1.927557979
40	2	0.4	-9.275077767	9.275522396	-1.855015553	1.855104479
40	2	0.42	10.22453427	-10.22449117	2.044906853	-2.044898235
40	2	0.44	9.378711153	-9.379162932	1.875742231	-1.875832586
40	2	0.46	9.247254834	-9.247674937	1.849450967	-1.849534987
40	2	0.48	9.170015182	-9.170436326	1.834003036	-1.834087265
40	2	0.5	9.072161488	-9.072597448	1.814432298	-1.81451949
40	2	0.52	-10.79360538	10.79373608	-2.158721075	2.158747215
40	2	0.54	-10.67892476	10.67939713	-2.135784952	2.135879426
40	2	0.56	-10.47481681	10.47520128	-2.094963361	2.095040256
40	2	0.58	-9.419211832	9.419618861	-1.883842366	1.883923772
40	2	0.6	-9.27089313	9.271322123	-1.854178626	1.854264425
40	2	0.62	10.49175159	-10.49171917	2.098350318	-2.098343835
40	2	0.64	9.436097223	-9.436511834	1.887219445	-1.887302367
40	2	0.66	9.272699181	-9.273130965	1.854539836	-1.854626193
40	2	0.68	9.18587043	-9.186280429	1.837174086	-1.837256086
40	2	0.7	9.106709253	-9.107159471	1.821341851	-1.821431894
40	2	0.72	-10.7625743	10.76268939	-2.15251486	2.152537878
40	2	0.74	-10.6393278	10.63978559	-2.12786556	2.127957119
40	2	0.76	-10.23252782	10.23289798	-2.046505564	2.046579595
40	2	0.78	-9.37986725	9.38031843	-1.87597345	1.876063686
40	2	0.8	-9.2478038	9.248224218	-1.84956076	1.849644844
40	2	0.82	10.56522549	-10.56523579	2.113045097	-2.113047158
40	2	0.84	9.583369589	-9.58377104	1.916673918	-1.916754208
40	2	0.86	9.278370947	-9.278814192	1.855674189	-1.855762838
40	2	0.88	9.218643213	-9.219064649	1.843728643	-1.84381293
40	2	0.9	9.133915331	-9.134321817	1.826783066	-1.826864363
40	2	0.92	-10.73705466	10.73714473	-2.147410932	2.147428946
40	2	0.94	-10.60234213	10.60278462	-2.120468426	2.120556923
40	2	0.96	-9.772127687	9.772506205	-1.954425537	1.954501241
40	2	0.98	-9.350839448	9.351277363	-1.87016789	1.870255473
40	2	1	-9.228001248	9.228416592	-1.84560025	1.845683318
40	2	1.02	10.60059762	-10.60062022	2.120119523	-2.120124043
40	2	1.04	9.769685446	-9.770078715	1.953937089	-1.954015743
40	2	1.06	9.350802782	-9.351240144	1.870160556	-1.870248029
40	2	1.08	9.227873601	-9.228288893	1.84557472	-1.845657779
40	2	1.1	9.150855973	-9.151278601	1.830171195	-1.83025572
40	2	1.12	-10.72003642	10.72011915	-2.144007285	2.144023829
40	2	1.14	-10.57396902	10.57440142	-2.114793804	2.114880283
40	2	1.16	-9.609202853	9.609588286	-1.921840571	1.921917657
40	2	1.18	-9.276974275	9.277417451	-1.855394855	1.85548349
40	2	1.2	-9.222808268	9.223231619	-1.844561654	1.844646324
40	2	1.22	10.62309436	-10.62313743	2.124618872	-2.124627485
40	2	1.24	10.0247899	-10.02517677	2.00495798	-2.005035355
40	2	1.26	9.369963758	-9.37042019	1.873992752	-1.874084038
40	2	1.28	9.239431415	-9.239849957	1.847886283	-1.847969991
40	2	1.3	9.160981256	-9.161401014	1.832196251	-1.832280203
40	2	1.32	-10.70914395	10.70922391	-2.141828791	2.141844781
40	2	1.34	-10.55340109	10.55382685	-2.110680218	2.11076537
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40	2	1.38	-9.278810567	9.279249907	-1.855762113	1.855849981
40	2	1.4	-9.21222535	9.212645396	-1.84244507	1.842529079
40	2	1.42	10.63562508	-10.63566786	2.127125016	-2.127133573
40	2	1.44	10.19196715	-10.1923557	2.03839343	-2.03847114
40	2	1.46	9.37554691	-9.375999303	1.875109382	-1.875199861
40	2	1.48	9.245379175	-9.245798771	1.849075835	-1.849159754
40	2	1.5	9.168045675	-9.168467174	1.833609135	-1.833693435
40	2	1.52	-10.70149468	10.70157089	-2.140298936	2.140314178
40	2	1.54	-10.53707539	10.53749608	-2.107415079	2.107499217
40	2	1.56	-9.504013322	9.504408146	-1.900802664	1.900881629
40	2	1.58	-9.278084731	9.278521033	-1.855616946	1.855704207
40	2	1.6	-9.204316149	9.204733709	-1.84086323	1.840946742
40	2	1.62	10.64396085	-10.64400271	2.128792169	-2.128800543
40	2	1.64	10.27041007	-10.27080013	2.054082014	-2.054160025
40	2	1.66	9.311482594	-9.311907607	1.862296519	-1.862381521
40	2	1.68	9.254762565	-9.255192322	1.850952513	-1.851038464
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40	2	1.76	-9.475509425	9.47590693	-1.895101885	1.895181386
40	2	1.78	-9.276541813	9.276975524	-1.855308363	1.855395105
40	2	1.8	-9.197261807	9.197677707	-1.839452361	1.839535541
40	2	1.82	10.65101574	-10.65105701	2.130203149	-2.130211402
40	2	1.84	10.32536556	-10.32575629	2.065073112	-2.065151257
40	2	1.86	9.333882136	-9.334305683	1.866776427	-1.866861137

40	2	1.88	9.257995342	-9.258424538	1.851599068	-1.851684908
40	2	1.9	9.159400379	-9.159805569	1.831880076	-1.831961114
40	2	1.92	-10.68994416	10.68999439	-2.137988831	2.137998878
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40	2	2	-9.192029087	9.192443393	-1.838405817	1.838488679
40	100	0	0	0	0	0
40	100	0.02	9.353338432	-9.353503543	1.870667686	-1.870700709
40	100	0.04	9.239762572	-9.240183636	1.847952514	-1.848036727
40	100	0.06	9.159848023	-9.160281738	1.831969605	-1.832056348
40	100	0.08	9.061330111	-9.061767672	1.812266022	-1.812353534
40	100	0.1	8.952781564	-8.953223946	1.790556313	-1.790644789
40	100	0.12	-10.88831738	10.88849931	-2.177663476	2.177699861
40	100	0.14	-10.78341919	10.78392539	-2.156683837	2.156785077
40	100	0.16	-10.66760426	10.66805092	-2.133520851	2.133610185
40	100	0.18	-10.42541247	10.4257857	-2.085082494	2.085157139
40	100	0.2	-9.382730374	9.383144415	-1.876546075	1.876628883
40	100	0.22	9.540114394	-9.540029648	1.908022879	-1.90800593
40	100	0.24	9.278267074	-9.278708272	1.855653415	-1.855741654
40	100	0.26	9.212452313	-9.212869193	1.842490463	-1.842573839
40	100	0.28	9.12812564	-9.128530487	1.825625128	-1.825706097
40	100	0.3	9.027495272	-9.027919066	1.805499054	-1.805583813
40	100	0.32	-10.83153869	10.83167182	-2.166307738	2.166334363
40	100	0.34	-10.72300348	10.72348661	-2.144600695	2.144697323
40	100	0.36	-10.58152264	10.58193649	-2.116304528	2.116387298
40	100	0.38	-9.637410482	9.637789896	-1.927482096	1.927557979
40	100	0.4	-9.275077767	9.275522396	-1.855015553	1.855104479
40	100	0.42	10.22453427	-10.22449117	2.044906853	-2.044898235
40	100	0.44	9.378711153	-9.379162932	1.875742231	-1.875832586
40	100	0.46	9.247254833	-9.247674936	1.849450967	-1.849534987
40	100	0.48	9.170015183	-9.170436326	1.834003037	-1.834087265
40	100	0.5	9.072161488	-9.072597448	1.814432298	-1.81451949
40	100	0.52	-10.79360538	10.79373608	-2.158721075	2.158747215
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40	100	0.56	-10.47481681	10.47520128	-2.094963361	2.095040256
40	100	0.58	-9.419211832	9.419618861	-1.883842366	1.883923772
40	100	0.6	-9.27089313	9.271322124	-1.854178626	1.854264425
40	100	0.62	10.49175159	-10.49171917	2.098350318	-2.098343835
40	100	0.64	9.436097223	-9.436511834	1.887219445	-1.887302367
40	100	0.66	9.272699181	-9.273130965	1.854539836	-1.854626193
40	100	0.68	9.18587043	-9.186280428	1.837174086	-1.837256086
40	100	0.7	9.106709252	-9.10715947	1.82134185	-1.821431894
40	100	0.72	-10.7625743	10.76268939	-2.15251486	2.152537878
40	100	0.74	-10.6393278	10.63978559	-2.12786556	2.127957119
40	100	0.76	-10.23252782	10.23289798	-2.046505564	2.046579595
40	100	0.78	-9.379867251	9.38031843	-1.87597345	1.876063686
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40	100	0.82	10.56522549	-10.56523579	2.113045097	-2.113047158
40	100	0.84	9.583369589	-9.58377104	1.916673918	-1.916754208
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40	100	0.96	-9.772127687	9.772506205	-1.954425537	1.954501241
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40	100	1.58	-9.278084731	9.278521034	-1.855616946	1.855704207
40	100	1.6	-9.204316149	9.204733709	-1.84086323	1.840946742
40	100	1.62	10.64396085	-10.64400271	2.128792169	-2.128800543
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50	120	0.12	-13.51831015	13.51862828	-2.70366203	2.703725656
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50	120	0.72	-13.33119093	13.33135467	-2.666238186	2.666270933
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50	120	0.88	11.65479412	-11.65535851	2.330958824	-2.331071702
50	120	0.9	11.5299982	-11.53052774	2.305999641	-2.306105548
50	120	0.92	-13.30236574	13.302512	-2.660473149	2.6605024
50	120	0.94	-13.16039259	13.16096325	-2.632078518	2.63219265

50	120	0.96	-12.62212727	12.62257312	-2.524425453	2.524514625
50	120	0.98	-11.83947135	11.84006169	-2.367894269	2.368012337
50	120	1	-11.6802933	11.68082608	-2.33605866	2.336165217
50	120	1.02	13.11498111	-13.11502828	2.622996221	-2.623005656
50	120	1.04	12.11586209	-12.11635105	2.423172418	-2.423270211
50	120	1.06	11.74169783	-11.74226891	2.348339567	-2.348453782
50	120	1.08	11.66406965	-11.66460132	2.33281393	-2.332920265
50	120	1.1	11.5574812	-11.55801693	2.31149624	-2.311603385
50	120	1.12	-13.27901098	13.27914773	-2.655802195	2.655829545
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50	120	1.16	-12.19462316	12.19508933	-2.438924631	2.439017867
50	120	1.18	-11.81101772	11.81158205	-2.362203544	2.36231641
50	120	1.2	-11.68697672	11.68752886	-2.337395345	2.337505771
50	120	1.22	13.14239418	-13.14246627	2.628478835	-2.628493254
50	120	1.24	12.33050464	-12.33099293	2.466100928	-2.466198585
50	120	1.26	11.82656973	-11.8271408	2.365313947	-2.365428161
50	120	1.28	11.69631649	-11.69686511	2.339263299	-2.339373022
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50	120	1.36	-12.06776757	12.06823983	-2.413553515	2.413647966
50	120	1.38	-11.74433491	11.74490006	-2.348866981	2.348980011
50	120	1.4	-11.67344498	11.67399655	-2.334688996	2.33479931
50	120	1.42	13.15934098	-13.15942408	2.631868196	-2.631884815
50	120	1.44	12.6118394	-12.61231225	2.522367879	-2.522462451
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50	120	1.48	11.67973879	-11.68027135	2.335947759	-2.33605427
50	120	1.5	11.58580653	-11.58634483	2.317161305	-2.317268967
50	120	1.52	-13.25396192	13.25408375	-2.650792383	2.650816751
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50	120	1.62	13.1705122	-13.17059962	2.63410244	-2.634119924
50	120	1.64	12.74500749	-12.74548808	2.549001497	-2.549097616
50	120	1.66	11.84349797	-11.84407718	2.368699594	-2.368815436
50	120	1.68	11.68589586	-11.68643167	2.337179171	-2.337286333
50	120	1.7	11.59379376	-11.59433242	2.318758752	-2.318866484
50	120	1.72	-13.24653403	13.24665134	-2.649306807	2.649330268
50	120	1.74	-13.07652283	13.077059	-2.615304566	2.6154118
50	120	1.76	-11.98101428	11.98149072	-2.396202855	2.396298144
50	120	1.78	-11.74397375	11.7445277	-2.348794749	2.34890554
50	120	1.8	-11.65748754	11.65805417	-2.331497508	2.331610833
50	120	1.82	13.17862018	-13.1787103	2.635724037	-2.63574206
50	120	1.84	12.81745326	-12.81793835	2.563490653	-2.56358767
50	120	1.86	11.78494564	-11.78547237	2.356989129	-2.357094474
50	120	1.88	11.70694794	-11.70750357	2.341389587	-2.341500715
50	120	1.9	11.59826462	-11.59884976	2.319652924	-2.319769951
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50	120	1.96	-11.95748126	11.95796016	-2.391496253	2.391592032
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50	120	2	-11.65171487	11.65228833	-2.330342973	2.330457666
50	150	0	0	0	0	0
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50	150	0.04	11.67337142	-11.67389911	2.334674285	-2.334779821
50	150	0.06	11.58113137	-11.58167231	2.316226273	-2.316334462
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50	150	0.1	11.26907178	-11.26962159	2.253814355	-2.253924319
50	150	0.12	-13.51831015	13.51862828	-2.70366203	2.703725656
50	150	0.14	-13.34644998	13.3470422	-2.669289996	2.66940844
50	150	0.16	-13.21412153	13.21467943	-2.642824305	2.642935885
50	150	0.18	-13.0046361	13.00510801	-2.60092722	2.601021602
50	150	0.2	-11.88182398	11.88231282	-2.376364796	2.376462564
50	150	0.22	11.96376995	-11.96365142	2.39275399	-2.392730284
50	150	0.24	11.74207878	-11.74263501	2.348415756	-2.348527003
50	150	0.26	11.65330832	-11.6538541	2.330661664	-2.33077082
50	150	0.28	11.52841075	-11.52894087	2.30568215	-2.305788174
50	150	0.3	11.37686833	-11.37745934	2.275373665	-2.275491867
50	150	0.32	-13.43948898	13.43981651	-2.687897796	2.687963302
50	150	0.34	-13.28340262	13.28395542	-2.656680523	2.656791085
50	150	0.36	-13.13546772	13.13598495	-2.627093543	2.627196991
50	150	0.38	-12.25092509	12.25137741	-2.450185017	2.450275482
50	150	0.4	-11.81547638	11.8160412	-2.363095277	2.363208239
50	150	0.42	12.56445859	-12.56439323	2.512891718	-2.512878645
50	150	0.44	11.83651562	-11.83710375	2.367303124	-2.36742075
50	150	0.46	11.67745221	-11.6779838	2.335490442	-2.33559676
50	150	0.48	11.58386969	-11.58440866	2.316773938	-2.316881732

50	150	0.5	11.4444107	-11.44499414	2.288882141	-2.288998829
50	150	0.52	-13.36540869	13.36561645	-2.673081737	2.67312329
50	150	0.54	-13.23525942	13.23586406	-2.647051883	2.647172812
50	150	0.56	-13.05747564	13.05797944	-2.611495128	2.611595888
50	150	0.58	-11.94299525	11.94347021	-2.38859905	2.388694042
50	150	0.6	-11.7400031	11.74055006	-2.34800062	2.348110011
50	150	0.62	12.97819153	-12.97814429	2.595638305	-2.595628858
50	150	0.64	11.863352	-11.86386141	2.3726704	-2.372772282
50	150	0.66	11.72272763	-11.72327589	2.344545526	-2.344655179
50	150	0.68	11.62371347	-11.62428755	2.324742694	-2.324857511
50	150	0.7	11.49416087	-11.49470298	2.298832174	-2.298940596
50	150	0.72	-13.33119093	13.33135467	-2.666238186	2.666270933
50	150	0.74	-13.19594729	13.19653202	-2.639189459	2.639306403
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50	150	0.88	11.65479412	-11.65535851	2.330958824	-2.331071702
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50	150	0.92	-13.30236574	13.302512	-2.660473149	2.6605024
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50	150	1.02	13.11498111	-13.11502828	2.622996221	-2.623005656
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50	150	1.62	13.1705122	-13.17059962	2.63410244	-2.634119924
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50	150	1.82	13.17862018	-13.1787103	2.635724037	-2.635742059
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50	150	2	-11.65171487	11.65228833	-2.330342973	2.330457666
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60	130	0.06	13.99083689	-13.99151532	2.798167378	-2.798303064
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60	130	0.1	13.45168058	-13.4522765	2.690336116	-2.690455301
60	130	0.12	-16.1422961	16.14256716	-3.22845922	3.228513431
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60	130	0.52	-15.97057046	15.97093955	-3.194114092	3.19418791
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60	130	0.6	-14.20873578	14.2094065	-2.841747156	2.841881299
60	130	0.62	15.46898565	-15.46893893	3.09379713	-3.093787787
60	130	0.64	14.31386571	-14.31447245	2.862773142	-2.86289449
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60	130	0.7	13.8559369	-13.8566456	2.771187381	-2.771329119
60	130	0.72	-15.92314318	15.92351759	-3.184628636	3.184703518
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60	130	0.88	14.07957063	-14.0802834	2.815914126	-2.816056679
60	130	0.9	13.90709391	-13.90779865	2.781418781	-2.78155973
60	130	0.92	-15.88421215	15.8845808	-3.17684243	3.17691616
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60	130	1.18	-14.29574757	14.29645263	-2.859149513	2.859290526
60	130	1.2	-14.14497422	14.14564231	-2.828994844	2.829128462
60	130	1.22	15.6574836	-15.65759065	3.13149672	-3.13151813
60	130	1.24	14.68582545	-14.68640773	2.93716509	-2.937281546
60	130	1.26	14.27930443	-14.27999968	2.855860885	-2.855999937
60	130	1.28	14.13491412	-14.13558589	2.826982825	-2.827117178
60	130	1.3	13.9730452	-13.9737271	2.794609041	-2.794745419
60	130	1.32	-15.81574797	15.81596225	-3.163149593	3.16319245
60	130	1.34	-15.64803091	15.64871016	-3.129606183	3.129742032
60	130	1.36	-14.61374279	14.61429997	-2.922748557	2.922859994
60	130	1.38	-14.20859913	14.20929877	-2.841719827	2.841859754
60	130	1.4	-14.12593627	14.12660005	-2.825187255	2.825320011
60	130	1.42	15.67807344	-15.67818931	3.135614688	-3.135637861
60	130	1.44	14.93690334	-14.93747551	2.987380667	-2.987495102
60	130	1.46	14.2994766	-14.30018898	2.85989532	-2.860037797
60	130	1.48	14.14830237	-14.14897093	2.829660474	-2.829794185
60	130	1.5	13.98985569	-13.9905345	2.797971138	-2.7981069
60	130	1.52	-15.8028605	15.80306629	-3.1605721	3.160613258
60	130	1.54	-15.63008722	15.63075836	-3.126017444	3.126151671
60	130	1.56	-14.52674165	14.52730288	-2.905348329	2.905460575
60	130	1.58	-14.21342076	14.21410989	-2.842684151	2.842821978

60	130	1.6	-14.11439467	14.11507167	-2.822878934	2.823014334
60	130	1.62	15.69250179	-15.69262844	3.138500357	-3.138525688
60	130	1.64	15.19088238	-15.1914438	3.038176477	-3.038288761
60	130	1.66	14.31095898	-14.31168262	2.862191797	-2.862336523
60	130	1.68	14.15753219	-14.15820018	2.831506437	-2.831640036
60	130	1.7	14.00634616	-14.00699263	2.801269233	-2.801398527
60	130	1.72	-15.79409906	15.7942737	-3.158819813	3.158854741
60	130	1.74	-15.61681241	15.61747111	-3.123362482	3.123494222
60	130	1.76	-14.48544057	14.48600186	-2.897088114	2.897200372
60	130	1.78	-14.21250351	14.21318424	-2.842500701	2.842636848
60	130	1.8	-14.10320484	14.10390764	-2.820640968	2.820781528
60	130	1.82	15.70204582	-15.70218525	3.140409164	-3.14043705
60	130	1.84	15.29436639	-15.29494141	3.058873277	-3.058988281
60	130	1.86	14.31501779	-14.31572718	2.863003559	-2.863145436
60	130	1.88	14.16499081	-14.16566443	2.832998162	-2.833132887
60	130	1.9	14.01465041	-14.015295	2.802930083	-2.803059001
60	130	1.92	-15.78713484	15.7873038	-3.157426969	3.157460759
60	130	1.94	-15.60596389	15.60661751	-3.121192778	3.121323501
60	130	1.96	-14.45979946	14.46036091	-2.891959892	2.892072182
60	130	1.98	-14.21004306	14.21071763	-2.842008612	2.842143525
60	130	2	-14.09597713	14.09669062	-2.819195427	2.819338124