

Distance

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.004540755656234978	0.0	0.0	0.0010038976117730824	0.0
	0.0	0.10793043020084367	0.135967674694281	0.04051514170252421	0.02477003871109256	0.077592925340681	0.0	0.0	0.005694017422900312	0.055708541044725515	3.6634430075310203	0.015777029496431384	0.12796602162238611	0.0	0.0	0.009418805593423284	0.07975992465232064	0.03616711330235825	0.08282658539491463	0.17469062945095
2	0.0	0.237268045635356	0.7850854226341334	0.3094243713681714	3.430989214374699	15.043552787654967	0.0	0.0	0.0002464118743807303	0.05700645723380199	0.040234302666336354	16.1316974107504	0.0010124413682913425	0.0	0.0	0.004727680144781603	0.3316965628237445	0.9129067019234671	0.338016305730947	0.00470620965701
5	0.0	1.1468563923869783	0.0	0.0	1.367721712418746	0.0	0.0	0.0	0.006360396069157967	0.015998304702589415	0.05903148528895009	17.43668566532394	0.0	0.0	0.0	0.008776426013307307	82.38265243813031	58.43872664071296	0.01173891475610	
	0.0	7.670503917103573	0.01491518351675897	0.1047944457510967	0.0	0.010762810593049297	18.73940105038233	27.505030513314164	27.451350237008576	0.03780549929765804	0.010236342476607046	0.008038235973129833	0.009023064130006891	0.0035409902449872336	0.0	0.01565900838655977	0.0011352718558326972	0.019986427366716766	0.0	0.02504586256202
	0.0	0.01445805075880472	0.5277641905030881	0.010835149756508107	0.007897689109037384	0.05521278008335228	0.0	0.0	0.0	0.0009791944554734065	7.4101824534408784	0.006405561991412555	0.00940701577354095	0.0	0.0	0.029173994730405148	5.948259476861777	0.008352865369830879	11.061202401516784	0.02002463044125
	0.0	8.152390061065674	0.3211428056357547	0.0	1.7886114440186478	0.10089542015346739	0.0017482700877896513	0.0	0.10052420515521956	75.02440341797465	226.99779324658175	0.004359820656003499	114.82340354331983	0.0	0.0	0.7141187814213728	0.004952079281676975	0.0008819600925132725	0.0	0.01562623279162
	0.0	0.1982789230137273	0.3099389100780185	8.78921362393712e-05	0.0008877640558628936	0.00199323685109489	0.00031753912719167775	252.45089278773466	5.088734578484335	4.2525278072010115	246.48992723095688	0.10317750163408404	0.22363209423175576	0.19650546904719282	0.0	0.0	4.953179350082177	4.949965997658559	246.49992737324487	0.0
	0.0	0.00287382118142112	1163.6479343256105	3.534636911594592	0.0	0.0	0.0	0.0	2.3825249027537005e-05	0.0	0.0011618729828989517	0.0004341718328753993	0.0026970830266614316	0.0	0.0	0.011490802011637406	33.608772409959194	0.0006112918410174996	3.8709625738026165	180.751053535119
	0.0	0.0	0.01092558990215492	0.0	0.0077290714142300215	0.02219531893326454	0.0	0.0	12.822928666280417	0.0	0.01252147758855643	0.00959530584733117	0.0	0.0	0.0	0.007983130173877112	0.30488213136023146	0.0	0.0	0.02136288016379
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9083483760602704	1.2752083299439572	1.1652356150850185	2.443706827352315	0.63562950746892785	12.231753245976266	0.0	0.0	0.0	0.16324171784624006	0.0	0.0	0.0	0.0	0.0	0.0	0.14813077852488155	0.0	0.1688525598436752	94.38409428199155	94.5550146556686
0.0	0.8154914779958158	1.2751029525842812	0.17128073816090947	3.687234537915668	1.7931068549053792	0.0	0.0	0.0	0.1604635579806798	0.13390741913893184	3.294811153129258	0.18563299961539143	0.22612282173441872	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	223.01660041104626	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.70926573185833	5.53348579074149	1.6510493143052183	1.136616368258611	0.3133145617844705	0.0	0.0	38.915856414685244	44.005428681910956	2.3710012863703622	2.344390511602093	0.24776864953093
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.08968927668246246	0.21312105079233487	2.144287284289699	0.8115584828710823	0.0	0.0	0.0016144849287337395	0.007797714947122613	0.09661554348524558	0.21013870520780917	0.008546443224319503	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	5.685605056123571	0.5706523633533709	4.28714104581755	9.052011442623625	3.3098277435795143	0.0	0.0	0.0	0.09334222064238189	0.0	0.0	0.0	744.8414139066566	0.0	0.0	0.0	2.637687679538863	0.0	14.598080484199064	4.9197233434006
0.0	0.0	0.0	0.0	0.057067323582518474	2.6830767728209777	0.0	0.0	0.0	2.4689599895322054	0.0	10.701859693325899	0.1627068226252639	10.359764446858357	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.2995877491338536	0.33455862298304884	0.6841658077988608	0.48961386800061923	0.2943457879789124	0.0	0.0	0.0	0.21283382391953887	2.954081237941284	0.04011370047863216	0.1558480289635539	0.12847600732279268	0.0	0.0	0.23566760809460088	2.9454071844674665	2.2313026149846324	0.22485593880291732	0.14922589216200
0.0	2.3466625884963315	0.022693671772014045	237.7689493087429	0.3384023971604689	0.04490098842462912	0.0	0.0	0.0	109.74772639865105	0.009165371886582395	61.01363569096145	0.07628165134124353	27.855786794912333	6.686874646546777	110.9731875002956	0.0	1.0263910890036994	0.0	0.45868761161174	
0.0	0.01451266864968601	1.3283317224969087	0.0041375210800316305	0.0018703401380263623	0.008171854438633504	0.0	0.0	0.0	0.005588778586088434	0.016794149144693564	2.4127709690492525	0.0	2.431359184553891	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.05702311800816235	0.3871602356419859	5.994578637464991	0.0	2.0494316216805517	0.0	0.0	0.0	0.4210550853930254	0.4217316780301209	0.18145502716775277	0.3867433247199345	0.3824363518583921	0.0	0.0	5.938497859903799	0.0	0.0	0.10434817932185057	0.14452487889589
0.0	0.0027325784939644816	0.7335396374742367	0.005265293282707364	0.0951968101454869	0.03231764801015801	0.0	0.0	0.0	16.247688830345368	82.68783826144742	0.0	0.0	159.47151190043564	0.0	0.0	0.020273290833054132	54.96827473178803	0.02308251666309844	0.03423109428644101	63.4920845985197
0.0	0.0	1.1479429066432967	0.1112770284355165	15.990789316804657	0.0	0.0	0.0	0.0	8.240336048120222	1.111643321299928	0.0	0.0	1113.816092238113	0.0	0.0	0.0	45.637818138123926	0.0	0.0	0.0
0.0	0.10221700156501158	0.22151892954273425	0.0033772235187271415	0.10606202751013243	0.0981157798689745	0.0	0.0	0.0	8.019734904205494	12.88819197687828	6.482996818547122	31.237449613579432	0.0	0.0	0.0	0.2139283365966181	0.22404670967698687	0.09659377715058134	0.0	0.0
0.0	0.027776938399188086	11.446392408733454	0.008269360153481814	10.52142242762129	0.01315103312970048	0.0	0.0	0.0	3.417124576847205	9.566947874852104	8.036257963805067	0.0	0.0	0.0	0.0	0.1313282441740599	0.0	0.3512801175294312	0.00762272978100349	0.59208005396859
0.0	1.2959806402086278	0.0026639453484523313	0.0010209968192317785	0.02371326200827125	0.0017436296780927155	0.0	0.0	0.0	0.0037532680286067894	0.09729762480871207	0.0803032907330616	6.7579610049350745	0.0	0.0	57.921245418588214	0.00908158574943794	72.29959710143575	49.91632555388654	0.9581287867419374	
0.0	0.013972996681811777	13.965809617132152	0.6160504732669897	0.0007435219448236765	0.17107694118808334	0.0	0.0	0.0	0.014618203332586689	0.029419413664000065	0.015473077848262339	0.036117727373913666	0.007064711309167181	0.0	0.0	0.18192323928677034	0.2287959440265806	0.2209558659567846	0.24020925511460295	0.26784402287213
0.0	0.008701631259472504	0.507273961056791	0.03183941215436343	0.03680850121731692	0.009893437783520849	0.0	0.0	0.0	10.531027419069453	7.313245296624153	0.11838335566092895	4.273267031839397	10.526293220010647	0.0	0.0	10.464015361829704	0.08251289354923687	0.12298519889414218	6.79228982535781	0.00937564989503
0.014102629172015125	8.041065463384848	0.23813411400128834	0.20327144339910322	0.0673966995096483	8.011548034005751e-05	0.043243876819761884	0.0	0.0	31.25923074786129	0.1417730930248326	0.07206310937972903	0.2637554643010215	0.0001221853068633018	0.08096160097531409	0.0	0.12855713314238568	0.22303219517263764	0.2558108456866285	0.1280915117537088	0.159299507236917
0.0	0.07651342891539865	0.3900310729686002	0.009744230067315712	75.72754819645104	0.37657151809841816	0.0	0.0	0.0	3.9209753437961608	0.03529330682092067	247.96388082945973	0.12972012841009417	0.00024023541362857344	0.0	0.0	85.1730660782435	0.23647418934021866	108.07300228736554	0.018953794793264835	140.124285147080
0.0	0.11309252252639107	13.001691528665287	0.19461422630475003	0.19226224298708455	0.11396810031997716	0.0	0.0	0.0	0.07861086540896373	0.08590119307531548	11.625438528093873	0.053555914379302676	0.22749931570378873	0.0	0.0	0.07776791257084138	0.16416210062916195	0.24380663143175443	0.07389098964646866	0.26586274893311
0.0	0.045351574465608946	0.25893887027947726	0.1141999325984034	0.21136746940692377	9.817410323965106	0.0	0.0	0.0	0.039578725647273286	8.753539710508603	0.04663355820606164	0.004601495146242806	0.1112169405561451	0.0	0.0	0.24270332270193737	0.030737530784211882	0.005177486103792388	0.10906075229881637	0.26647639637729
0.0	0.0025338165416055945	0.0	0.022769162069396078	0.0	1.5507629721970224	1.6610783309007155	0.0	0.0	140.04383040139123	140.07224531153545	0.015723621477379747	0.036162147155020356	0.033016888086212684	0.0	0.0	0.0702760778196098	0.03560490615340152	0.018228494101962135	0.013102382139308746	0.08112011337599
0.0	0.2136306027645555	0.5984697025782272	0.22938455365944413	0.2589109867758002	0.15267695065757764	0.0	0.0	0.0	0.010353247339000506	0.24320700748206417	0.25300489900672135	0.10144422271412708	0.23111444217278346	0.						

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	0.0	0.20682229018914033	0.2666709744429268	0.0	19.332664186108346	0.0	0.0	0.0	0.1045510348252241	0.11145237049061868	0.23291322108602805	0.28539427815815116	0.3286218801273654	0.0	0.0	0.2079325666418058	0.1667028842865806	0.905056094132861	0.2515702565978637	2.03197969907990
	0.0	4.76137015180145	69.75728620897411	90.4066555010151	5.283812976015124	31.57980513245018	0.0	0.0	31.084413103232137	2.0555637719078517	3.003434620935913	23.16034708723904	11.600567086299344	0.0	0.0	4.169901171929152	6.920987603895692	4.548827967425722	35.02436788876212	18.7965349857795
	0.0	0.18321890195128035	0.04123265298903495	0.4495932513387065	0.0005212154502355343	0.05663254948546715	0.0	0.0	0.4370478675046034	0.1226331675552835	0.016295476916051384	0.11241440675347328	0.22558530602475846	0.0	0.0	0.20867060144971097	0.20345463979879852	0.24051418269822822	0.07368371369520792	0.02714825350555
	0.0	25.309192240537335	0.05025797685831714	14.706713308867347	0.004267729301453585	0.03067995815423061	0.044508252779787434	0.0	4.025795603325658	3.1746373401583416	0.05945141217198731	40.72051860193264	4.102338050107547	116.48988192105809	0.0	0.05894677537618285	0.08449888856452041	0.030768006804099184	0.23541675024354308	0.68695903796784
1	0.0	0.007384097253830266	0.015411920566745858	0.0	5.944025669359718	235.41906122240727	0.0	0.0	0.051924935920697864	0.06372274804364052	0.0	0.0002643042985088754	0.0003219495802395156	0.0009305695516297107	0.0	1.1091464862774316	246.7294955390021	379.6660776396097	0.42941931938025846	0.00524604866575
	0.0	0.0	0.026445693426475285	0.013587805234207075	0.0034790473473792147	0.018448261496039144	0.0	0.0	0.020866566547832272	0.014574908918687264	0.0037856155826475075	0.021703572182979136	0.01095223280846161	0.0	0.0	0.018514750514074016	0.017163175520447202	0.023865140405724412	0.0	155.220081241903
	0.0	0.6906833123090032	0.25751172716286275	6.779182010460703	0.0	0.0	0.0	0.14640468440415344	0.8586141621077925	0.2030305689207231	1.9618862686986034	130.33653460057317	0.15905029467043239	1.090122156859782	0.0	0.8586141621077925	27.430674410471255	0.23755398304663633	44.35779616855927	0.0
	0.0	0.5020663537185399	0.5021441245260841	0.08487163972825794	7.0845211161967905	0.31318385649950964	0.0	0.0	0.6271092701610808	0.05146059277587233	0.0	2.979865246912582	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.4670676992131
	0.0	0.21119347671276814	0.21969171096945905	0.19776604621028535	0.2165472788139269	0.12605159413674907	0.0	0.0	0.147338536193376	0.21790830467740727	0.0	0.2436812362050306	0.1461277222381895	0.0	0.0	0.22347037241585224	0.18992614422429524	0.18993328057398629	0.16754574887311713	0.19978397115024
	0.0	0.013278835461674464	0.0	0.020157031753270428	0.038896679348509024	0.0013381060782274874	0.0	0.0	54.00926085221244	54.10449509727944	0.13406555298835185	0.43245744259704544	0.0043748152486497	0.0	0.0	0.001148041438202388	7.019293170771462	0.9123809513750217	0.0050228209550093736	109.193323430401
	0.0	0.0	0.0	0.003947031432301138	0.0	9.055856311119978	0.0	0.0	0.0	0.004755733842668123	0.0	2.501238335284457	1.9155016192916297	0.0	0.0	0.0002675941201253253	0.0025244377468355834	0.0007522131304892815	0.0009170463948469462	0.00137033986677
	0.0	0.49088969182185727	0.7492109383106217	0.09102870646771144	0.34805814172455635	0.7182092170526407	0.7229984128153062	0.0	0.9634247486505119	0.282870731351866	118.86577596190217	0.00925290494514731	174.92301115088713	0.0	0.0	0.0	10.241208260769097	1.1950674481899726	9.30338878593439	0.0
	0.0	0.04600559630424946	0.11719440319433269	0.09812880114462459	0.09147745419276952	0.18205542673235284	0.0	0.0	0.029263649901213884	0.3112492710099858	0.001440936222502279	0.013798076982466215	0.07115943144450242	0.0	0.0	0.1999980116352436	0.20153384375319694	0.1988615219081028	0.20101735261245404	0.03491094726466
	0.0	0.5350352896390926	0.6249282806519437	0.3720872187382342	0.07706909189226098	0.2356159981562772	0.0	0.0	0.2399123786444543	0.23148001207167007	0.6207724593216004	0.5540079976748393	0.2070195478858204	0.0	0.0	0.17277419914305361	0.16916442396845904	0.0	0.0	0.17515711344425
	0.0	218.89804410055086	4.101696263472862	250.7525716101376	1.9985055661929991	0.07894190413929725	0.0	0.0	140.83349529921733	3.773377803935047	70.84793102761043	0.006054289690627416	70.84456334926982	0.0	0.0	90.18364799152042	4.088228313595999	86.7919846602009	0.9478758278840866	0.02283201960812
	0.0	4.519166125447622	4.57736348233729	1.2704626605343006	4.195875092848	5.783840754181938	0.0	0.0	3.82233915058935	1.2866128461689839	1.2906357147771867	0.0	0.0	0.0	0.0	0.0	0.5234439462081082	1.2864819216986854	0.6860095191853859	1.26984151792670
	0.0	0.17556471987194974	0.09460947829286973	5.962740357711871	5.9419967579146125	25.940641488189822	9.769651467886584	0.0	0.18623877042698672	0.09706524118429229	0.0014037113828637125	2.44979228563299	12.627143026547548	0.0	0.0	0.000645611676269306	3.145340101069534	5.560985079223388	0.1742639393242993	0.09561936117395
3	0.0	0.017164480084589772	0.0070172229158167905	0.0006153347664385177	0.005005246824048283	0.057788103762606326	0.0	0.0	0.17066749901480455	0.0035385056172261794	0.01108662022160995	0.004128572617067286	11.783410011400884	0.0	0.0	0.17332061830432274	0.007567038114669523	0.0015920055328118928	0.001315898299387234	0.00434193350627
	0.18972994880003444	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1627337751442939	0.17224621731907544	0.0	54.36512625205676	87.15299249325183	6.507833868460834	0.0	0.13029445552748095	41.64710881371173	91.18202267282433	96.62548826327122	121.823823988448
	0.0	0.048032290863614935	0.0	0.21379330312122438	0.1635650294676184	0.04909114578750397	0.0	0.0	0.046422939608020145	0.005492575104680949	0.005919487424908024	0.013829937352227194	0.001710401575528857	0.0	0.0	0.009750920295937288	0.04848942658513848	0.012243743436455371	0.00854925648693023	0.00461424866094
	0.0	0.1744261208525351	0.09415534969436641	0.03108700554755002	0.09220529117210546	0.0005842713482861544	0.12404977434062683	0.0	0.0021386922550152058	0.12405037750151246	0.05907054417302696	0.3689311713746946	0.35425753513626596	0.22531758208013652	0.0	7.38775959903969	0.0010263091343231407	0.1376530589580376	0.34934879158495513	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02705317028594085	0.003308942977457011	0.0	0.005254574602101314	0.012214617710216908	0.0	0.0	0.008953675271579377	0.006916860241961203	0.00455077195757531	0.01325735937155387	0.00597750472422
	0.0	0.002906936940043768	4.071209193973653	0.0	4.661644147232934	3.9144240340347567	0.45617161067383005	0.0	0.0	4.068751818732414	4.066992805405938	4.065709783077438	4.066467794757204	4.066680708102639	0.0	0.0	0.0	4.065807834751022	0.0	0.0
	0.0	11.167901146956766	15.102953499566492	7.5625847515892115	7.551481580775564	0.000751114403929786	0.0	0.0	0.08976406195051843	0.10917647127356934	0.0	0.06997396773827305	0.16410718921413606	0.0	0.0	0.23314778603082256	0.0014586802094752858	0.0459206621995407	0.0	0.20121393584628