

WorldView-2 Relative Radiometric Response Curves

Wavelength (nm)	PAN	COASTAL	BLUE	GREEN	YELLOW	RED	REDEDGE	NIR1	NIR2
350	0.0000055340663	0.0000019392369	0.0000007501958	0.0000004157080	0.0000003121452	0.0000003122859	0.0000001318734	0.0000003424937	0.0000002751567
351	0.0000058023003	0.0000024672989	0.0000005373133	0.0000003546920	0.0000001961386	0.0000002196034	0.0000001676084	0.0000001716668	0.0000010415235
352	0.0000060735280	0.0000029966029	0.0000003236299	0.0000002928990	0.000000790688	0.0000001269340	0.0000002037771	0.0000000000072	0.0000018173365
353	0.0000063059555	0.0000036665222	0.0000004057486	0.0000002273870	0.0000000866380	0.0000001155963	0.0000001720752	0.0000000115054	0.0000121098530
354	0.0000065497967	0.0000043357254	0.0000004877804	0.0000001619340	0.0000000941983	0.0000001047370	0.0000001404005	0.0000000230509	0.0000223957520
355	0.0000067758568	0.0000032731958	0.0000003042196	0.0000001324940	0.0000000983184	0.0000000694181	0.0000002815920	0.0000000243060	0.0000198740050
356	0.0000058166756	0.0000021825735	0.0000001226395	0.0000001027050	0.0000001024247	0.0000000343102	0.0000004223929	0.0000000255570	0.00000173797040
357	0.0000049322783	0.0000025771297	0.0000001871907	0.0000001363900	0.0000000913000	0.0000000379763	0.0000002873562	0.0000000498495	0.0000636454500
358	0.0000040225446	0.0000029868452	0.0000002526618	0.0000001716710	0.0000000797158	0.0000000417298	0.0000001473922	0.0000000747826	0.0001111394000
359	0.0000031330883	0.0000023823274	0.0000002744594	0.0000001683750	0.0000000639371	0.0000000608455	0.0000001595501	0.0000000803746	0.0000934641060
360	0.0000021846226	0.0000017487975	0.0000002950250	0.0000001647460	0.0000001471887	0.0000000808260	0.0000001708772	0.0000000860169	0.0000748349760
361	0.0000022338414	0.0000024774412	0.0000002037739	0.0000001298120	0.0000000396889	0.0000000542463	0.0000001459834	0.0000000450183	0.0000422792200
362	0.0000022788466	0.0000032736690	0.0000001020693	0.0000000905922	0.0000000313296	0.0000000250995	0.0000001169434	0.0000000000077	0.0000065114404
363	0.0000024374378	0.0000034223526	0.0000001715570	0.0000001088140	0.0000000457899	0.0000000557823	0.0000000942968	0.0000000130812	0.0000038105236
364	0.0000025700448	0.0000035795724	0.0000002518850	0.0000001285610	0.0000000624662	0.000000014647	0.0000000657318	0.0000000285060	0.0000005415348
365	0.0000027439443	0.0000035578522	0.0000002464541	0.0000001502490	0.0000000613263	0.0000000926526	0.0000001129789	0.0000000498190	0.0000004814955
366	0.0000029850187	0.0000034782185	0.0000002362711	0.0000001734130	0.0000000587515	0.0000000923607	0.0000001672600	0.0000000744119	0.0000003983817
367	0.0000032331775	0.0000040695872	0.0000002824502	0.0000001924360	0.0000000912757	0.0000001051914	0.0000001891823	0.0000000865251	0.0000005429484
368	0.0000034791953	0.0000047087881	0.000000328791	0.0000002121010	0.0000001281065	0.0000001188140	0.0000002120889	0.0000000995718	0.0000007057888
369	0.0000038152965	0.0000039299729	0.0000003824189	0.0000002473390	0.0000001078701	0.0000001572137	0.0000002032205	0.0000000799433	0.0000005207577
370	0.0000041254804	0.0000029411250	0.0000004352069	0.0000002849620	0.0000000819229	0.0000002004421	0.0000001895359	0.0000000551852	0.0000002891580
371	0.0000040393792	0.0000044851959	0.0000004451105	0.0000002642150	0.0000000800062	0.0000001625333	0.0000002188180	0.0000000325709	0.0000002186264
372	0.0000038921470	0.0000062195595	0.0000004509035	0.0000002366360	0.0000000768446	0.0000001165932	0.0000002502796	0.0000000598885	0.0000001347352
373	0.0000036414060	0.0000062067779	0.0000004586616	0.0000002779020	0.0000000868949	0.0000001342286	0.0000002343183	0.0000000290699	0.0000001329600
374	0.0000033321415	0.0000061546924	0.0000004645271	0.0000003222730	0.0000000979779	0.0000001530968	0.0000002147162	0.0000000546579	0.0000001301682
375	0.0000029725294	0.0000053716325	0.0000004099995	0.0000002491170	0.0000000844374	0.0000001380369	0.0000001758782	0.0000000287474	0.0000001610458
376	0.0000033498760	0.0000044721360	0.0000003471641	0.0000001666520	0.0000000690752	0.0000001203395	0.0000001321392	0.0000000000219	0.0000001943501
377	0.0000036974603	0.0000048258066	0.0000004262538	0.0000002774840	0.0000000776274	0.0000001520973	0.0000001719266	0.0000000178469	0.0000002430385
378	0.0000040607687	0.0000051841378	0.0000005097272	0.0000003950800	0.0000000861293	0.0000001856523	0.0000002144223	0.0000000368350	0.0000002952569
379	0.0000044898256	0.0000062698025	0.0000004722199	0.0000003860340	0.0000000810386	0.0000001744948	0.0000002386935	0.0000000328276	0.0000002215829
380	0.0000049451956	0.0000074164477	0.0000004308168	0.0000003755680	0.0000000747651	0.0000001623121	0.0000002646980	0.0000000283316	0.0000001410509
381	0.0000046796646	0.0000090190715	0.0000003670056	0.0000002795160	0.0000001712685	0.0000002109376	0.0000002461726	0.0000000146054	0.0000001726125
382	0.0000044011310	0.0000107443380	0.0000002981265	0.0000001774110	0.0000000674583	0.0000000764713	0.0000002257039	0.0000000000275	0.0000002048487
383	0.0000040689366	0.0000162564170	0.0000003445319	0.0000002564970	0.0000000527608	0.0000001198182	0.0000002888989	0.0000000076249	0.0000001827225
384	0.0000037217619	0.0000219659400	0.0000003916734	0.0000003384010	0.0000000376987	0.0000001647227	0.0000003537945	0.0000000155321	0.0000001596525
385	0.0000033574111	0.0000453797300	0.0000005148913	0.0000004253520	0.0000000712291	0.0000002366161	0.0000003401668	0.0000000307146	0.0000002095701
386	0.0000034938928	0.0000695959880	0.0000006421847	0.0000005145170	0.0000001061337	0.0000003114416	0.0000003258761	0.0000000464167	0.0000002601602
387	0.0000036065391	0.0001380611600	0.0000006066655	0.0000004795470	0.0000002232874	0.0000003038719	0.0000003452235	0.0000000458385	0.0000002432805
388	0.0000037262944	0.0002080764400	0.0000005710762	0.0000004436980	0.0000003430123	0.0000002960718	0.0000003654627	0.0000000452380	0.0000002259747
389	0.0000038687036	0.0004180030700	0.0000006466785	0.0000004320370	0.0000004696105	0.0000003263315	0.000000598963	0.0000000746608	0.0000002317216
390	0.0000040140146	0.0006346510300	0.0000007244723	0.0000004191260	0.0000006007648	0.0000003574372	0.0000007604764	0.0000001047776	0.0000002365178
391	0.0000044102886	0.0012577345000	0.0000006283641	0.0000004103280	0.0000056141351	0.0000002563336	0.0000015569081	0.0000000531767	0.0000002363864
392	0.0000048154736	0.0018963521000	0.0000005287426	0.0000004011960	0.0000107518590	0.0000001531485	0.0000023676005	0.0000000000341	0.0000002361882
393	0.0000052064658	0.0049336151000	0.0000005098393	0.0000003641900	0.0000314208740	0.0000001933262	0.0000021410545	0.000000024436	0.0000002591506
394	0.0000055967765	0.0080125881000	0.0000004915455	0.0000003273360	0.0000523112320	0.0000002346172	0.0000019169024	0.000000048896	0.0000002824121
395	0.0000060275364	0.0274284020000	0.0000005830709	0.0000003696580	0.0000273104060	0.0000002511649	0.0000012974895	0.000000082511	0.0000002253456
396	0.0000056516655	0.0473723250000	0.0000006778743	0.0000004130320	0.0000015258187	0.0000002675032	0.0000006663786	0.0000000117094	0.0000001666290
397	0.0000052422809	0.1039993000000	0.0000007180512	0.0000004726120	0.0000008132476	0.0000003420567	0.0000010809996	0.0000000374494	0.0000001895748
398	0.0000048292926	0.1618059800000	0.0000007589478	0.0000005326410	0.0000000880939	0.0000004181246	0.0000015101601	0.0000000637925	0.0000002129716
399	0.0000043943080	0.2580513600000	0.0000017700392	0.0000004884160	0.0000000498798	0.0000003571939	0.0000017645596	0.0000001206391	0.0000002137391
400	0.0000039509726	0.3559883700000	0.0000028048443	0.0000004425990	0.0000000106402	0.0000002951262	0.0000020172172	0.0000001792245	0.0000002144932
401	0.0000038169887	0.4590277500000	0.0000026528370	0.0000004655320	0.0000000448549	0.0000002984159	0.0000014409779	0.0000000900530	0.0000001786629

402	0.0000036815470	0.5630653100000	0.0000024992366	0.0000004879290	0.000000790670	0.0000003011117	0.0000008590113	0.0000000000381	0.0000001413149
403	0.0000035427320	0.6220937000000	0.0000023033997	0.0000004818230	0.000000599316	0.0000003005670	0.00000014173756	0.0000000548724	0.0000001430934
404	0.0000034026062	0.6816187500000	0.0000021156768	0.0000004764020	0.0000000403552	0.0000003000089	0.00000019805653	0.0000001103576	0.0000001448833
405	0.0000032667679	0.7007190400000	0.0000016542450	0.0000004953570	0.0000000313328	0.0000002873796	0.00000016407830	0.0000001043727	0.0000001778401
406	0.0000034507520	0.7200551000000	0.0000011852618	0.0000005153290	0.0000000222320	0.0000002738883	0.00000012953978	0.0000000982816	0.0000002113067
407	0.0000036339465	0.7330553200000	0.0000010740407	0.0000005013540	0.0000000803442	0.00000003373978	0.00000010973991	0.0000000977450	0.0000002239327
408	0.0000038199106	0.7461944100000	0.0000009566516	0.0000004870730	0.0000001388309	0.0000004019794	0.00000008957971	0.0000000964829	0.0000002355448
409	0.0000040058216	0.7557134500000	0.0000017587667	0.0000005042200	0.0000001567279	0.0000004077491	0.00000009400883	0.0000000963835	0.0000003196899
410	0.0000041873293	0.7653071000000	0.0000025667821	0.0000005207670	0.0000001748419	0.0000004135671	0.00000009784033	0.0000000962771	0.0000004048800
411	0.0000045873638	0.7733975800000	0.0000038683688	0.0000004595530	0.0000001880688	0.0000003896474	0.00000010518110	0.0000001386349	0.0000003113248
412	0.0000049824380	0.7815130200000	0.0000051752037	0.0000003980860	0.0000002013476	0.0000003649736	0.00000011255061	0.0000001811634	0.0000002186146
413	0.0000054181191	0.7941704700000	0.0000071340316	0.0000003821890	0.0000001841917	0.0000003547547	0.00000009968623	0.0000001696319	0.0000002129499
414	0.0000058602883	0.8069512900000	0.0000091237908	0.0000003659950	0.0000001667397	0.0000003449979	0.00000008660372	0.0000001578967	0.0000002084198
415	0.00000662917015	0.8170880000000	0.0000134813100	0.0000003590350	0.0000001346754	0.00000006229121	0.00000008772149	0.0000000863102	0.0000001580738
416	0.0000057269991	0.8272974100000	0.0000179266250	0.0000003519880	0.0000001015337	0.00000009050541	0.00000008884737	0.0000000141905	0.0000001071937
417	0.0000051432546	0.8348808300000	0.0000242874380	0.0000004692240	0.0000001623008	0.00000006856580	0.00000016075731	0.0000000503533	0.0000001353009
418	0.0000045563018	0.8424941400000	0.0000307894400	0.0000005862690	0.0000002233926	0.0000004610282	0.0000023372372	0.0000000864883	0.0000001648254
419	0.0000039754065	0.8521048400000	0.0000360115300	0.0000004621920	0.0000002126195	0.0000003732486	0.0000017414799	0.0000000906372	0.0000001185057
420	0.0000033953382	0.8617800100000	0.0000411764100	0.0000003376740	0.0000002024772	0.0000002852531	0.0000011464503	0.0000000940778	0.0000000718437
421	0.0000044614461	0.8703355000000	0.0000454585440	0.0000004273450	0.0000001942142	0.0000003033708	0.0000010893386	0.0000000726131	0.0000001164470
422	0.0000055352128	0.8789354400000	0.0000497708780	0.0000005184880	0.0000001866398	0.0000003216139	0.0000010249564	0.0000000506148	0.0000001612432
423	0.0000066215173	0.8880898600000	0.0000532762610	0.0000004590900	0.000000356004	0.0000002899553	0.0000007411820	0.0000000224214	0.0000001263590
424	0.0000076893946	0.8972988200000	0.0000569207870	0.0000003991600	0.0000004858502	0.0000002580125	0.0000004528448	0.0000000542423	0.0000002706479
425	0.0000088388994	0.9050552200000	0.0000701285580	0.0000003741230	0.0000003332952	0.0000002849319	0.0000007409571	0.0000001021321	0.0000002300803
426	0.0000095094187	0.9128546300000	0.0000833465260	0.0000003488390	0.0000001800678	0.0000003113957	0.0000010366118	0.0000001500839	0.0000001891254
427	0.0000101647980	0.9156650700000	0.0001165842000	0.0000003624380	0.0000002143326	0.0000002862970	0.0000010323033	0.0000001450960	0.0000001724941
428	0.0000108234270	0.9184788400000	0.0001499523800	0.0000003761040	0.0000002487710	0.0000002603638	0.0000010209671	0.0000001400807	0.0000001557752
429	0.0000114442770	0.9228393100000	0.0002432098100	0.0000003481710	0.0000002539220	0.0000002878036	0.0000053349453	0.0000001106299	0.0000001419807
430	0.0000121420770	0.9272080600000	0.0003374186500	0.0000003207950	0.0000002583379	0.0000003148057	0.0000096790401	0.0000000808711	0.0000001276383
431	0.0000271873720	0.9355417000000	0.0005486813400	0.0000003447960	0.0000003221756	0.0000003391657	0.00000378428900	0.0000001555100	0.0000001742440
432	0.0000423091520	0.9439236100000	0.0007620199800	0.0000003690210	0.0000003866345	0.0000003630387	0.00000662846340	0.0000002316687	0.0000002222483
433	0.0000574883820	0.9513918000000	0.0011538332000	0.0000004609400	0.0000003779937	0.0000002891731	0.0000355354090	0.0000002022489	0.0000001727716
434	0.0000727305590	0.9588819600000	0.0015472733000	0.0000005541080	0.0000003693130	0.0000002149955	0.0000046285281	0.0000001727041	0.0000001244387
435	0.0000881089260	0.9650881500000	0.0022771204000	0.0000004615040	0.0000004297473	0.0000001622577	0.0000025078430	0.0000001036082	0.0000001136780
436	0.0001615202600	0.9713168900000	0.0030111925000	0.0000003692280	0.0000004897343	0.0000001092098	0.0000003733075	0.0000000343457	0.0000001028528
437	0.0002352394900	0.9766367400000	0.0046231026000	0.0000003201240	0.0000004312387	0.0000001652962	0.0000003568675	0.0000000729913	0.0000005509584
438	0.0003093107100	0.9819714200000	0.0062427159000	0.0000002707800	0.0000003716594	0.0000002216504	0.0000003403445	0.0000001115827	0.00000010020334
439	0.0003843292900	0.9839500000000	0.0129859200000	0.0000002224220	0.0000006990129	0.0000002502503	0.0000005837785	0.0000008481771	0.0000010938260
440	0.0004599319100	0.9859210700000	0.0197821290000	0.0000001745630	0.0000010289379	0.0000002790703	0.0000008320428	0.0000015986081	0.0000011876965
441	0.0009513026800	0.9866283300000	0.0388909460000	0.0000002253770	0.0000031274701	0.0000001980815	0.0000154819730	0.0000047809440	0.0000006704194
442	0.0014530544000	0.9873011200000	0.0582015720000	0.0000002776180	0.0000052563380	0.0000001154817	0.0000302429740	0.0000080050796	0.0000001476060
443	0.0019446055000	0.9908869700000	0.1054442400000	0.0000003765640	0.0000047500291	0.0000002756994	0.0000175760800	0.0000042347803	0.0000001477775
444	0.0024447126000	0.9944735500000	0.1527956700000	0.0000004748400	0.000004255095	0.000004355447	0.0000049314266	0.0000004524490	0.0000001479483
445	0.0029514707000	0.9972357900000	0.2452001000000	0.0000005338970	0.0000032343847	0.0000003780678	0.0000025881149	0.0000003689306	0.0000002127939
446	0.0239970170000	1.0000000000000	0.3381601100000	0.0000005933040	0.0000022119189	0.0000003202375	0.0000002298400	0.0000002849013	0.0000002780287
447	0.0452037560000	0.9831350200000	0.4479384600000	0.0000004362980	0.0000015305382	0.0000002534297	0.0000002323557	0.0000001570632	0.0000013511879
448	0.0659785900000	0.9660909100000	0.5586803900000	0.000002778810	0.0000008640492	0.0000001860198	0.0000000848869	0.0000000277525	0.00000024366896
449	0.0876515500000	0.9101227200000	0.6296967000000	0.0000004217000	0.0000006930751	0.0000002497424	0.0000002165254	0.0000002043909	0.0000018308953
450	0.1097664000000	0.8539399500000	0.7009700700000	0.0000005660460	0.0000005383929	0.0000003136983	0.0000001980943	0.0000003813486	0.0000012200031
451	0.1736263500000	0.7534618200000	0.7265588700000	0.0000006145570	0.0000004287292	0.0000002937478	0.0000002662991	0.0000003121986	0.0000010068662
452	0.2384438900000	0.6526638100000	0.7522219700000	0.0000006632150	0.0000003187194	0.0000002744908	0.0000003339594	0.0000002419984	0.0000007930554
453	0.3042435600000	0.5233992700000	0.7629870800000	0.0000005462140	0.0000003701736	0.0000002718187	0.0000002374694	0.0000002872565	0.0000008636505
454	0.3698144500000	0.3930513000000	0.7738217500000	0.0000004273050	0.0000004228832	0.0000002698821	0.0000001401746	0.0000003328819	0.0000009348077
455	0.4361629000000	0.2815771100000	0.7782549200000	0.0000004582340	0.0000003929800	0.0000003051730	0.0000001275944	0.0000003271244	0.0000005668461
456	0.4459028900000	0.1694490200000	0.7827031900000	0.0000004884060	0.0000003628970	0.0000003406655	0.0000001149391	0.0000003221722	0.0000001952845

457	0.456487780000	0.110348670000	0.786647910000	0.000005056310	0.000003527148	0.000002472235	0.000001539650	0.000002779162	0.000001685805
458	0.467156470000	0.050694291000	0.790603870000	0.000005230010	0.000003424263	0.000001529033	0.000001925760	0.000002332391	0.000001426444
459	0.477314390000	0.029890841000	0.795293160000	0.000014132000	0.000005333237	0.0000010046285	0.000001870187	0.000002605049	0.000000909739
460	0.487532620000	0.0089461483000	0.8000001900000	0.0000023065600	0.0000007255030	0.0000018675671	0.000001821991	0.000002870935	0.000000389524
461	0.490531980000	0.0052761112000	0.8001337900000	0.0000031092500	0.0000007210228	0.0000030779297	0.000001673605	0.000000318500	0.000000195445
462	0.492742310000	0.0016080123000	0.8002587300000	0.0000039209100	0.0000007165373	0.0000042797909	0.000001517500	0.0000003965731	0.000000001112
463	0.496969810000	0.0010581279000	0.8032153300000	0.0000049316200	0.000005635349	0.0000026027177	0.000001546701	0.0000003714266	0.000001216613
464	0.501218650000	0.0005040380900	0.8061769500000	0.0000059499000	0.0000004084928	0.0000009128318	0.000001568249	0.0000003452177	0.000002442453
465	0.504992190000	0.0003608996300	0.8098593700000	0.0000085116900	0.000005092994	0.0000007957722	0.000001632988	0.0000005219208	0.0000004135053
466	0.507981460000	0.0002174048700	0.8135451800000	0.0000110702000	0.000006094846	0.0000006847299	0.000001690014	0.0000006990548	0.0000005846626
467	0.512529910000	0.0001695998700	0.8185548600000	0.0000121717000	0.000005347059	0.0000006456646	0.000001239371	0.0000006429562	0.0000003010303
468	0.517900020000	0.0001211841100	0.8235850400000	0.0000133785000	0.000004592736	0.0000006062479	0.0000000781672	0.0000005863606	0.000000145320
469	0.521740410000	0.0000962705610	0.8248169200000	0.0000137053000	0.000004465444	0.0000008935565	0.000001136821	0.0000004812458	0.000000114959
470	0.525595580000	0.0000712168480	0.8260451700000	0.0000141306000	0.000004328605	0.0000011760557	0.000001490748	0.0000003755386	0.000000084578
471	0.527003970000	0.0000586236170	0.8275480900000	0.0000144376000	0.000005573025	0.0000020264306	0.0000003256293	0.0000003750933	0.000000042940
472	0.528412030000	0.0000461772380	0.8290488400000	0.0000148422000	0.000006820272	0.0000028707311	0.0000005025882	0.0000003737650	0.000000001118
473	0.530766770000	0.0000298734150	0.8328003400000	0.0000170261000	0.000006743182	0.0000019301552	0.0000005930139	0.0000003863273	0.0000018910392
474	0.533128050000	0.0000136153460	0.8365624200000	0.0000192227000	0.000006656695	0.0000009920999	0.0000006847658	0.0000006990548	0.00000037931481
475	0.535582580000	0.0000115411620	0.8422623300000	0.0000197713000	0.000007059035	0.0000009547061	0.0000007844272	0.0000007364886	0.0000036830919
476	0.533167760000	0.0000094361661	0.8479848900000	0.0000203231000	0.0000007454846	0.0000009251829	0.0000008814575	0.0000010769818	0.0000035723014
477	0.530901690000	0.0000095398202	0.8577818600000	0.0000208847000	0.0000007122700	0.0000009283263	0.0000013956496	0.0000012771211	0.0000019607187
478	0.528615080000	0.0000096440112	0.8676303500000	0.0000215486000	0.000006779202	0.000000679202	0.0000019051723	0.0000014785991	0.000000396785
479	0.525022560000	0.0000073997947	0.8730471200000	0.0000219994000	0.000006931154	0.0000007413260	0.0000013794296	0.0000010421228	0.0000002773593
480	0.522232830000	0.0000051441683	0.8784817100000	0.0000225515000	0.000007074786	0.0000005617062	0.0000008510178	0.0000006079350	0.0000002147224
481	0.523947790000	0.0000081723921	0.8779204000000	0.0000235852000	0.0000007122970	0.0000009048702	0.0000022377336	0.0000005701786	0.0000001375640
482	0.525664740000	0.0000111927740	0.8773506900000	0.0000246222000	0.0000007171265	0.0000012442540	0.00000036291634	0.000000322892	0.000000601414
483	0.528750170000	0.0000111687520	0.8765350400000	0.0000285874000	0.000006356541	0.0000014459404	0.0000079284956	0.0000013592641	0.0000001419034
484	0.531016290000	0.0000111262530	0.8757043400000	0.0000325740000	0.000005537304	0.0000016487076	0.0000122181210	0.0000021898172	0.0000002244205
485	0.533660420000	0.0000109997630	0.8782670000000	0.0000356016000	0.000006979456	0.0000012802370	0.0000138336970	0.0000015955409	0.0000006802498
486	0.532971640000	0.0000108538790	0.8808316200000	0.0000387502000	0.000008431333	0.0000009092276	0.0000153769420	0.0000010063268	0.0000011407488
487	0.529781830000	0.0000108019700	0.8853535800000	0.0000418905000	0.000007096802	0.0000012098694	0.00000103928020	0.0000007137816	0.0000009558666
488	0.527422130000	0.0000107682950	0.8898715200000	0.0000451332000	0.000005770624	0.0000015106722	0.0000054223984	0.0000004238117	0.0000007708727
489	0.524842150000	0.0000099205279	0.8987137700000	0.0000557150000	0.000006531221	0.0000022316964	0.0000046557302	0.0000004482631	0.0000004025069
490	0.523089450000	0.0000090886249	0.9075757900000	0.0000664286000	0.0000007303175	0.0000029464340	0.0000038784586	0.0000004727827	0.0000000319639
491	0.531063820000	0.0000090694031	0.9173973500000	0.0000893647000	0.000006539082	0.0000023614914	0.0000031821144	0.0000003182613	0.0000001628271
492	0.538244180000	0.0000090683575	0.9272754300000	0.0001123830000	0.000005778002	0.0000017633921	0.0000024801432	0.0000006042491	0.0000002952059
493	0.543978830000	0.0000111416740	0.9338434500000	0.0001753090000	0.000005489136	0.0000019652361	0.0000089087512	0.0000005226459	0.0000002173646
494	0.549704280000	0.0000132134890	0.9403979000000	0.0002381900000	0.000005200411	0.0000021669253	0.0000153749620	0.0000004410923	0.0000001376702
495	0.557279570000	0.0000117288780	0.9501915200000	0.0003962910000	0.000003369047	0.0000028837944	0.0000153367540	0.0000003357521	0.0000001353783
496	0.557247320000	0.0000102352010	0.9600305600000	0.0005553320000	0.000001535965	0.0000036049211	0.0000153826220	0.0000002297757	0.0000001330707
497	0.557865460000	0.0000076756550	0.9711881800000	0.0009412040000	0.0000033496041	0.0000026489564	0.0000117972660	0.0000001905657	0.0000000668128
498	0.558474230000	0.0000050945367	0.9824136800000	0.0013302750000	0.000005472393	0.0000016763871	0.0000080879153	0.0000001500854	0.0000000001260
499	0.558356910000	0.0000032049947	0.9911881000000	0.0022085650000	0.0000016125718	0.0000001625718	0.0000046581115	0.0000002332992	0.0000003678795
500	0.558231670000	0.0000013064638	1.0000000000000	0.0030918640000	0.0000001746483	0.0000015397676	0.0000012000030	0.0000003179306	0.0000007362462
501	0.567008830000	0.0000014127470	0.9966127700000	0.0054021690000	0.0000002776288	0.0000020564801	0.0000008659646	0.0000002255406	0.0000009193576
502	0.575786990000	0.0000015171888	0.9932166500000	0.0077137450000	0.0000003806656	0.0000025734709	0.0000005283004	0.0000001330968	0.0000011025663
503	0.586010290000	0.0000012330161	0.9646633800000	0.0144947540000	0.000002462647	0.0000019677643	0.0000025627524	0.000000195532	0.0000005698425
504	0.596282660000	0.0000009453660	0.9359416800000	0.0213128250000	0.0000001120725	0.0000013587078	0.0000046135195	0.0000001660981	0.0000000345121
505	0.605533260000	0.0000008625031	0.8557793800000	0.0405198390000	0.0000002234105	0.0000008290051	0.0000042209118	0.0000002498626	0.0000000265609
506	0.608719590000	0.0000007775696	0.7754576700000	0.0597636010000	0.0000003349617	0.0000002948091	0.0000038361631	0.0000003328360	0.0000000184310
507	0.613995230000	0.0000006728193	0.6546414500000	0.1090170500000	0.0000002624592	0.0000002521951	0.0000022356840	0.0000003748274	0.0000000600363
508	0.618420210000	0.0000005655256	0.5331046100000	0.1585592000000	0.0000001904832	0.0000002093266	0.0000006257455	0.0000004180178	0.0000001020500
509	0.622163190000	0.0000006337654	0.4155809200000	0.2548616600000	0.0000001783614	0.0000002551410	0.0000004135644	0.0000003171945	0.0000001535161
510	0.626791890000	0.0000007022473	0.2976294700000	0.3515103800000	0.0000001671552	0.0000003011192	0.0000002006134	0.0000002160045	0.0000002058257
511	0.621211820000	0.0000008014252	0.2214508900000	0.4625483100000	0.0000001668147	0.0000002785204	0.0000001856033	0.0000003112436	0.0000002743565

512	0.615577100000	0.0000009013272	0.1446986100000	0.5744060900000	0.0000001664682	0.0000002557469	0.0000001704772	0.0000004071878	0.0000003450525
513	0.6086588200000	0.0000008744019	0.1066236000000	0.6376710400000	0.0000001548916	0.0000002169964	0.0000001916135	0.0000002679769	0.0000003932559
514	0.6008495000000	0.0000008493971	0.0685297090000	0.7009618400000	0.0000001433084	0.0000001791082	0.0000002118794	0.0000001286979	0.0000004431393
515	0.5954138400000	0.0000009392401	0.0503684370000	0.7230074200000	0.0000001359349	0.0000002450711	0.0000001278299	0.0000002901241	0.0000008021746
516	0.6023796400000	0.0000010315164	0.0321066020000	0.7451656900000	0.0000001275455	0.00000003113941	0.0000000429627	0.0000004514623	0.0000011631764
517	0.6084974800000	0.0000010875212	0.0228428730000	0.7550655200000	0.0000002290993	0.00000002593870	0.0000000829387	0.0000004043093	0.0000009808735
518	0.6155183600000	0.0000011456196	0.0135550380000	0.7649865600000	0.0000003318907	0.0000002063544	0.0000001231949	0.0000003560564	0.0000007980931
519	0.6230939700000	0.0000010653700	0.0096586799000	0.7721694400000	0.0000002351176	0.0000001990620	0.0000001529904	0.0000003338398	0.0000006246488
520	0.6307120000000	0.0000009845225	0.0057341091000	0.7793890200000	0.0000001386271	0.0000001908174	0.0000001829972	0.0000003114569	0.0000004482596
521	0.6377519100000	0.0000008051658	0.0045137381000	0.7824030900000	0.0000001435120	0.00000002113766	0.0000001481512	0.0000003732748	0.00000003571825
522	0.6447834300000	0.0000006258813	0.0032938656000	0.7854093400000	0.0000001483936	0.0000002319249	0.0000001124269	0.0000004350625	0.0000002661425
523	0.6535216700000	0.0000008641309	0.0026531826000	0.7922124100000	0.0000003388732	0.0000001804199	0.0000001091190	0.0000003622733	0.0000002195033
524	0.6622955400000	0.0000011054934	0.0020094003000	0.7990404900000	0.0000005302638	0.0000001286658	0.0000001057941	0.0000002881445	0.0000001726382
525	0.6715408400000	0.0000008993634	0.0016559537000	0.8068498700000	0.0000003570754	0.0000001144632	0.0000001122598	0.0000001799011	0.0000002170110
526	0.6672510400000	0.0000006905450	0.0013013006000	0.8146804200000	0.0000001823072	0.0000001002117	0.0000001187467	0.0000000715870	0.0000002615326
527	0.6651995100000	0.0000010595939	0.0010878203000	0.8235672400000	0.0000002744797	0.0000000569076	0.0000001173833	0.0000001053457	0.0000001858004
528	0.6622079700000	0.0000014293741	0.0008727252800	0.8325032200000	0.0000003673339	0.0000000135522	0.0000001160072	0.0000001386557	0.00000034560782
529	0.6584771700000	0.0000025220514	0.0007389781100	0.8366263790000	0.0000004377547	0.00000002202099	0.0000001660617	0.0000001258453	0.0000001156685
530	0.6547333800000	0.0000036274695	0.0006048921800	0.8407560400000	0.0000005093500	0.0000002270426	0.0000002162405	0.0000001130022	0.00000087818798
531	0.6615588100000	0.0000025870181	0.0005130025900	0.8411671500000	0.0000003885213	0.0000001368623	0.0000001509221	0.0000000619418	0.00000048229017
532	0.6683895300000	0.0000015592406	0.0004209901500	0.8415741900000	0.0000002685346	0.0000000460156	0.0000000845168	0.0000000106140	0.0000008621606
533	0.6766740300000	0.0000009961121	0.0003620029800	0.8425033100000	0.0000001949297	0.0000000231636	0.0000001268098	0.0000000463904	0.0000005493967
534	0.6849966000000	0.0000004298249	0.0003026832800	0.8434274000000	0.0000001199036	0.00000000000726	0.0000001692461	0.0000000823661	0.0000002366055
535	0.6930980300000	0.0000004005179	0.0002592343600	0.8443048500000	0.0000002020040	0.0000000242045	0.0000001614003	0.0000000467327	0.0000003825968
536	0.6929168600000	0.0000003710657	0.0002155735900	0.8451784400000	0.0000002844981	0.0000000483408	0.0000001525959	0.0000000108260	0.0000005292878
537	0.6921734900000	0.0000004711739	0.0001839656400	0.8462979800000	0.0000002281650	0.0000000243014	0.0000001629677	0.000000163156	0.00000028679363
538	0.6904966800000	0.0000005715991	0.0001522555800	0.8474115950000	0.0000001716506	0.00000000000739	0.0000001733716	0.0000000217211	0.00000052227444
539	0.6893699400000	0.0000004194794	0.0001306497000	0.8488762800000	0.0000001484464	0.0000000330746	0.0000001449366	0.0000000108720	0.00000049494172
540	0.6882372400000	0.0000002690753	0.0001089400300	0.8503352700000	0.0000001241747	0.0000000662187	0.0000001164408	0.00000000000831	0.00000046754881
541	0.6845702000000	0.0000004052910	0.0000954594610	0.8547932800000	0.0000002636907	0.0000000426531	0.0000001132131	0.0000000110308	0.00000024000191
542	0.6808548400000	0.0000005426301	0.0000818641940	0.8592662100000	0.0000000403613	0.0000000189838	0.0000001099555	0.0000000225057	0.0000001071296
543	0.6757245700000	0.0000004278363	0.0000707520840	0.8601794100000	0.0000003183826	0.0000001029413	0.0000001202926	0.0000000377698	0.0000000767526
544	0.6696455200000	0.0000003149329	0.0000596235630	0.8610894800000	0.0000002322782	0.0000001882372	0.0000001306441	0.0000000535115	0.0000000465075
545	0.6649732800000	0.0000003695028	0.0000514226440	0.8635155400000	0.0000003628112	0.0000001418157	0.0000000699069	0.0000001060926	0.0000002985683
546	0.6734713300000	0.0000004264499	0.0000430243170	0.8659446400000	0.00000009430517	0.0000000960852	0.00000001061089	0.0000000085967	0.0000005510024
547	0.6797219100000	0.0000085157020	0.0000490634080	0.8680773500000	0.0000026691420	0.0000000906852	0.0000000130565	0.0000001323341	0.00000015728764
548	0.6869248200000	0.0000166106710	0.0000549625740	0.8702094200000	0.0000048458933	0.0000000852915	0.0000000175805	0.0000001045103	0.00000025911935
549	0.6942284200000	0.0000789881370	0.0000608122340	0.8763794100000	0.0000059263558	0.0000001021374	0.0000000224280	0.0000000576682	0.00000018145577
550	0.7015601400000	0.00001416802300	0.0000666889560	0.8825705000000	0.0000070014619	0.0000001194411	0.0000000272037	0.0000000170783	0.00000010306721
551	0.7034973600000	0.0000725109130	0.0000642783980	0.8890840600000	0.0000068457866	0.0000000763138	0.0000000698077	0.0000000460586	0.0000005670790
552	0.7044808400000	0.0000031047841	0.0000620180750	0.8955926000000	0.0000066900514	0.0000000330867	0.0000001124157	0.0000000814123	0.0000001036129
553	0.7075026200000	0.0000016865244	0.0000626542830	0.9058483200000	0.0000057809898	0.0000000415512	0.0000001345372	0.0000000768546	0.0000000908605
554	0.7105328600000	0.000002536159	0.0000632934060	0.9161524100000	0.0000048769730	0.0000000500649	0.0000001558368	0.0000000722690	0.0000000782114
555	0.7135764200000	0.0000003065028	0.0000606576720	0.9244690300000	0.0000043711018	0.0000000759332	0.0000001551330	0.0000000995149	0.0000001500239
556	0.7118352300000	0.0000003595561	0.0000578609340	0.9328067300000	0.0000038740947	0.0000001023616	0.0000001544260	0.0000001269518	0.0000002213441
557	0.7105119600000	0.0000003030369	0.0000588236100	0.9390456700000	0.0000045603284	0.0000001943623	0.0000001516929	0.0000001449090	0.0000001568713
558	0.7091830500000	0.0000002464221	0.0000599401240	0.9452904600000	0.0000052582001	0.0000002865153	0.0000001479996	0.0000001639462	0.0000000913890
559	0.7090092500000	0.0000003826771	0.0000612414210	0.9537656600000	0.0000045393716	0.0000002029641	0.0000002530421	0.0000001276505	0.0000001199665
560	0.7097855400000	0.0000005199685	0.0000625513490	0.9622848600000	0.0000038255289	0.0000001178023	0.0000003588845	0.0000000912854	0.0000001487604
561	0.7216321600000	0.0000005208415	0.0000580379600	0.9683492700000	0.0000057426199	0.0000000769902	0.0000010697873	0.0000000457193	0.0000000900611
562	0.7325439700000	0.0000005217142	0.0000535090700	0.9744282200000	0.0000076631129	0.0000000363313	0.0000017859665	0.0000000000850	0.0000000313464
563	0.7443010200000	0.0000004542337	0.0000562124360	0.9787747100000	0.000145879280	0.0000000947932	0.0000022623018	0.0000000429897	0.0000000157326
564	0.7551152600000	0.0000003865538	0.0000587687300	0.9831286000000	0.0000216471520	0.0000001535222	0.0000027303321	0.0000000858914	0.0000000001660
565	0.7657524900000	0.0000002694116	0.0000586835350	0.9857263900000	0.0000266906460	0.0000000863856	0.0000020841030	0.0000000748973	0.0000000001660
566	0.7637310900000	0.0000001507062	0.0000587528720	0.9883255100000	0.0000317459520	0.0000000190896	0.0000014460384	0.0000000637699	0.0000000001660

567	0.763085600000	0.0000002576557	0.0000520876360	0.9926134700000	0.0000488873720	0.0000000492348	0.0000010220751	0.0000000706036	0.0000000001658
568	0.7624258500000	0.0000003639512	0.0000455376510	0.9969136600000	0.0000661309730	0.0000000796581	0.0000006053174	0.0000000775848	0.0000000001655
569	0.7601299500000	0.0000002148928	0.0000474495010	0.9984578300000	0.0000966443380	0.0000001519992	0.0000007533835	0.0000000388255	0.0000000042981
570	0.7578266000000	0.0000000651482	0.0000493643850	1.0000000000000	0.0001271198100	0.0000002237757	0.0000009026762	0.0000000000936	0.0000000084558
571	0.7590750600000	0.0000000326278	0.0000474115500	0.9976642500000	0.0001966856100	0.0000001592605	0.0000012440817	0.0000000000939	0.0000000043088
572	0.7593370800000	0.0000000001775	0.0000452952760	0.9953150200000	0.0002664794600	0.0000000937440	0.0000015993603	0.0000000000941	0.0000000001606
573	0.7589870600000	0.0000000001763	0.0000376470070	0.9907916400000	0.0004225022700	0.0000001123507	0.0000024059631	0.0000000746877	0.0000000001591
574	0.7586329800000	0.0000000001750	0.0000299857590	0.9862561500000	0.0005787844100	0.0000001311852	0.0000032139054	0.0000001492838	0.0000000001575
575	0.7598178000000	0.0000002067638	0.0000310164080	0.9791207100000	0.0008950242000	0.0000001325506	0.0000031146985	0.0000000749644	0.0000000001565
576	0.7679542200000	0.00000004142755	0.0000320525850	0.9719320700000	0.0012130677000	0.0000001339221	0.0000030148833	0.0000000000933	0.0000000001554
577	0.7759621500000	0.0000011783430	0.0000305542460	0.9292194200000	0.0018863112000	0.0000002307564	0.0000030625021	0.0000000000930	0.0000000899954
578	0.7840040800000	0.0000019464421	0.0000288889150	0.8862706100000	0.0025630980000	0.0000003281008	0.0000031202770	0.0000000000926	0.0000001802786
579	0.7885519600000	0.0000018314260	0.0000231615310	0.7750955900000	0.0042219591000	0.0000002671165	0.0000038037927	0.0000000000919	0.0000000723769
580	0.7940855000000	0.0000017143355	0.0000174404650	0.6640404300000	0.0640027071955	0.0000002071955	0.0000044864979	0.0000000000912	0.0000012648242
581	0.7958804000000	0.0000011103633	0.0000174798860	0.5102937500000	0.0107923150000	0.0000002715603	0.0000055710570	0.0000000128110	0.0000006573172
582	0.7966746600000	0.0000005014511	0.0000175193400	0.3558474800000	0.0157278640000	0.0000003362140	0.0000066604745	0.0000000256799	0.0000000485630
583	0.7991956400000	0.0000002515189	0.0000174150070	0.2470244900000	0.0373865930000	0.0000003995138	0.0000067415648	0.0000000128806	0.0000001423736
584	0.8017205900000	0.0000000001886	0.0000171494760	0.1375085300000	0.0591819400000	0.0000004632084	0.0000068230673	0.0000000000899	0.0000002367762
585	0.8007147600000	0.0000000978272	0.0000143447030	0.0929241330000	0.1346523500000	0.0000005115449	0.0000060504752	0.0000000295975	0.0000002936035
586	0.8037380800000	0.0000001956538	0.0000115238150	0.0483391610000	0.2101220300000	0.0000005598784	0.0000052778471	0.0000000590844	0.0000003523233
587	0.8084685900000	0.0000001367971	0.0000111123420	0.0329734510000	0.3292550700000	0.0000005789402	0.0000051144027	0.0000000665969	0.0000002242697
588	0.8142325200000	0.000000077641	0.0000106979060	0.0175035970000	0.0491856100000	0.0000005991344	0.0000049396681	0.0000000742700	0.0000000951583
589	0.8172713100000	0.0000003008043	0.0000117466200	0.0115331070000	0.5563707000000	0.0000007146974	0.0000060204849	0.0000000695997	0.0000001590408
590	0.8192900600000	0.0000005258429	0.0000127791070	0.0055626880000	0.6635501100000	0.0000008292398	0.0000070911406	0.0000000650404	0.0000002231116
591	0.8195740200000	0.0000014773758	0.0000111994720	0.0041885380000	0.7491538000000	0.0000008143108	0.0000088527058	0.0000000326275	0.0000003781730
592	0.8208729200000	0.0000024363925	0.0000096147614	0.0028100030000	0.8350252400000	0.0000008003470	0.0000106400830	0.0000000000930	0.0000005337247
593	0.8207559100000	0.0000032893898	0.0000087665070	0.8207143406000	0.8613715800000	0.0000009132155	0.0000119705740	0.0000000000941	0.0000005343115
594	0.8206350400000	0.0000041442467	0.0000079163504	0.0014753340000	0.8877720100000	0.0000010293855	0.0000134054930	0.0000000000951	0.0000005348973
595	0.8230295600000	0.0000044933396	0.0000086227628	0.0011294050000	0.8998058300000	0.0000013185961	0.0000137501680	0.0000000000965	0.0000006133696
596	0.8264541500000	0.0000048444135	0.0000093331897	0.0007814410000	0.9118983600000	0.0000016197301	0.0000140966790	0.0000000000978	0.0000006922923
597	0.8283375800000	0.0000034735448	0.0000092285177	0.0005995870000	0.9173122700000	0.0000065985116	0.0000154405980	0.0000000000990	0.0000003455394
598	0.8312501300000	0.0000021088569	0.0000091072391	0.0004173540000	0.9227334300000	0.0000116081090	0.0000166848690	0.0000000001003	0.0000000001876
599	0.8350537300000	0.0000015450059	0.0000085962367	0.0003204530000	0.9276747600000	0.0000120590880	0.0000203350820	0.0000001034308	0.0000002888846
600	0.8388688100000	0.0000009773663	0.0000080652214	0.0002228990000	0.9326336200000	0.0000126162870	0.0000240093160	0.0000002075502	0.0000005777470
601	0.8421194500000	0.0000013458130	0.0000081653727	0.0001714660000	0.9354738400000	0.0000186173710	0.0000286511980	0.0000000739288	0.0000005350422
602	0.8464029300000	0.0000017143769	0.0000082655165	0.0001200140000	0.9383103000000	0.0000246203800	0.0000332944970	0.0000000001045	0.0000004942663
603	0.8514228000000	0.0000015974575	0.0000088121902	0.0000944465000	0.9420513000000	0.0000290303410	0.0000355389590	0.0000000001052	0.0000004661241
604	0.8564583200000	0.0000014777145	0.0000093447143	0.0000686371000	0.9458014600000	0.0000334599250	0.0000376896950	0.0000000001059	0.0000004378513
605	0.8608020800000	0.0000012587204	0.0000089661967	0.0000539405000	0.9470258600000	0.0000409502640	0.0000374904970	0.0000000078082	0.0000005141925
606	0.8588969200000	0.0000010396289	0.0000085874780	0.0000392375000	0.9482461600000	0.0000484435210	0.0000372910350	0.0000000155056	0.0000005886075
607	0.8586728100000	0.0000012464557	0.0000079166159	0.0000302114000	0.9510420900000	0.0000630573640	0.0000389855060	0.0000001103545	0.0000005950402
608	0.8574016700000	0.0000014536709	0.0000072444451	0.0000211681000	0.9538394300000	0.0000776987480	0.0000406830410	0.0000002056118	0.0000005995234
609	0.8584575700000	0.0000018588338	0.0000076776593	0.0000140203000	0.9601150300000	0.0001002327400	0.0000472330910	0.0000001029434	0.0000008883130
610	0.8584624400000	0.0000022682670	0.0000081295854	0.0000068500600	0.9664124300000	0.0001229119000	0.0000538148250	0.0000000001060	0.0000011694887
611	0.8613348000000	0.0000025128381	0.0000087311412	0.0000053419500	0.9727337800000	0.0001715381600	0.0000645894300	0.0000000752313	0.0000008799646
612	0.8642129800000	0.0000027722905	0.0000093351867	0.0000038274000	0.9790747600000	0.0002203696300	0.0000754093090	0.0000001510121	0.0000005872274
613	0.8661811000000	0.0000034037899	0.0000089037150	0.0000032243800	0.9838630300000	0.0000316961940	0.0000834540680	0.0000000415529	0.0000008415529
614	0.8692084800000	0.0000040381388	0.0000084702037	0.0000026058100	0.9886649900000	0.0004139917900	0.0000916400100	0.0000000005582	0.0000003753930
615	0.8702853100000	0.0000060805515	0.0000073779808	0.0000017116900	0.9897228200000	0.0006280919200	0.0000883803950	0.0000000003312	0.0000002860201
616	0.8724151000000	0.0000080998041	0.0000062856763	0.0000008073200	0.9907755100000	0.0008421982600	0.0000851201900	0.0000000001039	0.0000001970394
617	0.8760906800000	0.0000104160110	0.0000068693381	0.0000004530090	0.9920628400000	0.0013795786000	0.0000789478310	0.0000000761045	0.0000002129117
618	0.8797742500000	0.0000127404250	0.0000074550433	0.0000000983268	0.9933489800000	0.0019188701000	0.0000728585700	0.0000001522478	0.0000002272447
619	0.8850505400000	0.0000114165130	0.0000077094034	0.0000009598980	0.9966709900000	0.0033896410000	0.0000816044720	0.0000000764208	0.0000003796388
620	0.8892777900000	0.0000100862220	0.0000079818486	0.0000018290200	1.0000000000000	0.0048673569000	0.0000903911330	0.0000000001031	0.0000005347550
621	0.8924804900000	0.0000080034869	0.0000072192828	0.0000015070200	0.9986561000000	0.0099348903000	0.0001221993700	0.0000000001030	0.0000005427687

622	0.894612280000	0.0000059441050	0.0000064566769	0.0000011940200	0.9973070100000	0.0150023910000	0.0001540240500	0.0000000001030	0.0000005527824
623	0.8983369600000	0.0000051748684	0.0000056804555	0.0000021651900	0.9414290000000	0.0305192360000	0.0001946985200	0.0000000074193	0.0000005511021
624	0.9020624200000	0.0000044281421	0.0000049033050	0.0000031207200	0.8854819900000	0.0460540860000	0.0002354197300	0.0000000147304	0.0000005494177
625	0.9092531100000	0.0000038593366	0.0000055383894	0.0000061912200	0.7594334700000	0.0955568620000	0.0001847658000	0.0000000074563	0.0000006323984
626	0.9143262800000	0.0000032853994	0.0000061617943	0.0000092756100	0.6322506300000	0.1455114800000	0.0001336585300	0.0000000001050	0.0000007181151
627	0.9131403700000	0.0000032103222	0.0000061538022	0.0000088218400	0.5017400100000	0.2448265600000	0.0000078977076	0.0000000797410	0.0000009939560
628	0.9130201500000	0.0000031353999	0.0000061286817	0.0000083691400	0.3715628000000	0.3438800100000	0.0000244743830	0.0000001588028	0.0000012690662
629	0.9154513000000	0.0000029039602	0.0000051632578	0.0000118122000	0.2531189200000	0.4697898000000	0.0000166972560	0.0000000797549	0.0000011820443
630	0.9178853100000	0.0000026718196	0.0000041949433	0.0000152263000	0.1343222100000	0.5960711700000	0.0000087897701	0.0000000001075	0.0000010947584
631	0.9160113900000	0.0000029871390	0.0000037597617	0.0000143535000	0.0860689560000	0.7004634200000	0.0000068356052	0.0000000001085	0.0000007223160
632	0.9152006800000	0.0000033278789	0.0000033050043	0.0000136067000	0.0375573450000	0.8054050600000	0.0000048601649	0.0000000001096	0.0000003499132
633	0.9132408400000	0.0000029075622	0.0000036760390	0.0000184956000	0.0241476890000	0.8391734900000	0.0000040949007	0.0000000001107	0.0000002998326
634	0.9123500900000	0.0000024850246	0.0000040489698	0.0000234098000	0.0106678860000	0.8731092800000	0.0000033256054	0.0000000001117	0.0000002474429
635	0.9107618900000	0.0000024896115	0.0000041431195	0.0000256929000	0.0003852410000	0.8727761700000	0.0000026914412	0.0000000001128	0.0000003626301
636	0.9135333600000	0.0000024942004	0.0000042549592	0.0000279842000	0.0040904314000	0.8724366200000	0.0000020440467	0.0000000001137	0.0000004782404
637	0.9158317200000	0.0000025424791	0.0000039775746	0.0000310241000	0.0028547416000	0.8810359000000	0.0000016528372	0.0000000935926	0.0000005255134
638	0.9181264500000	0.0000025907579	0.0000037001046	0.0000340645000	0.0016187386000	0.8896332300000	0.0000012615255	0.0000001867286	0.0000005727955
639	0.9220521700000	0.0000026437230	0.0000032371851	0.0000316156000	0.0011555485000	0.9087472900000	0.0000011658482	0.00000000937806	0.0000003291058
640	0.9248895000000	0.0000026968722	0.0000027724951	0.0000291571000	0.0006905996200	0.9279280600000	0.0000010708936	0.0000000001162	0.0000000832561
641	0.9299807300000	0.0000027230075	0.0000031584957	0.0000285160000	0.0005071172000	0.9405508500000	0.0000008717827	0.0000000476155	0.0000003444127
642	0.9339769900000	0.0000027491723	0.0000035625306	0.0000280065000	0.0003233561000	0.9531892400000	0.0000006723683	0.0000000950621	0.0000006067877
643	0.9396821500000	0.0000025839657	0.0000039522347	0.0000260519000	0.0002605190000	0.9582013000000	0.0000006382730	0.000000064277179	0.0000006427701
644	0.9453991100000	0.0000024182866	0.0000043254972	0.0000240916000	0.0001702056200	0.9632226000000	0.0000006040798	0.0000000001172	0.0000006809199
645	0.9507913900000	0.0000024963138	0.0000038435929	0.0000241446000	0.0001575939900	0.9650424500000	0.0000013844187	0.0000000990442	0.0000006907144
646	0.9484531300000	0.0000025503760	0.0000033595383	0.0000241977000	0.0001449256500	0.9668629200000	0.0000021692825	0.0000001987659	0.0000007026256
647	0.9454876200000	0.0000022320899	0.0000032766567	0.0000174064000	0.0001126003500	0.9670192800000	0.00000025917285	0.000000079115694	0.0000007911569
648	0.9425084000000	0.0000019150492	0.0000031935028	0.0000107550000	0.0000800491330	0.9671714900000	0.0000030044244	0.0000004328032	0.0000008820437
649	0.9397174400000	0.0000020673016	0.0000036763351	0.0000054944400	0.0000622751350	0.9663839500000	0.0000040166319	0.0000004688827	0.0000010569715
650	0.9369114800000	0.0000022176332	0.0000041608457	0.0000002139730	0.0000443161870	0.9655883200000	0.0000050323780	0.0000005050866	0.0000012346014
651	0.9347133600000	0.0000020465474	0.0000046744616	0.0000015207400	0.0003491690300	0.9619254100000	0.0000055978686	0.0000004636209	0.0000014229761
652	0.9325107800000	0.0000018729968	0.0000052057932	0.0000000903047	0.0000255168990	0.9582578200000	0.00000061633670	0.0000004209305	0.0000016134480
653	0.9321109700000	0.0000017713293	0.0000056595644	0.0000001138110	0.0000206738350	0.9572937100000	0.0000066752948	0.0000005061094	0.0000022645249
654	0.9305851400000	0.0000016667959	0.0000061150838	0.0000001378140	0.0000159341660	0.9563196800000	0.0000072003218	0.0000005916200	0.0000028992393
655	0.9294172800000	0.0000017399861	0.0000056594073	0.0000001974900	0.0000128847250	0.9544996300000	0.0000080999418	0.0000005972065	0.0000023557157
656	0.9338485400000	0.0000018133381	0.0000051848430	0.0000002586570	0.0000098404998	0.9546740600000	0.0000090127556	0.00000000028037	0.0000017835572
657	0.9371739500000	0.0000018034237	0.0000055053330	0.0000002031260	0.0000082430826	0.9534466400000	0.0000100385570	0.0000005634943	0.0000012528616
658	0.9393736400000	0.0000017935015	0.0000058257693	0.0000001475980	0.0000066580467	0.9522147800000	0.0000110642210	0.0000005241857	0.0000007200997
659	0.9452918300000	0.0000017884952	0.0000079137954	0.0000002023090	0.0000058261847	0.9540085400000	0.0000112955170	0.0000006019241	0.0000006333786
660	0.9512316800000	0.0000017809684	0.0000100130610	0.0000002573150	0.0000049773950	0.9558014700000	0.0000115503710	0.0000006813117	0.0000005461800
661	0.9547274400000	0.0000019315076	0.0000129084050	0.0000003525460	0.0000042643083	0.9598489700000	0.0000113677150	0.0000006330249	0.0000011601170
662	0.9593647600000	0.0000020806230	0.0000158428300	0.0000004484710	0.0000035458888	0.9639066400000	0.0000111382970	0.0000005843699	0.0000017785468
663	0.9606592200000	0.0000020809352	0.0000166050180	0.0000005067560	0.0000030523331	0.9665996800000	0.0000117641570	0.0000007968114	0.0000012940691
664	0.9619532100000	0.0000020812397	0.0000173691930	0.0000055651960	0.0000025574332	0.9692960100000	0.0000123463500	0.0000010982229	0.0000008104172
665	0.9627809900000	0.0000024102624	0.0000175444620	0.0000006777410	0.0000021575280	0.9703578800000	0.0000117762040	0.0000010082509	0.0000004980641
666	0.9590520800000	0.0000027465478	0.0000177195170	0.0000007888350	0.0000017703379	0.9714135200000	0.0000111384450	0.0000010054283	0.0000001863388
667	0.9576413900000	0.0000028774072	0.0000202933070	0.0000007739620	0.0000015366747	0.9747973100000	0.0000107080520	0.0000008814370	0.0000000935788
668	0.9573605300000	0.0000030338684	0.0000226961760	0.0000007576410	0.0000013145406	0.9781884700000	0.0000102644120	0.000000565686	0.0000000002146
669	0.9556184200000	0.0000037174027	0.0000292843170	0.0000008737250	0.0000010710484	0.9828516700000	0.0000107608030	0.0000009174281	0.0000001410178
670	0.9538649600000	0.0000043781706	0.0000358955800	0.0000009902140	0.0000008304591	0.9875260100000	0.0000112588900	0.0000010797543	0.0000002821026
671	0.9539522900000	0.0000060394088	0.0000415479270	0.0000008878120	0.0000008946151	0.9914812100000	0.0000096855850	0.0000009279204	0.0000002476700
672	0.9540356300000	0.0000076757526	0.0000472011100	0.0000007840020	0.0000009587801	0.9954329700000	0.0000081233674	0.0000002140917	0.00000002140917
673	0.9554682100000	0.0000108499660	0.0000441161690	0.0000007191150	0.0000009439834	0.9977176600000	0.0000087534941	0.0000008792902	0.0000001447814
674	0.9557507400000	0.0000140260280	0.0000410292280	0.0000006555720	0.0000009279172	1.0000000000000	0.0000093953793	0.0000009838397	0.0000000754293
675	0.9573758400000	0.0000171524530	0.0000343404900	0.0000006205900	0.0000008186608	0.9990848600000	0.0000082106349	0.0000009351671	0.0000002828010
676	0.9613040700000	0.0000202641570	0.0000274458540	0.0000005854850	0.0000007102903	0.9981614700000	0.0000070218188	0.0000008850634	0.0000004908766

677	0.9658667600000	0.0000176524260	0.0000251260090	0.000008489240	0.000007056335	0.9941341200000	0.0000082438683	0.000009376885	0.000005288759
678	0.9704427300000	0.0000150282880	0.0000226112330	0.0000011149900	0.000007022163	0.9900794900000	0.0000094600755	0.000009905528	0.000005670491
679	0.9740856500000	0.0000113883030	0.0000233784680	0.0000011067200	0.000008085256	0.9868930800000	0.0000095882492	0.000009982489	0.000006679004
680	0.9777346000000	0.0000077637780	0.0000243320400	0.0000010970200	0.000009151222	0.9836939700000	0.0000097051944	0.0000010059619	0.000007690247
681	0.9711536900000	0.0000060351867	0.0000254479480	0.000008493660	0.000007425549	0.9852117100000	0.0000108518850	0.0000090775755	0.000004925419
682	0.9645643000000	0.0000043307084	0.0000265646340	0.0000060011440	0.000005698511	0.9867272100000	0.0000120109770	0.000009355584	0.000002164969
683	0.9581006800000	0.0000040830414	0.0000243932150	0.000006503160	0.000005135021	0.9698948800000	0.0000186262170	0.000008009355	0.000001085457
684	0.9527743500000	0.0000038600556	0.0000223992410	0.000007006900	0.000004569545	0.9529989700000	0.0000252643470	0.000006645649	0.000000002159
685	0.9492168900000	0.0000043615234	0.0000195078720	0.000009277570	0.000008313948	0.8852795400000	0.0000327999640	0.000008974089	0.000002327488
686	0.9514807500000	0.0000048665458	0.0000165391790	0.000001564600	0.0000012072520	0.8170506800000	0.0000402729170	0.0000011332107	0.0000004671832
687	0.9484651800000	0.0000044202281	0.0000144413990	0.0000011315800	0.000009752213	0.6939246100000	0.0000659428390	0.0000011746130	0.000004926705
688	0.9454447700000	0.0000039755682	0.0000123515220	0.0000011067900	0.000007440755	0.5712650400000	0.000091518240	0.0000012171136	0.000005158551
689	0.9493902000000	0.0000037907975	0.0000124744390	0.0000011425900	0.0000066837244	0.4323075600000	0.0001491420700	0.0000012533007	0.000006731400
690	0.9533382000000	0.0000036038452	0.0000125793280	0.0000011787200	0.000006239815	0.2918230200000	0.0002073420300	0.0000012898213	0.000008320989
691	0.9494788000000	0.0000038216711	0.0000134073230	0.0000011654300	0.000008097008	0.1958751400000	0.0003650527400	0.0000011364315	0.000004773508
692	0.9456086200000	0.0000040375452	0.0000142465760	0.0000011521800	0.000009938756	0.1006951900000	0.0005214687900	0.000009842291	0.0000001276551
693	0.9477043700000	0.0000043869898	0.0000139408050	0.0000011433900	0.000007241480	0.0658142740000	0.0009967100200	0.000009889219	0.0000003268675
694	0.9509773600000	0.0000047387750	0.0000136514160	0.000001359300	0.000004525394	0.0306906130000	0.0014752244000	0.0000009923373	0.0000005274536
695	0.9521929300000	0.0000066116515	0.0000119790330	0.000008933550	0.000005178490	0.0204412280000	0.0031275264000	0.000009250365	0.000004083005
696	0.9557738200000	0.0000084892903	0.0000103211310	0.000006501520	0.000005833235	0.0101655670000	0.0047840388000	0.000008575604	0.000002888413
697	0.9598371600000	0.0000151808980	0.0000092019536	0.000007739310	0.000006292853	0.0071515948000	0.0141338140000	0.0000016501206	0.0000003253674
698	0.9651019500000	0.0000218864950	0.0000080759086	0.000008984460	0.00000678196	0.0041193675000	0.0023539726000	0.0000024500397	0.0000003621092
699	0.9673507600000	0.0000241032160	0.0000078289759	0.000009745020	0.000008188536	0.0030164021000	0.0615802980000	0.0000020848574	0.0000002436083
700	0.9695945800000	0.0000263714380	0.0000075820759	0.0000010505300	0.000009680448	0.0019137283000	0.0996101010000	0.0000017197663	0.0000001271502
701	0.9748466900000	0.0000199583960	0.0000080210174	0.0000010755100	0.000007278465	0.0014326502000	0.1944792300000	0.0000022550774	0.0000002139620
702	0.9801010400000	0.0000135649510	0.0000084793041	0.0000010990700	0.000004933056	0.0009510828700	0.2894435600000	0.0000028039639	0.0000003019792
703	0.9878352500000	0.0000111543340	0.0000091961724	0.0000010664600	0.000006066321	0.0007354084700	0.4042260300000	0.0000042331351	0.0000001709822
704	0.9943968400000	0.0000087087206	0.0000099345747	0.0000010322900	0.000007190547	0.0005189512800	0.5194207900000	0.0000056674441	0.0000004040093
705	1.0000000000000	0.0000080858243	0.0000100948400	0.0000010418100	0.000008651489	0.0004035891300	0.6229078400000	0.0000048075380	0.000000874008
706	0.9984264000000	0.0000074618791	0.0000102363110	0.0000010513400	0.0000010101687	0.0002880360400	0.7265631700000	0.0000039593135	0.0000001344694
707	0.9960890100000	0.0000075674083	0.0000094187051	0.000009689680	0.000009013319	0.0002318344800	0.8113755400000	0.0000055990888	0.0000003058341
708	0.9925502300000	0.0000076729201	0.0000086009729	0.000008865800	0.000007937917	0.0001756270100	0.8961941500000	0.0000071590195	0.0000004767668
709	0.9932816300000	0.0000081189052	0.0000078263980	0.0000099807840	0.000007607605	0.0001388027400	0.9244110400000	0.0000061951345	0.0000004827840
710	0.9940027700000	0.0000085411437	0.0000070468114	0.0000010770200	0.000007288295	0.0001017810000	0.9527923800000	0.0000052250659	0.0000004888320
711	0.9886185500000	0.0000090229623	0.0000073771195	0.0000010136400	0.000009869354	0.00000835481930	0.9640686300000	0.0000057465592	0.0000005774672
712	0.9832244300000	0.0000095053774	0.0000076886591	0.000009516290	0.0000012453722	0.0000652915570	0.9753565900000	0.0000044655473	0.0000006639492
713	0.9787243600000	0.0000097589492	0.0000085072714	0.000009239290	0.0000010407613	0.0000485024990	0.9814881100000	0.0000041285059	0.0000007171907
714	0.9754160100000	0.0000100398330	0.0000093284128	0.000008946760	0.000008355041	0.0000315397340	0.9876344900000	0.0000037903892	0.0000007705960
715	0.9695626800000	0.0000121937120	0.0000108885730	0.000009884390	0.000009139360	0.0000271949700	0.9876335900000	0.0000039237201	0.0000007139129
716	0.9685463900000	0.0000143749900	0.0000124493280	0.0000010807700	0.000009923965	0.0000229692450	0.9876293000000	0.0000040570915	0.0000006572044
717	0.9679484500000	0.0000243052440	0.0000130511620	0.0000011179800	0.000008945767	0.0000184100770	0.9885610300000	0.0000043038516	0.0000008156514
718	0.9685579600000	0.0000341394970	0.0000136551940	0.0000011553200	0.000007950507	0.0000139549350	0.9894905900000	0.0000045382102	0.0000009746919
719	0.9684792100000	0.0000659559600	0.0000130137810	0.0000011258100	0.000009919810	0.0000140928200	0.9916949600000	0.0000047567288	0.0000009369864
720	0.9683970200000	0.0000975796010	0.0000123901760	0.0000010947600	0.0000011880358	0.0000142309820	0.9939011700000	0.0000049757446	0.0000008969011
721	0.9710146500000	0.0001041459000	0.0000120396950	0.0000011037100	0.0000011429626	0.0000162004490	0.9969481900000	0.0000055573658	0.0000006644815
722	0.9736359500000	0.0001107307400	0.0000117075700	0.0000011141500	0.0000010977548	0.0000180535530	1.0000000000000	0.0000061406438	0.0000004313883
723	0.9737112400000	0.0000764181610	0.0000121939020	0.0000010050300	0.0000011272939	0.0000156150910	0.9997151400000	0.0000057932557	0.0000006746700
724	0.9750048100000	0.0000418319710	0.0000126802620	0.000008958850	0.0000011581723	0.0000131762040	0.9994266000000	0.0000054591744	0.0000009156910
725	0.9788549700000	0.0000333405770	0.0000148561850	0.0000010492500	0.0000015036363	0.0000133340090	0.9992798400000	0.0000066008461	0.0000010401170
726	0.9765732700000	0.0000248569870	0.0000170436700	0.0000012034200	0.0000018442147	0.0000134925200	0.9991214200000	0.0000077620503	0.0000011652022
727	0.9700861700000	0.0000241438280	0.0000206609780	0.0000012651800	0.0000014783583	0.0000140829730	0.9926495900000	0.0000100192590	0.0000009974564
728	0.9636070100000	0.0000234326590	0.0000241300420	0.0000013267100	0.000001163535	0.0000147935800	0.9861853400000	0.0000122555940	0.0000008279420
729	0.9643043100000	0.0000266437320	0.0000275631180	0.0000011321700	0.0000011537853	0.0000140012100	0.9865138600000	0.0000142779830	0.0000007739538
730	0.9637409400000	0.0000298289700	0.0000310265850	0.0000099343290	0.0000011915207	0.0000132011620	0.9868131900000	0.0000162371530	0.0000007194483
731	0.9586497900000	0.0000349758140	0.0000321998090	0.0000010774500	0.0000010722021	0.0000131991120	0.9838409400000	0.0000211050210	0.0000006845300

732	0.953556200000	0.0000401208910	0.0000331762180	0.0000012190200	0.0000009542701	0.0000131970070	0.9808654700000	0.0000261065350	0.000006496198
733	0.9509479800000	0.0000483721520	0.0000320770430	0.0000010425300	0.0000011492967	0.0000117828710	0.9810581000000	0.0000307811140	0.0000007907636
734	0.9483182900000	0.0000566635740	0.0000311694430	0.0000008651600	0.0000013452725	0.0000103740640	0.9812427600000	0.0000354784150	0.0000009302632
735	0.9466538800000	0.0000668886620	0.0000310396910	0.0000008309810	0.0000012827717	0.0000105705800	0.9771158700000	0.0000440019600	0.0000008808868
736	0.9487153400000	0.0000771578710	0.0000311072840	0.0000007966480	0.0000012199890	0.0000107554280	0.9729638600000	0.0000526988950	0.0000008312886
737	0.9468545400000	0.0001275250100	0.0000330237400	0.0000008041040	0.0000012803167	0.0000076407574	0.9537621600000	0.000006458622300	0.0000010399940
738	0.9449851900000	0.0001776919700	0.0000349321080	0.0000008115160	0.0000013417465	0.0000045258056	0.9346199800000	0.0000764257310	0.0000012478613
739	0.9489580300000	0.0002996461700	0.0000400336240	0.0000009188650	0.0000011888712	0.0000037977369	0.8907063300000	0.0000912224540	0.0000009041112
740	0.9529381600000	0.0004226514600	0.0000453759880	0.0000010270900	0.0000010360488	0.0000030509323	0.8463985600000	0.0001061411900	0.0000005574432
741	0.9539202800000	0.0003679665600	0.0000521278230	0.0000011432400	0.0000009465845	0.0000035500800	0.7569426000000	0.0001276349800	0.0000007571557
742	0.9536459800000	0.0003133111800	0.0000588755670	0.0000012608300	0.0000008557955	0.0000040489266	0.6675342000000	0.0001491611600	0.0000009567508
743	0.9558712400000	0.0001993392100	0.0000633159550	0.0000010653900	0.0000010186664	0.0000028021125	0.5641399500000	0.0001814607600	0.0000009294888
744	0.9580982200000	0.0000850462200	0.0000677652080	0.0000008710520	0.0000011832405	0.0000015402261	0.4605332500000	0.0002138270500	0.0000008998129
745	0.9625825400000	0.0000652584100	0.0000652789870	0.0000008477340	0.0000011294087	0.0000015474350	0.3597622940000	0.0002562293200	0.0000010483844
746	0.9658096400000	0.0000452829240	0.0000627672030	0.0000008241670	0.0000010750333	0.0000015546578	0.2580359200000	0.0002990213700	0.0000011983115
747	0.9633655400000	0.0000427865270	0.0000557310720	0.0000009404620	0.0000010765182	0.0000014283926	0.1785592000000	0.0003745069600	0.0000010652626
748	0.9609177600000	0.0000400116810	0.0000488947130	0.0000010552400	0.0000010779998	0.0000013021001	0.0990676970000	0.0004500061300	0.0000009321863
749	0.9587795400000	0.0000489232620	0.0000450901910	0.0000010847500	0.0000010451318	0.0000012646943	0.0648200900000	0.0005814678900	0.0000010824466
750	0.9566368800000	0.0000578420080	0.0000414838040	0.0000011127400	0.0000010108454	0.0000012310500	0.0305442400000	0.0007130357400	0.0000012328270
751	0.9552500100000	0.0001023163700	0.0000411851410	0.0000013058400	0.0000008922991	0.0000008549128	0.0195198890000	0.0009472917400	0.0000010045082
752	0.9538469100000	0.0001470152800	0.0000406821690	0.0000014983600	0.0000007731430	0.0000004768599	0.0084394477000	0.0011827279000	0.0000007750221
753	0.9469156900000	0.0003821857500	0.0000432294780	0.0000011668900	0.0000008649676	0.0000008959792	0.0057440366000	0.0001616095500	0.0000009692890
754	0.9412645600000	0.0006164650100	0.0000457661990	0.0000008382140	0.0000009550316	0.0000003166726	0.0030589948000	0.0020477548000	0.0000011627861
755	0.9409624200000	0.0007111949500	0.0000509964050	0.0000010551400	0.0000008609268	0.0000005810409	0.0021584838000	0.0028857055000	0.0000008035989
756	0.9406378000000	0.0008066182700	0.0000560615210	0.0000012736700	0.0000007675000	0.0000008473745	0.0012511886000	0.0037298643000	0.0000004417074
757	0.9372732700000	0.0005632117900	0.0000612537710	0.0000010641500	0.0000008040128	0.0000010714252	0.0000904153870	0.0052102885000	0.0000005050643
758	0.9351738000000	0.0003188924400	0.0000662612070	0.0000008538390	0.0000008406577	0.0000012937455	0.0005558183700	0.0066962171000	0.0000005662456
759	0.9305247300000	0.0002039431700	0.0000653894240	0.0000009707750	0.0000008034161	0.0000021501228	0.0004127245300	0.0096941262000	0.0000007053930
760	0.9245963500000	0.0000893762150	0.0000645186720	0.0000010859500	0.0000007662329	0.0000030050073	0.0002698745400	0.0126867940000	0.0000008467005
761	0.9246821800000	0.0000622055820	0.0000587030810	0.0000010751700	0.0000007968810	0.0000034704773	0.0002019675700	0.0177066360000	0.0000007347325
762	0.9247646200000	0.0000352361610	0.0000526659110	0.0000010627900	0.0000008262092	0.0000039373115	0.0001338587800	0.0227412660000	0.0000006224301
763	0.9219938200000	0.0000257590370	0.0000457154250	0.0000012425000	0.0000009118676	0.0000060136631	0.0001037467300	0.0324643370000	0.0000007597773
764	0.9205042800000	0.0000163141740	0.0000387678250	0.0000014221200	0.0000009960775	0.0000080890720	0.0000735773220	0.0425468960000	0.0000008994721
765	0.9216843300000	0.0000131371750	0.0000353937410	0.0000014103800	0.0000007829164	0.0000095118193	0.0000553309040	0.0588598800000	0.0000008559426
766	0.9267329400000	0.0000099429930	0.0000031796040	0.0000010041200	0.0000005686033	0.0000109549800	0.0000368575860	0.0752597390000	0.0000008145948
767	0.9317181500000	0.0000087353411	0.0000306017840	0.0000012862800	0.0000006939027	0.0000085422045	0.0000282869950	0.1071392400000	0.0000006917774
768	0.9354185500000	0.0000075247732	0.0000294045740	0.0000011721600	0.0000008194995	0.0000061107076	0.0000196958150	0.1390946600000	0.0000005710942
769	0.9374823100000	0.0000067259445	0.0000308267340	0.0000014354900	0.0000007099308	0.0000064171789	0.0000146671170	0.1996839100000	0.0000005100545
770	0.9408309800000	0.0000059563387	0.0000320417340	0.0000017016300	0.0000006004810	0.0000067103668	0.0000095668288	0.2602041200000	0.0000004515079
771	0.9489936000000	0.0000060486178	0.0000353303320	0.0000024340600	0.0000005441981	0.0000080351458	0.0000083040564	0.3564910800000	0.0000007642879
772	0.9585057600000	0.0000061129412	0.0000386558190	0.0000031592200	0.0000004872175	0.0000093751426	0.0000070388685	0.4538972300000	0.0000010782699
773	0.9574490600000	0.0000057751008	0.0000414065950	0.0000037765800	0.0000004639433	0.0000084938425	0.0000068305203	0.5596515000000	0.0000011475546
774	0.9563596200000	0.0000054111205	0.0000439283130	0.0000043890600	0.0000004408275	0.0000076189260	0.0000066234756	0.6645724400000	0.0000012382228
775	0.9638321500000	0.0000069557362	0.0000443590180	0.0000039544900	0.0000005374004	0.0000068502339	0.0000052945856	0.7599671600000	0.0000010313623
776	0.9647862400000	0.0000085445579	0.0000445839190	0.0000035311600	0.0000006349343	0.0000060865182	0.0000039519437	0.8563014100000	0.0000008445388
777	0.9603604500000	0.0000103370710	0.0000410771770	0.0000029953300	0.0000006167848	0.0000052663768	0.0000035114808	0.9124557700000	0.0000005963631
778	0.9559246500000	0.0000121614290	0.0000375643580	0.0000024585800	0.0000005986029	0.0000044482520	0.0000030833237	0.9687034000000	0.0000003502296
779	0.9479479400000	0.0000157473090	0.0000337110370	0.0000019137800	0.0000006270188	0.0000049550474	0.0000036998072	0.9823068100000	0.0000004795708
780	0.9412968000000	0.0000193408230	0.0000298789270	0.0000013673200	0.0000006552545	0.0000054622054	0.0000043126502	0.9958053900000	0.0000006081563
781	0.9358687100000	0.0000241643910	0.0000274980460	0.0000012001800	0.0000003863867	0.0000038217498	0.0000039124861	0.9979066500000	0.0000006868994
782	0.9290582900000	0.0000291702060	0.0000250975130	0.0000010316700	0.0000001143575	0.0000021812680	0.0000035221300	1.0000000000000	0.0000007687247
783	0.9194608600000	0.0000369526770	0.0000244598120	0.0000009486150	0.0000002926209	0.0000022066225	0.0000045545990	0.9952433800000	0.0000009561791
784	0.9098672000000	0.0000447284120	0.0000238225340	0.0000008656220	0.0000004711648	0.0000022319452	0.0000055861762	0.9904860900000	0.0000011434709
785	0.9030003100000	0.0000552599590	0.0000245128820	0.0000007548060	0.0000003943785	0.0000015005997	0.0000050760177	0.9889073300000	0.0000009285404
786	0.9000536400000	0.0000655556700	0.0000252065670	0.0000006450040	0.0000003171894	0.0000007654414	0.0000045631589	0.9873103900000	0.0000007124844

787	0.8972788500000	0.0000925008540	0.0000280157070	0.000006516180	0.000004967273	0.000005823098	0.0000066331769	0.9845063100000	0.000007568060
788	0.8944778400000	0.0001198881400	0.0000308402980	0.000006598660	0.000006787247	0.000003994696	0.0000087147468	0.9816748200000	0.000008013676
789	0.8908244200000	0.0001829448500	0.0000355538360	0.000004729040	0.000004946738	0.0000013096792	0.0000085323115	0.9773150300000	0.0000010129621
790	0.8871524600000	0.0002462365200	0.0000404968430	0.000002852390	0.0000003099315	0.0000022246197	0.0000083491468	0.9729335800000	0.0000012253430
791	0.8966320100000	0.0002618924900	0.0000452358240	0.000004551980	0.0000003558375	0.0000014010180	0.0000090941614	0.9676752200000	0.0000008031819
792	0.9074772800000	0.0002775989000	0.0000497775030	0.0000006273320	0.0000004018924	0.0000005867232	0.0000098549091	0.9623952200000	0.0000003771113
793	0.9135678300000	0.0002139870100	0.0000515824720	0.0000007453950	0.0000004273865	0.0000007348505	0.0000090100921	0.9542296000000	0.0002277942400
794	0.9209492500000	0.0001503490300	0.0000531670490	0.0000008629430	0.0000004542252	0.0000008823357	0.0000081819656	0.9460819000000	0.0004541989500
795	0.9294016500000	0.0001161825800	0.0000514977340	0.0000007715530	0.0000005611191	0.0000006098160	0.0000064479516	0.9411389100000	0.0004534174300
796	0.8551469700000	0.0000819823990	0.0000498266600	0.0000006800720	0.0000006695784	0.0000003383601	0.0000047122239	0.9361888000000	0.0004526340400
797	0.7811971900000	0.0000733952060	0.0000463463460	0.0000009776040	0.0000006523205	0.0000007146021	0.0000049112159	0.9333427200000	0.0004873150300
798	0.7068413800000	0.0000647610520	0.0000430599880	0.0000012751000	0.0000006349628	0.0000010928592	0.0000051245698	0.9304712300000	0.0005221772000
799	0.6303500400000	0.0000930145460	0.0000511571510	0.0000011194900	0.0000120232790	0.0000074593642	0.0000025888119	0.9249276600000	0.0006508759300
800	0.5538665300000	0.0001215584800	0.0000594662360	0.0000009622790	0.0000233671310	0.0000137928810	0.0000000671178	0.9193871500000	0.0007795558300
801	0.4606923100000	0.0001190907600	0.0000567818660	0.0000019631900	0.0000186927740	0.0000142162610	0.0000001563571	0.9155394000000	0.0009258631900
802	0.3672320300000	0.0001169103500	0.0000543028720	0.0000029736400	0.0000139893430	0.0000147751970	0.0000002462695	0.9116816900000	0.0010726107000
803	0.2732603800000	0.0001326498700	0.0000543407370	0.0000022114600	0.0000178492180	0.0000133069490	0.0000003616257	0.9064776200000	0.0010195812000
804	0.1791571700000	0.0001487066500	0.0000545926160	0.0000014335700	0.0000216996670	0.0000118769780	0.0000004771417	0.9012641800000	0.0009664754300
805	0.0858164150000	0.0001605064200	0.0000609035740	0.0000009306990	0.0000189267660	0.0000134059940	0.0000003168401	0.8976002000000	0.0009763044300
806	0.0721746130000	0.0001726418400	0.0000670207040	0.0000004244990	0.0000162925510	0.0000149805890	0.0000001573417	0.8939197600000	0.0009861646100
807	0.0583645890000	0.0001881475200	0.0000739080610	0.0000002491220	0.0000196456490	0.0000158820380	0.0000002293361	0.8860464900000	0.0010710735000
808	0.0444938870000	0.0002035641500	0.0000807560990	0.0000007501950	0.0000229800060	0.0000167781880	0.0000003009329	0.8781942200000	0.0011549412000
809	0.0308652240000	0.0001836984100	0.0000826860850	0.0000000376102	0.0000171334620	0.0000137276690	0.0000002548017	0.8747067000000	0.0011122159000
810	0.0172983210000	0.0001637242200	0.0000848403120	0.0000000001009	0.0000112553960	0.0000106066740	0.0000002097652	0.8711910700000	0.0010686967000
811	0.0152023840000	0.0001426951000	0.0000873695070	0.0000000001007	0.0000119145980	0.0000115477120	0.0000002674076	0.8693269000000	0.0010680505000
812	0.0131012230000	0.0001217762800	0.0000899182250	0.0000000001005	0.0000125102690	0.0000125102690	0.0000003255476	0.8674197900000	0.0010673660000
813	0.0109192330000	0.0001119148500	0.0000955234610	0.0000000000997	0.0000153485380	0.0000123289230	0.0000002746550	0.8586884200000	0.0011143971000
814	0.0087481765000	0.0001021014300	0.0001008822700	0.0000000000988	0.0000181330500	0.0000121346850	0.0000002226674	0.8499824900000	0.0011611622000
815	0.0065998064000	0.0000927975890	0.0000949843400	0.0000000000982	0.0000188607590	0.0000108121410	0.0000001672010	0.8442838500000	0.0010955178000
816	0.0057006748000	0.0000883805620	0.0000888802780	0.0000000000977	0.0000197355400	0.0000094781784	0.0000001129024	0.8385891800000	0.0010299742000
817	0.0048097005000	0.0000811079710	0.0000833514690	0.0000000000977	0.0000199513720	0.0000082893155	0.0000001446483	0.8372015700000	0.001049572202000
818	0.0039262250000	0.0000783905750	0.0000775669840	0.0000000000977	0.0000200189220	0.0000071058476	0.0000001763360	0.8357897600000	0.0011649034000
819	0.0030258474000	0.0000757242800	0.0000674570930	0.0000000000977	0.0000198053210	0.0000079841793	0.0000001948075	0.8369204600000	0.0011298525000
820	0.0021313448000	0.0000730326820	0.0000570392370	0.0000000000978	0.0000194385980	0.0000088835998	0.0000002134329	0.8380361300000	0.0010944676000
821	0.0018905840000	0.0000645111630	0.0000532957850	0.0000000215043	0.0000126728010	0.0000083642458	0.0000001716328	0.8403056800000	0.0010987003000
822	0.0016619080000	0.0000559272450	0.0000495244250	0.0000000431624	0.0000058126974	0.0000078410006	0.0000001289782	0.8425748200000	0.0011029416000
823	0.0014093940000	0.0000691428000	0.0000522661360	0.0000000215319	0.0000139609950	0.0000102238190	0.0000001292335	0.8398029200000	0.0010752980000
824	0.0011662808000	0.0000819939720	0.0000549943000	0.0000000000976	0.0000220566130	0.0000125955330	0.0000001294850	0.8370277500000	0.0010477604000
825	0.0009222267500	0.0000715963890	0.0000509718050	0.0000000349174	0.0000182516230	0.0000078755378	0.0000000971011	0.8356571800000	0.0010415693000
826	0.0008410862300	0.0000612301040	0.0000467427280	0.0000000695605	0.0000143075710	0.0000031837560	0.0000000649528	0.8342812600000	0.0010353828000
827	0.0007612159500	0.0000664638190	0.0000441921670	0.0000004356560	0.0000124599410	0.0000039173312	0.0000002205076	0.8339746100000	0.0011052553000
828	0.0006824658100	0.0000720165840	0.0000416332660	0.0000008027540	0.0000106063510	0.0000046394691	0.0000003758730	0.8336634900000	0.0011753467000
829	0.0006062732300	0.0000708026880	0.0000490620910	0.0000093954000	0.0000099353910	0.0000076922671	0.0000002822454	0.8381213700000	0.0011514522000
830	0.0005286955800	0.0000698666700	0.0000566120950	0.0000051160000	0.0000092669077	0.0000107824570	0.0000001869752	0.8425482900000	0.0011269976000
831	0.0005123197500	0.0000721951020	0.0000600668640	0.0000049036300	0.0000114433200	0.0000072542089	0.0000002284119	0.8376654800000	0.0011391444000
832	0.0004973945200	0.0000745138720	0.0000637300230	0.0000047088500	0.0000136268100	0.0000037249886	0.0000002696917	0.8327888400000	0.0011512301000
833	0.0004820493100	0.0000696110350	0.0000643993600	0.0000036119800	0.0000134131160	0.0000053017428	0.0000001918520	0.8287656900000	0.0011899166000
834	0.0004667013000	0.0000650142070	0.0000650685830	0.0000025318800	0.0000132146770	0.0000068646806	0.0000001133092	0.8247398500000	0.0012286008000
835	0.0004496621200	0.0000592741550	0.0000635004580	0.0000017825800	0.0000106333410	0.0000069783088	0.0000001648335	0.8186035300000	0.0011509375000
836	0.0004396662800	0.0000538786900	0.0000619414550	0.0000010354100	0.0000080707077	0.0000070908214	0.0000002152798	0.8124805300000	0.0010738043000
837	0.0004344487700	0.0000496675870	0.0000637193390	0.0000006817410	0.0000102413570	0.0000067233839	0.0000001187001	0.8153948600000	0.0011615931000
838	0.0004291175500	0.0000450826210	0.0000652935780	0.0000003229160	0.0000124423720	0.0000063500561	0.0000000207182	0.8182788500000	0.0012505411000
839	0.0004190530700	0.0000482922400	0.0000670464070	0.0000002962750	0.0000121947120	0.0000062695812	0.0000001812826	0.8124894400000	0.0013028266000
840	0.0004090487500	0.0000511686290	0.0000685609940	0.0000002681420	0.0000119484530	0.0000062034051	0.0000003403207	0.8067106200000	0.0013546559000
841	0.0004099622600	0.0000457606800	0.0000653800010	0.0000002467620	0.0000091704476	0.0000059083045	0.0000003336128	0.8107467500000	0.0013296242000

842	0.0004094108800	0.0000405592680	0.0000621313470	0.000002249560	0.0000063403686	0.0000056069499	0.0000003267335	0.8147379100000	0.0013039433000
843	0.0004048531000	0.0000369707500	0.0000701935500	0.000005454840	0.0000089042332	0.0000072229569	0.0000002450730	0.8067817200000	0.0012964074000
844	0.0003989045600	0.0000337201050	0.0000781842320	0.000008632770	0.0000114460060	0.0000088390359	0.0000001640904	0.7988534900000	0.0012888720000
845	0.0003964454400	0.0000287345860	0.0000780310640	0.0000007720310	0.0000119820740	0.0000084244387	0.0000002063523	0.7941612400000	0.0014918107000
846	0.0004052778800	0.0000235849800	0.0000781018690	0.0000006806180	0.0000125345640	0.0000080090688	0.0000002486905	0.7894568640000	0.0016951148000
847	0.0004152636900	0.0000266906800	0.0000783453530	0.0000004009630	0.0000126150050	0.0000072353024	0.0000003260464	0.7830771900000	0.0020523147000
848	0.0004252533800	0.0000297668150	0.0000785887720	0.0000001223660	0.0000127109390	0.0000064752516	0.0000004048448	0.7766908300000	0.0024096855000
849	0.0004358728000	0.0000360285600	0.0000766963360	0.0000001299220	0.0000149034100	0.0000045925628	0.0000004210126	0.7720116000000	0.0033674379000
850	0.0004465259200	0.0000423111560	0.0000747972090	0.0000001375030	0.0000170876370	0.0000027035361	0.0000004386432	0.7673132300000	0.0043283890000
851	0.0004281452900	0.0000359738060	0.0000662493680	0.0000001723970	0.0000148652760	0.0000047690067	0.0000002502554	0.7591117900000	0.0063775717000
852	0.0004112774300	0.0000294903730	0.0000579779660	0.0000002075730	0.0000126257890	0.0000068351962	0.000000639045	0.7509394100000	0.0084134639000
853	0.0003953442500	0.0000273626380	0.0000534079040	0.0000044175000	0.0000101501960	0.0000061752451	0.0000002669229	0.7482637500000	0.0127536720000
854	0.0003793291800	0.0000252241970	0.0000490398510	0.0000086344100	0.0000076468326	0.0000055119943	0.0000004717817	0.7455681700000	0.0171150980000
855	0.0003612572200	0.0000276262080	0.0000448557110	0.0000086085000	0.0000067114985	0.0000063409126	0.0000008017289	0.7392711500000	0.0305956780000
856	0.0003460976000	0.0000300130140	0.0000404718670	0.0000085825100	0.0000057815987	0.0000071646725	0.0000011310705	0.7329913800000	0.0439943850000
857	0.0003356937100	0.0000308750280	0.0000391100610	0.0000060139400	0.0000076536024	0.0000067608429	0.0000008845575	0.7368318700000	0.0862618840000
858	0.0003249865500	0.0000318755870	0.0000374810700	0.0000033872800	0.0000095810637	0.0000063322525	0.0000006338340	0.7405962300000	0.1294446500000
859	0.0003115494300	0.0000319723420	0.0000348439980	0.0000025438200	0.0000092624105	0.0000057033639	0.0000012471188	0.7373855300000	0.2213179300000
860	0.0002980263000	0.0000320692360	0.0000324203480	0.000016951900	0.0000089258373	0.0000050561285	0.0000018713092	0.7341449700000	0.3137462400000
861	0.0002996043700	0.0000301903430	0.0000302182930	0.0000095003000	0.0000081607215	0.0000062134277	0.0000024077364	0.7249001400000	0.4213649300000
862	0.0002997191800	0.0000284522450	0.0000280339660	0.0000002130750	0.0000073861702	0.0000073602753	0.0000029393433	0.7156990300000	0.5280197600000
863	0.0002523599000	0.0000246842600	0.0000248388950	0.0000001531110	0.0000062536109	0.0000068292915	0.0000049503841	0.7079614500000	0.6151783000000
864	0.0003053508700	0.0000164865850	0.0000215081340	0.0000000931669	0.0000051214196	0.0000063127827	0.0000069607209	0.7002364700000	0.7034448800000
865	0.0003085370000	0.0000155049160	0.0000201874090	0.0000001144240	0.0000044396936	0.0000091561582	0.0000087792970	0.6971412100000	0.7892694400000
866	0.0003015929900	0.0000145111760	0.0000188504790	0.0000001359190	0.0000037499296	0.0000120460300	0.0000106181920	0.6939725800000	0.8760324600000
867	0.0002908652500	0.0000160386210	0.0000208829960	0.0000012079100	0.0000055503072	0.0000112274080	0.0000110146840	0.6849569100000	0.9264428300000
868	0.0002816199300	0.0000175597530	0.0000229071210	0.0000022679400	0.0000073276205	0.0000103974470	0.0000113950650	0.6759667000000	0.9766388600000
869	0.0002708155400	0.0000163450460	0.0000221845540	0.0000017575100	0.0000061091375	0.0000085296875	0.0000114088970	0.6672860300000	0.9819154100000
870	0.0002614974700	0.0000151677460	0.0000214423750	0.0000012583300	0.0000048967699	0.0000066569727	0.0000114224090	0.6586353700000	0.9871435800000
871	0.0002588893900	0.0000158712480	0.0000218601390	0.0000014413700	0.0000051669233	0.0000076253157	0.0000097999343	0.6565260700000	0.9900410300000
872	0.0002562274200	0.0000166148390	0.0000222586690	0.0000016267300	0.0000054402707	0.0000086204574	0.0000081407437	0.6543398100000	0.9929029600000
873	0.0002509807400	0.0000179578050	0.0000249017130	0.0000016946500	0.0000061843931	0.0000071707102	0.0000071596336	0.6452213000000	0.9904517500000
874	0.0002457619200	0.0000193224780	0.0000275713540	0.0000017637900	0.0000069230951	0.0000057308476	0.0000061851318	0.6361438800000	0.9879828600000
875	0.0002422662100	0.0000182754520	0.0000269757430	0.0000009831030	0.0000060092652	0.0000041429061	0.0000047199670	0.6324706500000	0.9933626000000
876	0.0002547547000	0.0000172207780	0.0000263754680	0.000001969530	0.0000050729954	0.000005292752	0.0000032444942	0.6287507000000	0.9987611000000
877	0.0002679987100	0.0000165906010	0.0000321766530	0.0000001882600	0.0000049480010	0.0000037232101	0.0000039128526	0.6228613800000	0.9993812000000
878	0.0002812562700	0.0000159917050	0.0000379839330	0.0000001777980	0.0000048388340	0.0000049184050	0.0000045964125	0.6169554100000	1.0000000000000
879	0.0002933945700	0.0000161780900	0.0000366542460	0.0000059421800	0.0000033751390	0.0000067483826	0.0000075086420	0.6130456200000	0.9983505500000
880	0.0003070334900	0.0000163329300	0.0000350876750	0.0000117095000	0.0000019226530	0.0000085989306	0.0000104158400	0.6091204200000	0.9966914800000
881	0.0003012267300	0.0000207960650	0.0000330009030	0.0000104393000	0.0000030926929	0.0000075196255	0.0000095443195	0.6046027900000	0.9909619600000
882	0.0002968801600	0.0000252603710	0.0000309134840	0.0000091511300	0.0000042470190	0.0000064400080	0.0000086870896	0.6000825300000	0.9852286000000
883	0.0002931333100	0.0000170165190	0.0000307482420	0.0000098085500	0.0000035977948	0.0000060004210	0.0000082102883	0.5979007000000	0.9814259800000
884	0.0002878990600	0.0000087686543	0.0000303486040	0.0000104510000	0.0000029296030	0.0000055441972	0.0000077313386	0.5957050000000	0.9775996400000
885	0.0002837030600	0.0000168083200	0.0000296702780	0.0000112401000	0.0000036083440	0.0000072362959	0.0000076054496	0.5909136900000	0.9708557500000
886	0.0002750871000	0.0000248598900	0.0000289908860	0.0000120303000	0.0000042880857	0.0000089308931	0.0000074647220	0.5861141000000	0.9640999300000
887	0.0002660439600	0.0000170974190	0.0000282664580	0.0000101029000	0.0000033664667	0.0000070743177	0.0000074440186	0.5727696000000	0.9562708900000
888	0.0002570140700	0.0000093475265	0.0000277764660	0.0000081786100	0.00000463333	0.0000052060686	0.0000074233066	0.5594436300000	0.9484491700000
889	0.0002479698700	0.0000096286026	0.0000247189070	0.0000085963400	0.0000028621040	0.0000045418898	0.0000081609151	0.5332550700000	0.9407302000000
890	0.0002374751600	0.0000099090897	0.0000215038420	0.0000090309400	0.0000032770763	0.0000038789282	0.0000089116727	0.5071122500000	0.9330196900000
891	0.0002423611800	0.0000098323837	0.0000223409810	0.0000090491700	0.0000030422446	0.0000049134508	0.0000099527036	0.4674575700000	0.9286772500000
892	0.0002457936400	0.0000097230052	0.0000231579730	0.0000090852000	0.0000059374261	0.0000059374261	0.0000110125230	0.4276398300000	0.9243115600000
893	0.0002508669600	0.0000094246971	0.0000209907890	0.0000078969200	0.0000031857668	0.0000050099819	0.0000124950770	0.3779575500000	0.9204398200000
894	0.0002559643700	0.0000091247210	0.0000187884680	0.0000067023100	0.0000035508369	0.0000040628313	0.0000139853020	0.3280099000000	0.9165381000000
895	0.0002589968200	0.0000092247496	0.0000192407000	0.0000076874900	0.0000031139441	0.0000048028877	0.0000153145610	0.2751743700000	0.9109219400000
896	0.0002635108600	0.0000093248159	0.0000196931480	0.0000086553300	0.0000026605753	0.0000055581344	0.0000167918360	0.2223084600000	0.9053007700000

897	0.0002684005800	0.0000137665500	0.0000182649190	0.0000073800900	0.0000039975433	0.0000051972628	0.0000182953780	0.1792625900000	0.9016168000000
898	0.0002718201600	0.0000181905000	0.0000168318280	0.0000061184900	0.0000053226942	0.0000048351601	0.0000198038760	0.1360717600000	0.8979165600000
899	0.0002771381000	0.0000185742580	0.0000176657990	0.0000068935300	0.0000046208611	0.0000052668292	0.0000185313960	0.1050359100000	0.8950301200000
900	0.0002824850900	0.0000189273320	0.0000184809590	0.0000076733000	0.0000039145769	0.0000057160391	0.0000173994060	0.0738047160000	0.8921122600000
901	0.0002735479700	0.0000192247140	0.0000178415890	0.0000069880000	0.0000041115856	0.0000054330848	0.0000169551680	0.0556861130000	0.8866116700000
902	0.0002661032200	0.0000194893090	0.0000171782770	0.0000063025300	0.0000051649832	0.0000051649832	0.0000165107940	0.0375633600000	0.8811077600000
903	0.0002572040300	0.0000194618390	0.0000175632520	0.0000076048600	0.0000042770372	0.0000050320148	0.0000177056190	0.0280105480000	0.8760221500000
904	0.0002497952300	0.0000194343150	0.0000179484030	0.0000089259500	0.0000042618114	0.0000049138994	0.0000187522360	0.0184524530000	0.8709320000000
905	0.0002408186600	0.0000168079240	0.0000180908970	0.0000060168400	0.0000038683829	0.0000042417521	0.0000183056100	0.0138147320000	0.8646452600000
906	0.0002438076700	0.0000141815390	0.0000182333430	0.0000030896900	0.0000034913434	0.0000035696066	0.0000177101220	0.0091770630000	0.8583565200000
907	0.0002469751300	0.0000149143730	0.0000185556030	0.0000046830500	0.0000037234741	0.0000041550549	0.0000183184720	0.0066541154000	0.8531383700000
908	0.0002501466500	0.0000156482230	0.0000188782870	0.0000062605700	0.0000039395141	0.0000047413298	0.0000190766900	0.0041275583000	0.8479111900000
909	0.0002540718000	0.0000150787670	0.0000183502580	0.0000061927500	0.0000036080046	0.0000043534188	0.0000185483930	0.0033788795000	0.8446254100000
910	0.0002580204000	0.0000145048060	0.0000178419390	0.0000061243100	0.0000032739823	0.0000039776316	0.0000180158200	0.0026246272000	0.8412947400000
911	0.0002647424400	0.0000129156120	0.0000182970620	0.0000067067400	0.0000030669765	0.0000038520187	0.0000188152660	0.0022781207000	0.8364255500000
912	0.0002714967500	0.0000113513060	0.0000187543660	0.0000072738100	0.0000028422410	0.0000037408581	0.0000196186800	0.0019297899000	0.8315196700000
913	0.0002755847400	0.0000110664380	0.0000185545030	0.0000066214300	0.0000028374818	0.0000032205205	0.0000183805470	0.0016874721000	0.8229946700000
914	0.0002811674400	0.0000107823970	0.0000183550940	0.0000059711700	0.0000028161397	0.0000027018908	0.0000171463530	0.0014459460000	0.8144886300000
915	0.0002875763000	0.0000095004766	0.0000183541900	0.0000062163900	0.0000024713768	0.0000034911955	0.0000156620160	0.0013063323000	0.8081800500000
916	0.0002849077300	0.0000081820354	0.0000183773170	0.0000064622100	0.0000021257371	0.0000042824816	0.0000142945190	0.0011663611000	0.8018532700000
917	0.0002840016100	0.0000076663191	0.0000175720230	0.0000065678300	0.0000020970218	0.0000040945450	0.0000144310320	0.0010774551000	0.7966302700000
918	0.0002815676300	0.0000071483070	0.0000167631420	0.0000066738600	0.0000020681683	0.0000039057713	0.0000145680330	0.0009878158970	0.7913792800000
919	0.0002781303000	0.0000066378916	0.0000162563660	0.0000066277200	0.0000020485923	0.0000032932116	0.0000136250100	0.0009526230400	0.7828700400000
920	0.0002762177500	0.0000061621432	0.0000157508700	0.0000065999800	0.0000020290522	0.0000026823543	0.0000126694280	0.0009171770100	0.7743774700000
921	0.0002751981800	0.0000053724541	0.0000148128500	0.0000061344100	0.0000017828054	0.0000028694025	0.0000116485680	0.0009155582700	0.7684753600000
922	0.0002756967200	0.0000046133028	0.0000138955610	0.0000056487300	0.0000015306488	0.0000030571149	0.0000106087910	0.0009139307500	0.7625479900000
923	0.0002749144800	0.0000047263305	0.0000145642300	0.0000058853900	0.0000018410729	0.0000030958780	0.0000098776425	0.0008683924500	0.7580156700000
924	0.0002741249700	0.0000048399170	0.0000152606940	0.0000061417700	0.0000021481210	0.0000031348164	0.0000091424302	0.0008225982400	0.7534504300000
925	0.0002731311000	0.0000040412178	0.0000148274310	0.0000060426600	0.0000017824207	0.0000032022861	0.0000081375411	0.0007983438400	0.7469055500000
926	0.0002675193100	0.0000032562149	0.0000143923720	0.0000059617100	0.0000014001034	0.0000032700032	0.0000071286393	0.0007739907500	0.7403304600000
927	0.0002608537100	0.0000037381002	0.0000138030710	0.0000055977700	0.0000016983323	0.0000026966430	0.0000065191476	0.0007551353100	0.7306661300000
928	0.0002526793200	0.0000042012219	0.0000132159000	0.0000052166800	0.0000019802542	0.0000021408018	0.0000059119712	0.0007363435200	0.7210294700000
929	0.0002474528700	0.0000036093605	0.0000130931030	0.0000053099700	0.0000015141870	0.0000025936778	0.0000052300708	0.0007317843900	0.7150274400000
930	0.0002421830900	0.0000030232599	0.0000129936510	0.0000054038300	0.0000010463766	0.0000030652078	0.0000045430834	0.0007271782900	0.7089665800000
931	0.0002412201900	0.0000032816736	0.0000132215540	0.0000052300600	0.0000012590155	0.0000029799505	0.0000042617077	0.0007068259200	0.7019655800000
932	0.0002402505400	0.0000035379026	0.0000134504400	0.0000050554100	0.0000014743670	0.0000029097335	0.0000039635162	0.0008057192400	0.6949247000000
933	0.0002381232700	0.0000030813911	0.0000127789640	0.0000047816800	0.0000012861040	0.0000025321396	0.0000038616212	0.0007608259200	0.6834437100000
934	0.0002360017200	0.0000026270317	0.0000121104940	0.0000044905600	0.0000010987282	0.0000021409238	0.0000037601455	0.0007161371200	0.6720051900000
935	0.0002342522900	0.0000025300070	0.0000117813900	0.0000040211800	0.0000013173102	0.0000021390343	0.0000031588014	0.0007010580900	0.6617198900000
936	0.0002294250800	0.0000024331394	0.0000114283280	0.0000035340100	0.0000015354979	0.0000021371358	0.0000025585030	0.0006860017100	0.6514489900000
937	0.0002253860300	0.0000028121086	0.0000111143360	0.0000035990800	0.0000013888984	0.0000018497714	0.0000025343869	0.0006655783300	0.6442506700000
938	0.0002213238300	0.0000031964037	0.0000107740120	0.0000036457500	0.0000012415277	0.0000015609041	0.0000025101206	0.0006450444400	0.6370086800000
939	0.0002174321100	0.0000031052308	0.0000107126410	0.0000035833500	0.0000009479906	0.0000016438576	0.0000022715789	0.0006239903700	0.6290025000000
940	0.0002135092700	0.0000030133664	0.0000106258740	0.0000035204400	0.0000006523982	0.0000017273559	0.0000020158321	0.0006027800900	0.6209288700000
941	0.0002134278200	0.0000031763330	0.0000103494650	0.0000035755600	0.0000006709284	0.0000016644736	0.0000018445577	0.0006248261000	0.6108703600000
942	0.0002149029700	0.0000033391641	0.0000100732340	0.0000036118000	0.0000006894423	0.0000016016339	0.0000016734083	0.0006468548300	0.6008175100000
943	0.0002165572800	0.0000033885313	0.0000097558563	0.0000036876000	0.0000008673111	0.0000015525701	0.0000015811497	0.0006488949800	0.5920973300000
944	0.0002166540400	0.0000034208329	0.0000094381778	0.0000031066700	0.0000010470458	0.0000015050161	0.0000014981109	0.0002907750000	0.5833683300000
945	0.0002186022100	0.0000035640165	0.0000088097998	0.0000029236000	0.0000009257143	0.0000013190448	0.0000014790345	0.0002811863700	0.5746849900000
946	0.0002127351300	0.0000036733638	0.0000081791351	0.0000027398600	0.0000008056592	0.0000011339649	0.0000014598828	0.0002715621400	0.5659678700000
947	0.0002079956600	0.0000040157655	0.0000080033107	0.0000026258900	0.0000008466088	0.0000011165325	0.0000012168140	0.0002733421500	0.5565691400000
948	0.0002016942200	0.0000043580010	0.0000078026939	0.0000025119700	0.0000008875375	0.0000010991048	0.0000009738519	0.0002751205900	0.5471731000000
949	0.0001956353700	0.0000042249575	0.0000074125019	0.0000024010500	0.0000008541220	0.0000011533375	0.0000010044121	0.0001398590200	0.5390478800000
950	0.0001911306600	0.0000041260228	0.0000070215147	0.0000022898900	0.0000008223548	0.0000012061119	0.0000010350312	0.0000043749555	0.5309052800000
951	0.0001865436100	0.0000044381604	0.0000065274852	0.0000019883000	0.0000007661635	0.0000010127457	0.0000010465760	0.0000038797594	0.5230082600000

952	0.0001819507100	0.0000047506682	0.0000060079178	0.0000016711800	0.0000007099030	0.0000008191438	0.0000010581331	0.0000033839576	0.5151008000000
953	0.0001778179300	0.0000052840681	0.0000062774320	0.0000025281800	0.0000008742956	0.0000011014831	0.0000009378617	0.0000030674681	0.5081590600000
954	0.0001736555400	0.0000058208323	0.0000065485875	0.0000034135700	0.0000010380073	0.0000013840544	0.0000008167970	0.0000027488814	0.5011641400000
955	0.0001690306900	0.0000054432877	0.0000064022575	0.0000029196600	0.0000008621132	0.0000012556180	0.0000007701808	0.0000028890907	0.4936665100000
956	0.0001723032900	0.0000050652371	0.0000062557241	0.0000024442000	0.0000006859863	0.0000011270105	0.0000007250748	0.0000030121684	0.4861581900000
957	0.0001754723100	0.0000056899616	0.0000066831075	0.0000024443000	0.0000008228723	0.0000010402404	0.0000007251058	0.0000024929356	0.4781319700000
958	0.0001786412400	0.0000062800300	0.0000071356379	0.0000024444000	0.0000009580355	0.0000009534609	0.0000007267083	0.0000019909670	0.4701040800000
959	0.0001801183700	0.0000058602981	0.0000072821953	0.0000023284800	0.0000007947289	0.0000010191740	0.0000007828838	0.0000019898206	0.4622038500000
960	0.0001831721300	0.0000054063712	0.0000074034576	0.0000022126800	0.0000006333382	0.0000010832304	0.0000008389914	0.0000019886675	0.4543108800000
961	0.0001773076200	0.0000060108425	0.0000081017052	0.0000022183300	0.0000008309944	0.0000010164430	0.0000006710175	0.0000017510304	0.4476864800000
962	0.0001714113900	0.0000066531780	0.0000088034423	0.0000022048200	0.0000010296528	0.0000009477194	0.0000005021782	0.0000015312805	0.4410237900000
963	0.0001637278000	0.0000062447935	0.0000092717654	0.0000022466300	0.0000009545945	0.0000009079123	0.0000006943278	0.0000014100456	0.4345088300000
964	0.0001577711300	0.0000058351258	0.0000097668018	0.0000022885500	0.0000008810458	0.0000008679790	0.0000008886517	0.0000012884313	0.4279721500000
965	0.0001513003100	0.0000054235690	0.0000104648940	0.0000202219000	0.0000008630854	0.0000007705160	0.0000007138401	0.0000011261501	0.4214487700000
966	0.0001462474400	0.0000050108188	0.0000111395720	0.0000017531400	0.0000008450709	0.0000006727721	0.0000005385268	0.0000009616531	0.4149053900000
967	0.0001413002100	0.0000049464031	0.0000117366370	0.0000017532200	0.0000007707196	0.0000006863121	0.0000005057460	0.0000010187707	0.4090047200000
968	0.0001363412900	0.0000048818277	0.0000123350440	0.0000017552300	0.0000006979496	0.0000006998816	0.0000004728889	0.0000010760169	0.4030895400000
969	0.0001309912700	0.0000045984304	0.0000129640240	0.0000017968100	0.0000008009914	0.0000007234680	0.0000005394771	0.0000011052251	0.3964123700000
970	0.0001258062800	0.0000043503996	0.0000135922880	0.0000018383300	0.0000009039211	0.0000007470267	0.0000006075833	0.0000011343982	0.3897407500000
971	0.0001272658900	0.0000041809187	0.0000139423710	0.0000018100100	0.0000008157387	0.0000006969379	0.0000005829628	0.0000010027758	0.3844380800000
972	0.0001288895500	0.0000040461257	0.0000143188840	0.0000017796600	0.0000007255460	0.0000006483050	0.0000005566753	0.0000008690201	0.3791190700000
973	0.0001305023600	0.0000037389361	0.0000147894510	0.0000016618700	0.0000006833564	0.0000006710106	0.0000006380432	0.0000009117064	0.3741239900000
974	0.0001322832000	0.0000034442951	0.0000152878720	0.0000015415100	0.0000006391802	0.0000008864940	0.0000007198180	0.0000009546007	0.3690999000000
975	0.0001337216100	0.0000036773648	0.0000152353230	0.0000015180200	0.0000007044491	0.0000008108056	0.0000007181520	0.0000008715923	0.3635168000000
976	0.0001291989100	0.0000038891710	0.0000151827480	0.0000014945300	0.0000007697048	0.0000007335201	0.0000007148817	0.0000007868325	0.3579338500000
977	0.0001248099400	0.0000040293239	0.0000147940300	0.0000015232400	0.0000007835805	0.0000007284644	0.0000006329354	0.0000007566024	0.3525468800000
978	0.0001202623800	0.0000041340424	0.0000143799280	0.0000015519300	0.0000007956809	0.0000007250174	0.0000005510392	0.0000007246261	0.3471622800000
979	0.0001157692300	0.0000039932136	0.0000135884510	0.0000013965200	0.0000008293069	0.0000007026004	0.0000006151915	0.0000007229546	0.3419305200000
980	0.0001114357600	0.0000038523419	0.0000127967490	0.0000012430200	0.0000008611752	0.0000006801763	0.0000006809610	0.0000007195178	0.3366968100000
981	0.0001079808700	0.0000038612423	0.0000123132620	0.0000013999300	0.0000008313268	0.0000006591841	0.0000005331797	0.0000006928986	0.3327731500000
982	0.0001046709200	0.0000038701528	0.0000118531520	0.0000015595000	0.0000007995608	0.0000006380894	0.0000003847109	0.0000006661508	0.3288286700000
983	0.0001011262200	0.0000041258842	0.0000109208450	0.0000013370900	0.0000008418035	0.0000006019838	0.0000003902199	0.0000007170072	0.3250944600000
984	0.0000977310200	0.0000043824898	0.0000099852303	0.0000011158600	0.0000008841899	0.0000005657493	0.0000003941310	0.0000007662600	0.3213457000000
985	0.0000941713960	0.0000046047920	0.0000094092068	0.0000013556600	0.0000010016822	0.0000006398812	0.0000004288458	0.0000007017778	0.3170805000000
986	0.0000985824430	0.0000048278952	0.0000088568949	0.0000015963400	0.0000011178196	0.0000007142848	0.0000004636872	0.0000006370527	0.3127978400000
987	0.0001026743400	0.0000051506700	0.0000081591159	0.0000014095900	0.0000013287629	0.0000006346710	0.0000005610639	0.0000006603680	0.3081370300000
988	0.0001067675000	0.0000054377750	0.0000074351693	0.0000012247500	0.0000015397785	0.0000005566556	0.0000006568522	0.0000006836904	0.3034740300000
989	0.0001109919400	0.0000051585171	0.0000068744756	0.0000012027400	0.0000015418530	0.0000005150297	0.0000005213176	0.0000005612742	0.2992032200000
990	0.0001152274300	0.0000048784912	0.0000063122504	0.0000011806700	0.0000015457197	0.0000004732901	0.0000004367365	0.0000004367365	0.2949200200000
991	0.0001088172600	0.0000046975859	0.0000059985563	0.0000010973800	0.0000015344672	0.0000005057641	0.0000004324342	0.0000005260583	0.2896721500000
992	0.0001025743600	0.0000045167866	0.0000056590932	0.0000010121800	0.0000015250074	0.0000005382150	0.0000004810450	0.0000006135306	0.2844269200000
993	0.0000963766620	0.0000045967027	0.0000056172211	0.0000012452500	0.0000016927070	0.0000005489826	0.0000005519136	0.0000006486764	0.2799781400000
994	0.0000901562810	0.0000046768831	0.0000055491196	0.0000014771700	0.0000018681848	0.0000005597861	0.0000006246646	0.0000006839451	0.2755120600000
995	0.0000838570130	0.0000042499161	0.0000052945092	0.0000012687000	0.0000017875495	0.0000005473028	0.0000005355588	0.0000006649411	0.2714394700000
996	0.0000842792370	0.0000038580412	0.0000050393175	0.0000010617400	0.0000017139312	0.0000005347903	0.0000004462526	0.0000006458931	0.2673571600000
997	0.0000844245090	0.0000036408825	0.0000051948102	0.0000012460200	0.0000017603437	0.0000005822325	0.0000004559576	0.0000006169678	0.2629896300000
998	0.0000845695000	0.0000034021886	0.0000053241206	0.0000014322000	0.0000017995327	0.0000006280121	0.0000004640232	0.0000005880540	0.2586234000000
999	0.0000849972580	0.0000033159635	0.0000052519625	0.0000012630800	0.0000016737219	0.0000005729312	0.0000004580230	0.0000004555099	0.2547727200000
1000	0.0000852612170	0.0000032295287	0.0000051534632	0.0000010935600	0.0000015367901	0.0000005177201	0.0000004503698	0.0000003226545	0.2509124100000
1001	0.0000822206080	0.0000029581031	0.0000053160292	0.0000012041900	0.0000015113282	0.0000005692708	0.0000004475666	0.0000004456973	0.2479673100000
1002	0.0000791734020	0.0000026897180	0.0000054527124	0.0000013150500	0.0000014858094	0.0000006209292	0.0000004447564	0.0000005671927	0.2450154600000
1003	0.0000760514880	0.0000024873872	0.0000054011370	0.0000013152600	0.0000013341859	0.0000005551360	0.0000004251296	0.0000004986305	0.2417302500000
1004	0.0000729284590	0.0000022813671	0.0000053495360	0.0000013154600	0.0000011843206	0.0000004909686	0.0000004038543	0.0000004300458	0.2384435800000
1005	0.0000700704770	0.0000024285723	0.0000053181093	0.0000014467500	0.0000011962813	0.0000005458475	0.0000003906231	0.00000047116621	0.2357335700000
1006	0.0000703478420	0.0000025768846	0.0000052862974	0.0000015790400	0.0000012083066	0.0000006028090	0.0000003789315	0.0000005154182	0.2329960200000

1007	0.0000705606570	0.0000024251840	0.0000049459480	0.0000015640000	0.0000010559139	0.0000005400610	0.0000003626233	0.0000005048234	0.2294390300000
1008	0.0000707736440	0.0000022732797	0.0000046051423	0.0000015489300	0.0000009033188	0.0000004772294	0.0000003479499	0.0000004942138	0.2258770000000
1009	0.0000709274430	0.0000023167215	0.0000042073923	0.0000015949200	0.0000007115780	0.0000003557797	0.0000003578272	0.0000004157215	0.2217175400000
1010	0.0000710810180	0.0000023601420	0.0000038362327	0.0000016388600	0.0000005217290	0.0000002360352	0.0000003677000	0.0000003354336	0.2175590500000
1011	0.0000689069790	0.0000023288962	0.0000035532776	0.0000018219700	0.0000004607517	0.0000004131688	0.0000004000783	0.0000004019748	0.2141481600000
1012	0.0000667224990	0.0000023011600	0.0000032690059	0.0000020038800	0.0000004013255	0.0000005911060	0.0000004342649	0.0000004669846	0.2107200600000
1013	0.0000646195660	0.0000023698252	0.0000031395682	0.0000019413700	0.0000004843216	0.0000005783830	0.0000004080916	0.0000004253316	0.2067237100000
1014	0.0000623442740	0.0000024349580	0.0000029832032	0.0000018807400	0.0000005674993	0.0000005656308	0.0000003818598	0.0000003817508	0.2027181300000
1015	0.0000600303900	0.0000025577188	0.0000027183132	0.0000018675800	0.0000004649025	0.0000005207283	0.0000003620451	0.0000004480649	0.1985757300000
1016	0.0000609016090	0.0000026806084	0.0000024291353	0.0000018544000	0.0000003621943	0.0000004757767	0.0000003422085	0.0000005126126	0.1944285800000
1017	0.0000617736770	0.0000029178346	0.0000022516934	0.0000017965900	0.0000004065380	0.0000004374806	0.0000003507436	0.0000003842066	0.1902455000000
1018	0.0000624786390	0.0000031516254	0.0000020740576	0.0000017366900	0.0000004527693	0.0000003991428	0.0000003592873	0.0000002538228	0.1860576500000
1019	0.0000634230470	0.0000031494494	0.0000020373794	0.0000018208500	0.0000004295511	0.0000003863637	0.0000003079913	0.0000002468729	0.1823877100000
1020	0.0000642018060	0.0000031435549	0.0000019978932	0.0000019073100	0.0000004081011	0.0000003718581	0.0000002548477	0.0000002398991	0.1787048800000
1021	0.0000608301900	0.0000033838642	0.0000020781882	0.0000019194800	0.0000004450228	0.0000004256917	0.0000002598714	0.0000003690667	0.1744878700000
1022	0.0000574586210	0.0000036278530	0.0000021611531	0.0000019296100	0.0000004837882	0.0000004778393	0.0000002632178	0.0000004982273	0.1702707200000
1023	0.0000540331510	0.0000036836347	0.0000021254294	0.0000018479800	0.0000004496450	0.0000004012823	0.0000002587295	0.0000004123615	0.1666121100000
1024	0.0000507621620	0.0000037507670	0.0000020895418	0.0000017660100	0.0000004172099	0.0000003227119	0.0000002559041	0.0000003279858	0.1629370600000
1025	0.0000473181020	0.0000037073391	0.0000022426300	0.0000017455100	0.0000004107415	0.0000003370070	0.0000002429967	0.0000002897415	0.1590322000000
1026	0.0000458975970	0.0000036786033	0.0000023964092	0.0000017228500	0.0000004061027	0.0000003513656	0.0000002317190	0.0000002513176	0.1551079700000
1027	0.0000441768460	0.0000036805979	0.0000024168827	0.0000016358300	0.0000003630857	0.0000002884250	0.0000002079416	0.0000002511991	0.1504515200000
1028	0.0000424575780	0.0000036825785	0.0000024373289	0.0000015468400	0.0000003182472	0.0000003255431	0.0000001858758	0.0000002492200	0.1457989900000
1029	0.0000408148400	0.0000037323874	0.0000026595805	0.0000016290700	0.0000003224083	0.0000003022662	0.0000002115104	0.0000002532846	0.1417902800000
1030	0.0000391675010	0.0000038122209	0.0000028959629	0.0000017115200	0.0000003247136	0.0000003791976	0.0000002389087	0.0000002573594	0.1377702200000
1031	0.0000380186660	0.0000036107647	0.0000028721628	0.0000015322300	0.0000003811320	0.0000004153790	0.0000001933801	0.0000003099296	0.1326170800000
1032	0.0000366964490	0.0000034200796	0.0000028483022	0.0000013525400	0.0000004376779	0.0000004533461	0.0000001502947	0.0000003644879	0.1274519100000
1033	0.0000354648670	0.0000032930440	0.0000028724472	0.0000013655500	0.0000004017230	0.0000004750091	0.0000001967922	0.0000003491721	0.1216615800000
1034	0.0000342356300	0.0000031662524	0.0000028965246	0.0000013805900	0.0000003639738	0.0000004966241	0.0000002423445	0.0000003320207	0.1158825600000
1035	0.0000329176830	0.0000030619995	0.0000028191389	0.0000013227200	0.0000003644683	0.0000005279543	0.0000002206125	0.0000002969833	0.1096122400000
1036	0.0000334747420	0.0000029537059	0.0000027686785	0.0000012667500	0.0000003649631	0.0000005576627	0.0000001988208	0.0000002618497	0.1033245500000
1037	0.0000338527430	0.0000027805246	0.0000025732966	0.0000012722400	0.000000353562	0.0000005872862	0.0000001820234	0.0000002864726	0.0956074940000
1038	0.0000344026450	0.0000026069644	0.0000023883693	0.0000012777400	0.0000003657494	0.0000006169723	0.0000001653598	0.0000003092735	0.0878736100000
1039	0.0000348172700	0.0000025295764	0.0000022270600	0.0000012182500	0.0000003552333	0.0000006165437	0.0000001660452	0.0000002498120	0.0797074920000
1040	0.0000352333950	0.0000024518497	0.0000020677960	0.0000011585000	0.0000003446711	0.0000006161093	0.0000001667324	0.0000001882190	0.0715068450000
1041	0.0000337189540	0.0000022880763	0.0000020369739	0.0000012011700	0.0000003695109	0.0000007214895	0.0000001523431	0.0000002128920	0.0628618410000
1042	0.0000322015380	0.0000021239837	0.0000020088257	0.0000012439300	0.0000003943978	0.0000008287904	0.0000001379259	0.0000002376121	0.0542000920000
1043	0.0000306811480	0.0000020579289	0.0000018326895	0.0000012930100	0.0000003399987	0.0000008054900	0.0000001425173	0.0000002435030	0.0464249170000
1044	0.0000291577820	0.0000019879568	0.0000016562119	0.0000013421900	0.0000002854946	0.0000007821433	0.0000001471172	0.0000002512941	0.0386347330000
1045	0.0000276314430	0.0000018761547	0.0000015397763	0.0000013309600	0.0000003122631	0.0000007415061	0.0000001228583	0.0000002156013	0.0328063620000
1046	0.0000267935750	0.0000017641349	0.0000014231147	0.0000013176100	0.0000003390824	0.0000007025158	0.0000000985527	0.0000001798397	0.0269667620000
1047	0.0000259540560	0.0000016556949	0.0000014327251	0.0000014317400	0.0000003337182	0.0000006496277	0.0000001256758	0.0000002027499	0.0222464000000
1048	0.0000251128830	0.0000015432435	0.0000014423513	0.0000015460800	0.0000003264452	0.0000005966372	0.0000001528506	0.0000002238069	0.0175169690000
1049	0.0000247005080	0.0000015294972	0.0000014079099	0.0000016020100	0.0000002640650	0.0000005452755	0.0000001510991	0.0000002825440	0.0136600350000
1050	0.0000234255800	0.0000015157219	0.0000013706424	0.0000016601300	0.0000001996637	0.0000004938148	0.0000001493439	0.0000001404313	0.0097957179000
1051	0.0000225794500	0.0000014942936	0.0000015237730	0.0000017624200	0.0000001861496	0.0000004214431	0.0000001562260	0.0000001458909	0.0075646824000
1052	0.0000215578140	0.0000014728218	0.0000016771925	0.0000018649000	0.0000001722284	0.0000003471968	0.0000001631209	0.0000001513607	0.0053293868000
1053	0.0000207082130	0.0000014780410	0.0000018474951	0.0000019928000	0.0000001735363	0.0000003266752	0.0000001636222	0.0000001705618	0.0040858824000
1054	0.0000198569600	0.0000014794447	0.0000020208866	0.0000021251500	0.0000001748464	0.0000003043748	0.0000001641242	0.0000001896083	0.0028400098000
1055	0.0000188297040	0.0000015458985	0.0000022250843	0.0000023377700	0.0000001604916	0.0000002611402	0.0000001549124	0.0000001701220	0.0021849106000
1056	0.0000184985240	0.0000016086455	0.0000024324391	0.0000025508000	0.0000001461093	0.0000002195657	0.0000001455091	0.0000001504073	0.0015285643000
1057	0.0000181666820	0.0000016561737	0.0000026040918	0.0000028486300	0.0000001292109	0.0000001737258	0.0000001454731	0.0000001395596	0.0011958849000
1058	0.0000178341790	0.0000017076263	0.0000027788438	0.0000031258900	0.0000001120888	0.0000001281480	0.0000001452628	0.0000000972702	0.0008625764500
1059	0.0000174835140	0.0000018014240	0.0000028927291	0.0000034882400	0.0000000922490	0.0000001328127	0.0000001521912	0.0000001008119	0.0006933050800
1060	0.0000171146380	0.0000018992405	0.0000030068246	0.0000038301100	0.0000000723715	0.0000001376609	0.0000001589582	0.0000001043602	0.0005237091900
1061	0.0000163242170	0.0000021357751	0.0000030932629	0.0000043632400	0.0000001108694	0.0000001533732	0.0000001796945	0.0000001148277	0.0004240321000

1062	0.0000155322750	0.0000023727522	0.0000032077523	0.0000048973800	0.0000001492474	0.0000001692901	0.0000001990726	0.0000001251226	0.0003240541000
1063	0.0000147388130	0.0000025484838	0.0000031270135	0.0000056022700	0.0000001372598	0.0000001441900	0.0000001887727	0.0000001192766	0.0002728841200
1064	0.0000139438310	0.0000027284009	0.0000030181711	0.0000063084800	0.0000001252494	0.0000001192179	0.0000001784530	0.0000001134194	0.0002212870100
1065	0.0000131473280	0.0000028970635	0.0000029930354	0.0000072073600	0.0000001124446	0.0000001210874	0.0000001654869	0.0000001252833	0.0002000066600
1066	0.0000127544890	0.0000030660381	0.0000029678472	0.0000080866300	0.0000000998087	0.0000001229601	0.0000001524961	0.0000001373623	0.0001790168700
1067	0.0000123432560	0.0000033088546	0.0000027884700	0.0000091805500	0.0000000929458	0.0000001299424	0.0000001580780	0.0000001116150	0.0001569937100
1068	0.0000119312310	0.0000035521209	0.0000026143615	0.0000102978000	0.0000000858766	0.0000001369375	0.0000001634945	0.0000000860125	0.0001349289500
1069	0.0000115360780	0.0000038035914	0.0000025494237	0.0000117586000	0.0000000890545	0.0000001478263	0.0000001576712	0.0000000858996	0.0001244366900
1070	0.000011224820	0.0000040749307	0.0000024843599	0.0000132221000	0.0000000922383	0.0000001587353	0.0000001520126	0.0000000859799	0.0001142567100
1071	0.0000106726940	0.0000041952744	0.0000023291544	0.0000147097000	0.0000000847601	0.0000001785011	0.0000001505697	0.0000000943949	0.0001093767100
1072	0.0000102043310	0.0000043158358	0.0000021708391	0.0000161787000	0.0000000772678	0.0000001963576	0.0000001491239	0.0000001030195	0.0001048201600
1073	0.0000097528086	0.0000043198618	0.0000019896784	0.0000178217000	0.0000000987152	0.0000001770638	0.0000001224451	0.0000000807836	0.0000992557030
1074	0.0000093004263	0.0000043628417	0.0000018081763	0.0000194678000	0.0000001200079	0.0000001589742	0.0000000957163	0.0000000583117	0.0000936806910
1075	0.0000088471847	0.0000045618550	0.0000018465654	0.0000210955000	0.0000001070759	0.0000001809417	0.0000000924469	0.0000001169614	0.0000800864770
1076	0.0000088020688	0.0000047612310	0.0000018850227	0.0000227691000	0.0000000941196	0.0000002041926	0.0000000889943	0.0000001018461	0.0000664668100
1077	0.0000087746522	0.0000048047187	0.0000020055819	0.0000245102000	0.0000001035692	0.0000002186003	0.0000000958065	0.0000000921949	0.0000732148710
1078	0.0000087471695	0.0000048873779	0.0000021235305	0.0000264698000	0.0000001132315	0.0000002330344	0.0000001026312	0.0000000825257	0.0000799753500
1079	0.0000087017891	0.0000047745058	0.0000024230704	0.0000282176000	0.0000001201758	0.0000002243479	0.0000000892425	0.0000000796731	0.0000800495380
1080	0.0000086741577	0.0000047005876	0.0000027231619	0.0000299685000	0.0000001273284	0.0000002174270	0.0000000760063	0.0000000768151	0.0000801237270
1081	0.0000083784913	0.0000048617713	0.0000031231788	0.0000319385000	0.0000001460444	0.0000002283314	0.0000000906521	0.0000000694519	0.0000718090120
1082	0.0000081001442	0.0000050624893	0.0000035239312	0.0000339120000	0.0000001647949	0.0000002410411	0.0000001055028	0.0000000620750	0.0000634787770
1083	0.0000078033706	0.0000050278878	0.0000039823091	0.0000363216000	0.0000001737732	0.0000002305410	0.0000000915322	0.0000000682084	0.0000655545070
1084	0.0000075060351	0.0000049538970	0.0000044415275	0.0000389519000	0.0000001825714	0.0000002200211	0.0000000775355	0.0000000743530	0.0000676339610
1085	0.0000072260685	0.0000050371729	0.0000047306007	0.0000407206000	0.0000002043542	0.0000002148528	0.0000000722548	0.0000000738325	0.0000700539390
1086	0.0000071609396	0.0000051599830	0.0000050201993	0.0000424926000	0.0000002261769	0.0000002096745	0.0000000671429	0.0000000733110	0.0000728153700
1087	0.0000070956785	0.0000054407125	0.0000053674235	0.0000457867000	0.0000002578822	0.0000001937239	0.0000000529058	0.0000000676734	0.0000674837220
1088	0.0000070302852	0.0000057219499	0.0000057438544	0.0000490868000	0.0000002896455	0.0000001768459	0.0000000386425	0.0000000620254	0.0000618044110
1089	0.0000069647596	0.0000057272090	0.0000060351602	0.0000519580000	0.0000003135779	0.0000001626322	0.0000000540775	0.0000000593232	0.0000578047430
1090	0.0000068991019	0.0000057720024	0.0000063269914	0.0000550521000	0.0000003375539	0.0000001483920	0.0000000697201	0.0000000564187	0.0000537976260
1091	0.0000067972523	0.0000059751505	0.0000061608648	0.0000588052000	0.0000003754040	0.0000001344855	0.0000000805477	0.0000000633811	0.0000416552120
1092	0.0000067132507	0.0000061786613	0.0000059657417	0.0000625650000	0.0000004153005	0.0000001207334	0.0000000915746	0.0000000705539	0.0000291853750
1093	0.0000066110210	0.0000063825347	0.0000058563739	0.0000680772000	0.0000004414134	0.0000001024468	0.0000000823129	0.0000000605302	0.0000303995850
1094	0.0000065085929	0.0000065867709	0.0000057180621	0.0000735994000	0.0000004695547	0.0000000841266	0.0000000730341	0.0000000504879	0.0000315820090
1095	0.0000064240625	0.0000068310854	0.0000051193237	0.0000810989000	0.0000004838653	0.0000000825772	0.0000001132523	0.0000000590555	0.0000299793480
1096	0.0000063937043	0.0000070758351	0.0000045482687	0.0000888308000	0.0000005001861	0.0000000812058	0.0000001535438	0.0000000674403	0.0000283737080
1097	0.0000063814090	0.0000075597490	0.0000043507291	0.0000998616000	0.0000005224959	0.0000000744009	0.0000002236714	0.0000000543986	0.0000279569170
1098	0.0000063509351	0.0000080445334	0.0000041528219	0.0001111320000	0.0000005448455	0.0000000675836	0.0000002924822	0.0000000411342	0.0000275052350
1099	0.0000063385571	0.0000080917206	0.0000037524898	0.0001254930000	0.0000005612641	0.0000000616604	0.0000003812960	0.0000000485308	0.0000140892290
1100	0.0000063261461	0.0000081389804	0.0000033225306	0.0001401010000	0.0000005777117	0.0000000557264	0.0000004684622	0.0000000559409	0.0000006760789