tol = 1e-3			ming(1e10) Timing(1e11)	Timing(1e13)
1 312.2098259		0.001338243484	0.001187086105 0.001191139221	0.001291036606
1 271.9390375		0.001484870911	0.001239061356 0.001172065735	0.001197099686
1 236.8626295	0.02835488319 0.02747321129	0.03087592125	0.02818202972 0.02761101723	0.02802801132
1 206.310597	0.02183794975 0.02217817307	0.02134990692	0.02184891701 0.02192091942	0.02149605751
1 179.699358	0.01195907593 0.01220202446	0.01164484024	0.01213979721 0.01186203957	0.01206421852
1 156.520604	0.009593963623 0.009328126907	0.009196043015	0.009382963181 0.00904917717	0.009317159653
1 136.3315915	0.008357048035 0.008363962173	0.007949829102	0.008141040802 0.007973909378	0.008165836334
1 118.7466849	0.02499008179 0.0242190361	0.02568817139	0.02413582802 0.02392196655	0.02379179001
1 103.4299903	0.0151219368 0.0148768425	0.015583992	0.01478886604 0.0147819519	0.01484084129
1 90.08893926	0.01128983498 0.01104593277	0.01145291328	0.01111388206 0.01093792915	0.01099181175
1 78.46870096	0.01004481316 0.009886980057	0.009644985199	0.009789228439 0.009606122971	0.01002812386
1 68.34731413		0.008720874786	0.00877904892 0.008560180664	0.008592844009
1 59.53144746		0.009431838989	0.009047031403 0.009005784988	0.009967161179
1 51.85270674		0.01344799995	0.01310801506 0.0132188797	0.01334500313
1 45.16441833		0.01321196556	0.01273298264 0.01328086853	0.01271176338
1 45.10441833		0.01321190556	0.01273298264 0.01328086853	0.0125101559
1 34.26465793		0.01321530342	0.01946997643 0.01999497414	0.01886200905
1 29.84498673		0.02704310417	0.02649497986 0.02697372437	0.02599310875
1 25.99539253		0.03332304955	0.03264904022 0.03257966042	0.03254008293
1 22.64234322		0.09418582916	0.09306716919 0.09453225136	0.0950961113
1 19.72179131		0.1062090397	0.1055440903 0.1059513092	0.1061971188
1 17.17795056		0.2436280251	0.2515120506 0.2446212769	0.2452740669
1 14.9622304	0.1704821587 0.1687321663	0.1692869663	0.1711177826 0.1764452457	0.1733539104
1 13.03230777		0.1743092537	0.1941592693 0.1777310371	0.1803519726
1 11.3513187	0.1530082226	0.1520631313	0.1787981987 0.1576251984	0.1531450748
1 9.887154188	0.1226029396 0.1228880882	0.1305189133	0.1259419918 0.1240530014	0.1222016811
1 8.61184682		0.1295659542	0.1265881062 0.1243069172	0.1224067211
1 7.501036625	0.1391386986 0.1394548416	0.1452870369	0.1425988674 0.1420919895	0.1395261288
1 6.533505715	0.1237852573 0.1202452183	0.1231601238	0.1227059364 0.1238000393	0.1198830605
1 5.690773037	0.1623501778 0.1688098907	0.1667201519	0.164963007 0.1653740406	0.1610598564
1 4.95674132	0.1201090813 0.1202046871	0.1248049736	0.1223099232 0.1241390705	0.1195189953
1 4.317389633		0.1690580845	0.1665661335 0.1724338531	0.1640651226
1 3.76050555	1.651462078 1.64064908	1.702883244	1.67922616 1.677232742	1.641315699
1 3.27545188	0.3373551369 0.3361420631	0.3527779579	0.345015049 0.3380908966	0.3329298496
1 2.852963488		0.1333250999	0.1311450005 0.1311879158	0.1282858849
1 2.852963480		0.1335250999	0.1325209141 0.1299037933	0.1284358501
1 2.464970301		0.2336518764	0.2295386791 0.2279868126	
				0.2252848148 1
1 1.885259691		0.09667372704	0.09514284134 0.09522223473	0.09360408783
1 1.642087032		0.09559822083	0.09327578545 0.09259700775	0.09330606461
1 1.430280314		0.09639310837	0.09338498116 0.09320187569	0.095236063
1 1.245793758		0.09512710571	0.09155392647 0.09183907509	0.09426617622
1 1.08510344	0.2208631039 0.2270052433	0.2307519913	0.2246351242 0.2230930328	0.2205369473
1 0.945139969		0.2301292419	0.2341701984 0.2234847546	0.2209300995
1 0.823229869		0.3874459267	0.3922679424 0.3737499714	0.3686318398
1 0.7170445	0.6783871651 0.6651501656	0.686634779	0.6744980812 0.6758458614	0.6770329475
1 0.624555588	2 0.4485399723 0.4452791214	0.4509549141	0.4502520561 0.4514791965	0.4432330132
1 0.543996478	3 0.2982139587 0.301484108	0.2985153198	0.3012280464 0.311372757	0.308079958
1 0.473828388	2 0.2243552208 0.2249588966	0.2357439995	0.2262580395 0.2281508446	0.2289180756
1 0.41271102	9 0.2233510017 0.2220118046	0.2286798954	0.2267410755 0.2235770226	0.2298407555
	2 0.2230257988 0.2236690521	0.2303340435	0.2265908718 0.226323843	0.2286069393
0.1 130.2016103	0.001170158386 0.00116610527	0.001183986664	0.001176834106 0.001182794571	0.001187086105
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0.1 65.27416178		0.001230716705	0.00123500824 0.001154184341	0.001167058945
0.1 56.85468964		0.001231908798	0.001214027405 0.001162052155	0.001180887222
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0.1 43.13365619		0.001273002301	0.001173019409 0.001295804977	0.00124902162 1 0.00121307373
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0.1 24.8265419	0.01424407959 0.01416707039	0.01440310478	0.01374721527 0.01467680931	0.01418972015
0.1 21.6242583	0.004003763199 0.004070043564	0.004234075546	0.004081726074 0.004099845886	0.004176855087
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0.1 9.44259054		0.005154848099	0.005378007889 0.005251646042	0.00515794754
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0.1 7.163761802		0.004060745239	0.003956079483 0.004080057144	0.004215717316
0.1 6.239734725		0.004066228867	0.003955841064 0.004125833511	0.003970861435
0.1 5.434894475	0.03158712387 0.03124189377	0.03151512146	0.03158926964 0.03149986267	0.03099489212
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0.1	4.123263554	0.009112119675 0.0091609954	483 0.009650945663	0.009187936783 0.009128093719	0.009038925171				1
0.1	3.591419074	0.06154227257 0.0611062049	99 0.06347084045	0.06266069412 0.06183314323	0.0622651577				1
0.1	3.128175242	0.1457800865 0.1454007626	6 0.1478309631	0.1486358643 0.1537129879	0.1474530697				1
0.1	2.724683514	0.0548658371 0.0539929866		0.05509114265 0.05504584312	0.05456185341				1
0.1	2.373236689	0.08938694 0.0878689289		0.08958506584 0.08779978752	0.09000706673				1
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0.1	1.800491323	0.5175082684 0.5105080605		0.5127880573 0.5086882114	0.511713028				
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0.1		0.5614862442 0.5593719482		0.563341856 0.5573358536					1
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0.1	1.036313107	0.08284378052 0.0826230049		0.08301115036 0.08276104927	0.08648705482				1
0.1	0.9026429215	0.177959919 0.1746618748	8 0.1809518337	0.1761689186 0.1770401001	0.178194046				1
0.1	0.7862143573	0.2002530098 0.2006289959	9 0.2038097382	0.2010560036 0.2001242638	0.2035069466				1
0.1	0.684803482	0.06416106224 0.0637750625	56 0.06516814232	0.06389808655 0.06382894516	0.0649600029				1
0.1		0.6498808861 0.6471068859		0.6420118809 0.6372029781	0.6530208588				1
0.1		0.6452877522 0.6400539875		0.6540198326 0.6454861164	0.6506948471				
									- 1
0.1		2.366388083 2.356348038	2.407299995	2.369400024 2.346520901	2.409857035				1
0.1	0.3941539819			0.3061649799 0.2986578941	0.3010568619				1
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0.1	0.2604599105	0.820887804 0.8228082657	7 0.8423779011	0.8200597763 0.8324010372	0.836550951				1
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0.01	28.21196323	0.001168251038 0.0011839866		0.001163959503 0.001165866852	0.001202344894				1
0.01	24.57300668	0.00116109848 0.0011708736		0.001194000244 0.00120806694	0.001175880432				1
0.01	21.40342565	0.001160144806 0.0011579990		0.001277923584 0.00115609169	0.001164197922				1
0.01	18.64267712	0.001178264618 0.0012261867	752 0.001213312149	0.001193284988 0.001204967499	0.001209020615				1
0.01	16.23802731	0.00125002861 0.0011630058	829 0.00120306015	0.001219034195 0.001235961914	0.001287221909				1
0.01	14.14354437	0.001174211502 0.0011649131		0.001313209534 0.001222372055	0.001184940338				1
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0.01	10.73021036	0.001180887222 0.0011630058		0.001149892807 0.00115275383	0.00121007070				
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0.01	7.090603571	0.001155138016 0.0011420249	994 0.00116610527	0.001140117645 0.001217126846	0.00119304657				1
0.01	6.176012902	0.001153707504 0.0011539459	923 0.001149892807	0.001301050186 0.001153945923	0.001223087311				1
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0.01	4.685524076	0.001164913177 0.0011761188	851 0.001149177551	0.00115609169 0.001157045364	0.001290082932				1
0.01	4.081155696	0.001187086105 0.0011541843	341 0.001172780991	0.00116109848 0.001241922379	0.001255273819				1
0.01	3.554742552	0.001200914383 0.0012190341		0.001229763031 0.001200199127	0.0011510849				1
0.01	3.096229489	0.001152038574 0.0011899471		0.001176118851 0.001160144806	0.001147985458				1
0.01	2.696858325	0.001207828522 0.0011930465		0.00118303299 0.001159191132	0.001196861267				1
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0.01	2.046011693	0.002752780914 0.0028119087	722 0.002823829651	0.002743244171 0.002666950226	0.002504825592				1
0.01	1.782104229	0.002606153488 0.0025160312	265 0.002798080444	0.002645015717 0.002486944199	0.00261092186				1
0.01	1.552237212	0.00140786171 0.0013067722	232 0.001412153244	0.001467227936 0.001359939575	0.001415729523				1
0.01	1.352019888	0.001368045807 0.0013487339		0.001471996307 0.001362800598	0.001305103302				1
0.01	1.177627855	0.001381874084 0.0014700889		0.001359701157 0.001327037811	0.00132727623				1
					0.01093363762				- 1
0.01	1.025730004	0.01109886169 0.0107798576		0.01087784767 0.01092505455					
0.01		0.002655982971 0.0024540424		0.002550125122 0.002670764923	0.002577066422				1
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0.01	0.3901287771	0.04517388344 0.0448300838	85 0.04550790787	0.04497170448 0.0447781086	0.04471969604				1
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0.01		0.01142191887 0.0117633342		0.03192804337 0.03224108696	0.01128792763				1
0.01		0.01068902016 0.0110728740		0.0106010437 0.01066589355	0.01070213318				1
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0.01		0.01488685608 0.0153849124		0.01493692398 0.01486063004	0.01462984085				1
0.01	0.1703561921	0.1873040199 0.1860358715	5 0.1923182011	0.1886789799 0.1884973049	0.1857297421				1
0.01	0.1483825784	0.07049179077 0.0700581073	38 0.07094717026	0.07221889496 0.07133316994	0.06994104385				1
0.01		0.02146410942 0.0215539932		0.02166104317 0.02174901962	0.02138090134				1
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0.01	0.05643620997	0.2419130802 0.2381019592	2 0.2493069172	0.2451460361 0.2414138317	0.2383341789				1
0.01	0.04915671247	0.03949308395 0.0398888588	8 0.039935112	0.03979897499 0.03966784477	0.03906679153				1
0.01	0.04281617036	0.2062139511 0.2069041729	9 0.211815834	0.2106678486 0.2202441692	0.2051451206				1
0.01		0.03944706917 0.0391280651		0.04052424431 0.04128885269	0.03963184357				1
0.01		0.03855013847 0.0381407737		0.03905797005 0.03881692886	0.03834986687				1
0.01	0.00240012401	0.000000100+7 0.0001407737	0.00007100400	0.0000101000 0.00001002000	0.00004000007				