

DOCUMENT D2: THE SK_N QUADRATURES (SET-2)

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Assuming that we can obtain an approximation to the exponential integral function

$$E_1(x) = \int_0^1 \frac{1}{\mathbf{m}} e^{-x/\mathbf{m}} d\mathbf{m} \doteq \sum_{n=1}^N \frac{w_n}{\mathbf{m}_n} e^{-x/\mathbf{m}_n}$$

To select the quadratures, we consider the first $2N$ real spatial moments and the approximate exponential integral function as follows. The moments are written as

$$M_k(R) = \int_0^R x^k E_1(x) dx = \sum_{n=1}^N \frac{w_n}{\mathbf{m}_n} \int_0^R x^k e^{-x/\mathbf{m}_n} dx, \quad \text{for } k = 0, 1, 2, \dots, (2N-1)$$

where R is the optical thickness of the medium. This procedure leads to a nonlinear system of equations which is solved for the $2N$ unknowns.

NOTE: The first column values are \mathbf{m}_n 's and the second column values are for w_n 2s.

R=10.000	1	0.49996008	0.99999617	R= 9.500	1	0.49993459	0.99999341
R= 9.950	1	0.49995806	0.99999596	R= 9.450	1	0.49993128	0.99999304
R= 9.900	1	0.49995594	0.99999573	R= 9.400	1	0.49992781	0.99999265
R= 9.850	1	0.49995371	0.99999549	R= 9.350	1	0.49992416	0.99999224
R= 9.800	1	0.49995136	0.99999524	R= 9.300	1	0.49992032	0.99999181
R= 9.750	1	0.49994890	0.99999498	R= 9.250	1	0.49991629	0.99999135
R= 9.700	1	0.49994631	0.99999470	R= 9.200	1	0.49991206	0.99999086
R= 9.650	1	0.49994360	0.99999440	R= 9.150	1	0.49990762	0.99999035
R= 9.600	1	0.49994074	0.99999409	R= 9.100	1	0.49990295	0.99998981
R= 9.550	1	0.49993774	0.99999376				

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R= 9.000
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1 0.14707671 0.57285239

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R= 0.100
1 0.09383124 0.42325400

R= 0.050
1 0.05762967 0.29681377

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2 0.78647139 0.50343763

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1 0.20945108 0.49644349
2 0.78639555 0.50355408

R= 9.900
 1 0.20938857 0.49632337
 2 0.78631735 0.50367408

R= 9.850
 1 0.20932419 0.49619960
 2 0.78623671 0.50379772

R= 9.800
 1 0.20925790 0.49607207
 2 0.78615357 0.50392511

R= 9.750
 1 0.20918964 0.49594070
 2 0.78606787 0.50405634

R= 9.700
 1 0.20911937 0.49580539
 2 0.78597953 0.50419151

R= 9.650
 1 0.20904704 0.49566603
 2 0.78588850 0.50433071

R= 9.600
 1 0.20897259 0.49552254
 2 0.78579469 0.50447404

R= 9.550
 1 0.20889598 0.49537479
 2 0.78569804 0.50462162

R= 9.500
 1 0.20881715 0.49522269
 2 0.78559848 0.50477354

R= 9.450
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R= 9.400
 1 0.20865264 0.49490500
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 2 0.78528153 0.50525644

R= 9.300
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 2 0.78516954 0.50542682

R= 9.250
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 2 0.78505425 0.50560210

R= 9.200
 1 0.20829464 0.49421257
 2 0.78493557 0.50578239

R= 9.150
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R= 9.100
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R= 9.050
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 2 0.78455839 0.50635452

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 2 0.75472179 0.54932459

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 2 0.75389179 0.55047033

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 1 0.18157950 0.44053305
 2 0.74755737 0.55913306

R= 4. 800
 1 0. 18092426 0. 43918194
 2 0. 74657251 0. 56046697

R= 4. 750
 1 0. 18025703 0. 43780459
 2 0. 74556630 0. 56182618

R= 4. 700
 1 0. 17957759 0. 43640054
 2 0. 74453827 0. 56321109

R= 4. 650
 1 0. 17888577 0. 43496931
 2 0. 74348790 0. 56462215

R= 4. 600
 1 0. 17818136 0. 43351040
 2 0. 74241470 0. 56605977

R= 4. 550
 1 0. 17746415 0. 43202331
 2 0. 74131810 0. 56752442

R= 4. 500
 1 0. 17673394 0. 43050750
 2 0. 74019757 0. 56901652

R= 4. 450
 1 0. 17599052 0. 42896246
 2 0. 73905253 0. 57053655

R= 4. 400
 1 0. 17523366 0. 42738764
 2 0. 73788239 0. 57208496

R= 4. 350
 1 0. 17446316 0. 42578247
 2 0. 73668653 0. 57366224

R= 4. 300
 1 0. 17367878 0. 42414639
 2 0. 73546432 0. 57526886

R= 4. 250
 1 0. 17288029 0. 42247880
 2 0. 73421511 0. 57690532

R= 4. 200
 1 0. 17206746 0. 42077910
 2 0. 73293821 0. 57857211

R= 4. 150
 1 0. 17124005 0. 41904668
 2 0. 73163291 0. 58026975

R= 4. 100
 1 0. 17039781 0. 41728090
 2 0. 73029849 0. 58199876

R= 4. 050
 1 0. 16954048 0. 41548111
 2 0. 72893419 0. 58375966

R= 4. 000
 1 0. 16866782 0. 41364663
 2 0. 72753922 0. 58555299

R= 3. 950
 1 0. 16777955 0. 41177678
 2 0. 72611276 0. 58737929

R= 3. 900
 1 0. 16687541 0. 40987085
 2 0. 72465395 0. 58923912

R= 3. 850
 1 0. 16595512 0. 40792811
 2 0. 72316193 0. 59113304

R= 3. 800
 1 0. 16501840 0. 40594782
 2 0. 72163576 0. 59306162

R= 3. 750
 1 0. 16406496 0. 40392921
 2 0. 72007450 0. 59502544

R= 3. 700
 1 0. 16309450 0. 40187148
 2 0. 71847715 0. 59702509

R= 3. 650
 1 0. 16210672 0. 39977383
 2 0. 71684267 0. 59906117

R= 3. 600
 1 0. 16110131 0. 39763541
 2 0. 71516999 0. 60113428

R= 3. 550
 1 0. 16007796 0. 39545537
 2 0. 71345797 0. 60324503

R= 3. 500
 1 0. 15903632 0. 39323280
 2 0. 71170545 0. 60539404

R= 3. 450
 1 0. 15797607 0. 39096680
 2 0. 70991120 0. 60758195

R= 3. 400
 1 0. 15689686 0. 38865643
 2 0. 70807394 0. 60980937

R= 3. 350
 1 0. 15579834 0. 38630071
 2 0. 70619234 0. 61207695

R= 3. 300
 1 0. 15468016 0. 38389864
 2 0. 70426501 0. 61438532

R= 3. 250
 1 0. 15354192 0. 38144917
 2 0. 70229047 0. 61673514

R= 3. 200
 1 0. 15238327 0. 37895125
 2 0. 70026720 0. 61912704

R= 3. 150
 1 0. 15120379 0. 37640377
 2 0. 69819361 0. 62156167

R= 3.100
 1 0.15000309 0.37380560
 2 0.69606801 0.62403969

R= 3.050
 1 0.14878076 0.37115554
 2 0.69388865 0.62656173

R= 3.000
 1 0.14753637 0.36845240
 2 0.69165368 0.62912843

R= 2.950
 1 0.14626947 0.36569491
 2 0.68936117 0.63174042

R= 2.900
 1 0.14497963 0.36288176
 2 0.68700907 0.63439832

R= 2.850
 1 0.14366637 0.36001163
 2 0.68459525 0.63710275

R= 2.800
 1 0.14232923 0.35708310
 2 0.68211746 0.63985429

R= 2.750
 1 0.14096770 0.35409475
 2 0.67957332 0.64265352

R= 2.700
 1 0.13958128 0.35104507
 2 0.67696033 0.64550098

R= 2.650
 1 0.13816945 0.34793252
 2 0.67427586 0.64839718

R= 2.600
 1 0.13673167 0.34475549
 2 0.67151712 0.65134261

R= 2.550
 1 0.13526739 0.34151233
 2 0.66868117 0.65433771

R= 2.500
 1 0.13377603 0.33820129
 2 0.66576490 0.65738285

R= 2.450
 1 0.13225701 0.33482058
 2 0.66276501 0.66047835

R= 2.400
 1 0.13070970 0.33136835
 2 0.65967802 0.66362449

R= 2.350
 1 0.12913349 0.32784265
 2 0.65650022 0.66682141

R= 2.300
 1 0.12752772 0.32424146
 2 0.65322768 0.67006920

R= 2.250
 1 0.12589172 0.32056270
 2 0.64985623 0.67336782

R= 2.200
 1 0.12422479 0.31680417
 2 0.64638141 0.67671711

R= 2.150
 1 0.12252621 0.31296361
 2 0.64279848 0.68011674

R= 2.100
 1 0.12079522 0.30903863
 2 0.63910239 0.68356622

R= 2.050
 1 0.11903107 0.30502677
 2 0.63528774 0.68706487

R= 2.000
 1 0.11723293 0.30092545
 2 0.63134875 0.69061175

R= 1.950
 1 0.11539999 0.29673196
 2 0.62727924 0.69420567

R= 1.900
 1 0.11353137 0.29244348
 2 0.62307256 0.69784513

R= 1.850
 1 0.11162617 0.28805707
 2 0.61872158 0.70152825

R= 1.800
 1 0.10968347 0.28356963
 2 0.61421862 0.70525274

R= 1.750
 1 0.10770227 0.27897792
 2 0.60955541 0.70901583

R= 1.700
 1 0.10568159 0.27427854
 2 0.60472301 0.71281417

R= 1.650
 1 0.10362034 0.26946794
 2 0.59971175 0.71664376

R= 1.600
 1 0.10151744 0.26454235
 2 0.59451115 0.72049981

R= 1.550
 1 0.09937173 0.25949783
 2 0.58910981 0.72437666

R= 1.500
 1 0.09718201 0.25433022
 2 0.58349532 0.72826757

R= 1.450
 1 0.09494702 0.24903514
 2 0.57765415 0.73216456

R= 1.400
 1 0.09266543 0.24360796
 2 0.57157147 0.73605820

R= 1.350
 1 0.09033586 0.23804378
 2 0.56523104 0.73993730

R= 1.300
 1 0.08795685 0.23233740
 2 0.55861494 0.74378865

R= 1.250
 1 0.08552687 0.22648334
 2 0.55170345 0.74759657

R= 1.200
 1 0.08304431 0.22047573
 2 0.54447467 0.75134245

R= 1.150
 1 0.08050745 0.21430836
 2 0.53690431 0.75500417

R= 1.100
 1 0.07791450 0.20797459
 2 0.52896525 0.75855534

R= 1.050
 1 0.07526354 0.20146732
 2 0.52062710 0.76196442

R= 1.000
 1 0.07255253 0.19477894
 2 0.51185567 0.76519352

R= 0.950
 1 0.06977931 0.18790128
 2 0.50261229 0.76819699

R= 0.900
 1 0.06694158 0.18082553
 2 0.49285300 0.77091952

R= 0.850
 1 0.06403684 0.17354220
 2 0.48252751 0.77329369

R= 0.800
 1 0.06106243 0.16604095
 2 0.47157792 0.77523687

R= 0.750
 1 0.05801548 0.15831055
 2 0.45993708 0.77664693

R= 0.700
 1 0.05489287 0.15033870
 2 0.44752648 0.77739662

R= 0.650
 1 0.05169120 0.14211191
 2 0.43425346 0.77732580

R= 0.600
 1 0.04840674 0.13361522
 2 0.42000750 0.77623061

R= 0.550
 1 0.04503538 0.12483200
 2 0.40465519 0.77384806

R= 0.500
 1 0.04157253 0.11574355
 2 0.38803323 0.76983359

R= 0.450
 1 0.03801307 0.10632872
 2 0.36993832 0.76372716

R= 0.400
 1 0.03435113 0.09656320
 2 0.35011234 0.75490075

R= 0.350
 1 0.03057995 0.08641871
 2 0.32821952 0.74247288

R= 0.300
 1 0.02669157 0.07586170
 2 0.30380955 0.72516272

R= 0.250
 1 0.02267638 0.06485136
 2 0.27625447 0.70102350

R= 0.200
 1 0.01852236 0.05333628
 2 0.24463089 0.66691095

R= 0.150
 1 0.01421363 0.04124835
 2 0.20747460 0.61728460

R= 0.100
 1 0.00972747 0.02848962
 2 0.16217152 0.54094866

R= 0.050
 1 0.00502575 0.01489556
 2 0.10290130 0.40864566

For N=3

R=10.000
 1 0.10581663 0.26197010
 2 0.47874117 0.43906123
 3 0.87660437 0.29896817

R= 9.950
 1 0.10568933 0.26167519
 2 0.47833594 0.43894379
 3 0.87639372 0.29938049

R= 9.900
 1 0.10556021 0.26137602
 2 0.47792463 0.43882423
 3 0.87617973 0.29979920

R= 9.850
 1 0.10542927 0.26107254
 2 0.47750718 0.43870251
 3 0.87596237 0.30022437

R= 9. 800

1	0. 10529647	0. 26076472
2	0. 47708354	0. 43857860
3	0. 87574160	0. 30065607

R= 9. 750

1	0. 10516181	0. 26045250
2	0. 47665363	0. 43845247
3	0. 87551737	0. 30109439

R= 9. 700

1	0. 10502527	0. 26013585
2	0. 47621738	0. 43832409
3	0. 87528964	0. 30153940

R= 9. 650

1	0. 10488683	0. 25981473
2	0. 47577473	0. 43819341
3	0. 87505836	0. 30199117

R= 9. 600

1	0. 10474647	0. 25948908
2	0. 47532561	0. 43806041
3	0. 87482351	0. 30244978

R= 9. 550

1	0. 10460417	0. 25915887
2	0. 47486995	0. 43792505
3	0. 87458502	0. 30291532

R= 9. 500

1	0. 10445991	0. 25882406
2	0. 47440769	0. 43778729
3	0. 87434286	0. 30338786

R= 9. 450

1	0. 10431369	0. 25848459
2	0. 47393874	0. 43764709
3	0. 87409698	0. 30386748

R= 9. 400

1	0. 10416547	0. 25814043
2	0. 47346305	0. 43750443
3	0. 87384733	0. 30435426

R= 9. 350

1	0. 10401524	0. 25779152
2	0. 47298054	0. 43735926
3	0. 87359387	0. 30484830

R= 9. 300

1	0. 10386299	0. 25743783
2	0. 47249113	0. 43721154
3	0. 87333655	0. 30534967

R= 9. 250

1	0. 10370868	0. 25707931
2	0. 47199476	0. 43706124
3	0. 87307533	0. 30585846

R= 9. 200

1	0. 10355232	0. 25671590
2	0. 47149135	0. 43690830
3	0. 87281015	0. 30637475

R= 9. 150

1	0. 10339386	0. 25634757
2	0. 47098083	0. 43675270
3	0. 87254096	0. 30689863

R= 9. 100

1	0. 10323331	0. 25597426
2	0. 47046311	0. 43659439
3	0. 87226771	0. 30743020

R= 9. 050

1	0. 10307063	0. 25559594
2	0. 46993813	0. 43643333
3	0. 87199036	0. 30796953

R= 9. 000

1	0. 10290580	0. 25521254
2	0. 46940580	0. 43626947
3	0. 87170884	0. 30851673

R= 8. 950

1	0. 10273882	0. 25482403
2	0. 46886605	0. 43610277
3	0. 87142311	0. 30907189

R= 8. 900

1	0. 10256965	0. 25443035
2	0. 46831880	0. 43593318
3	0. 87113312	0. 30963510

R= 8. 850

1	0. 10239828	0. 25403145
2	0. 46776397	0. 43576066
3	0. 87083880	0. 31020645

R= 8. 800

1	0. 10222469	0. 25362729
2	0. 46720147	0. 43558515
3	0. 87054011	0. 31078605

R= 8. 750

1	0. 10204886	0. 25321781
2	0. 46663123	0. 43540662
3	0. 87023697	0. 31137399

R= 8. 700

1	0. 10187076	0. 25280296
2	0. 46605316	0. 43522502
3	0. 86992935	0. 31197037

R= 8. 650

1	0. 10169038	0. 25238270
2	0. 46546717	0. 43504028
3	0. 86961717	0. 31257529

R= 8. 600

1	0. 10150769	0. 25195696
2	0. 46487319	0. 43485236
3	0. 86930038	0. 31318886

R= 8. 550

1	0. 10132268	0. 25152571
2	0. 46427112	0. 43466122
3	0. 86897892	0. 31381118

R= 8. 500

1	0. 10113531	0. 25108887
2	0. 46366087	0. 43446678
3	0. 86865272	0. 31444236

R= 8. 450

1	0. 10094558	0. 25064641
2	0. 46304236	0. 43426901
3	0. 86832173	0. 31508250

R= 8. 400

1	0. 10075346	0. 25019826
2	0. 46241551	0. 43406783
3	0. 86798587	0. 31573173

R= 8. 350

1	0. 10055893	0. 24974437
2	0. 46178020	0. 43386320
3	0. 86764508	0. 31639014

R= 8. 300

1	0. 10036196	0. 24928470
2	0. 46113636	0. 43365506
3	0. 86729929	0. 31705785

R= 8. 250

1	0. 10016254	0. 24881917
2	0. 46048389	0. 43344334
3	0. 86694844	0. 31773498

R= 8. 200

1	0. 09996063	0. 24834773
2	0. 45982269	0. 43322799
3	0. 86659245	0. 31842165

R= 8. 150

1	0. 09975623	0. 24787034
2	0. 45915267	0. 43300894
3	0. 86623125	0. 31911797

R= 8. 100

1	0. 09954929	0. 24738692
2	0. 45847373	0. 43278612
3	0. 86586478	0. 31982408

R= 8. 050

1	0. 09933981	0. 24689742
2	0. 45778577	0. 43255948
3	0. 86549295	0. 32054008

R= 8. 000

1	0. 09912776	0. 24640178
2	0. 45708869	0. 43232894
3	0. 86511569	0. 32126611

R= 7. 950

1	0. 09891310	0. 24589995
2	0. 45638238	0. 43209443
3	0. 86473292	0. 32200230

R= 7. 900

1	0. 09869583	0. 24539186
2	0. 45566675	0. 43185589
3	0. 86434457	0. 32274878

R= 7. 850

1	0. 09847592	0. 24487745
2	0. 45494168	0. 43161323
3	0. 86395055	0. 32350567

R= 7. 800

1	0. 09825333	0. 24435665
2	0. 45420707	0. 43136640
3	0. 86355078	0. 32427313

R= 7. 750

1	0. 09802805	0. 24382941
2	0. 45346281	0. 43111530
3	0. 86314517	0. 32505128

R= 7. 700

1	0. 09780005	0. 24329567
2	0. 45270879	0. 43085987
3	0. 86273364	0. 32584027

R= 7. 650

1	0. 09756931	0. 24275535
2	0. 45194490	0. 43060001
3	0. 86231611	0. 32664023

R= 7. 600

1	0. 09733579	0. 24220840
2	0. 45117102	0. 43033566
3	0. 86189248	0. 32745133

R= 7. 550

1	0. 09709948	0. 24165474
2	0. 45038703	0. 43006672
3	0. 86146265	0. 32827369

R= 7. 500

1	0. 09686035	0. 24109432
2	0. 44959283	0. 42979312
3	0. 86102654	0. 32910749

R= 7. 450

1	0. 09661837	0. 24052706
2	0. 44878829	0. 42951475
3	0. 86058405	0. 32995287

R= 7. 400

1	0. 09637351	0. 23995289
2	0. 44797328	0. 42923153
3	0. 86013508	0. 33080999

R= 7. 350

1	0. 09612575	0. 23937175
2	0. 44714769	0. 42894338
3	0. 85967952	0. 33167901

R= 7. 300

1	0. 09587506	0. 23878357
2	0. 44631139	0. 42865018
3	0. 85921729	0. 33256010

R= 7. 250

1	0. 09562141	0. 23818827
2	0. 44546425	0. 42835185
3	0. 85874826	0. 33345343

R= 7. 200

1	0. 09536477	0. 23758579
2	0. 44460614	0. 42804829
3	0. 85827233	0. 33435916

R= 7. 150

1	0. 09510512	0. 23697604
2	0. 44373693	0. 42773939
3	0. 85778940	0. 33527747

R= 7. 100

1	0. 09484242	0. 23635897
2	0. 44285649	0. 42742504
3	0. 85729934	0. 33620853

R= 7. 050

1	0. 09457666	0. 23573449
2	0. 44196467	0. 42710514
3	0. 85680205	0. 33715254

R= 7.000

1	0.09430778	0.23510252
2	0.44106134	0.42677958
3	0.85629739	0.33810968

R= 6.950

1	0.09403578	0.23446300
2	0.44014636	0.42644824
3	0.85578526	0.33908014

R= 6.900

1	0.09376062	0.23381584
2	0.43921958	0.42611101
3	0.85526553	0.34006410

R= 6.850

1	0.09348226	0.23316096
2	0.43828086	0.42576776
3	0.85473806	0.34106177

R= 6.800

1	0.09320067	0.23249829
2	0.43733005	0.42541837
3	0.85420272	0.34207335

R= 6.750

1	0.09291584	0.23182774
2	0.43636699	0.42506272
3	0.85365939	0.34309905

R= 6.700

1	0.09262771	0.23114923
2	0.43539153	0.42470067
3	0.85310792	0.34413908

R= 6.650

1	0.09233627	0.23046269
2	0.43440352	0.42433209
3	0.85254817	0.34519365

R= 6.600

1	0.09204147	0.22976801
2	0.43340279	0.42395684
3	0.85198000	0.34626299

R= 6.550

1	0.09174329	0.22906513
2	0.43238919	0.42357478
3	0.85140326	0.34734731

R= 6.500

1	0.09144169	0.22835395
2	0.43136254	0.42318576
3	0.85081779	0.34844685

R= 6.450

1	0.09113664	0.22763439
2	0.43032267	0.42278964
3	0.85022343	0.34956185

R= 6.400

1	0.09082810	0.22690635
2	0.42926942	0.42238627
3	0.84962004	0.35069254

R= 6.350

1	0.09051604	0.22616975
2	0.42820260	0.42197547
3	0.84900743	0.35183917

R= 6.300

1	0.09020043	0.22542449
2	0.42712204	0.42155710
3	0.84838544	0.35300200

R= 6.250

1	0.08988123	0.22467049
2	0.42602756	0.42113098
3	0.84775389	0.35418128

R= 6.200

1	0.08955839	0.22390764
2	0.42491897	0.42069695
3	0.84711261	0.35537727

R= 6.150

1	0.08923190	0.22313585
2	0.42379608	0.42025482
3	0.84646141	0.35659024

R= 6.100

1	0.08890170	0.22235503
2	0.42265870	0.41980441
3	0.84580010	0.35782047

R= 6.050

1	0.08856776	0.22156508
2	0.42150663	0.41934554
3	0.84512849	0.35906825

R= 6.000

1	0.08823005	0.22076589
2	0.42033966	0.41887802
3	0.84444637	0.36033386

R= 5.950

1	0.08788853	0.21995737
2	0.41915760	0.41840164
3	0.84375354	0.36161759

R= 5.900

1	0.08754315	0.21913941
2	0.41796024	0.41791621
3	0.84304978	0.36291975

R= 5.850

1	0.08719387	0.21831191
2	0.41674736	0.41742150
3	0.84233489	0.36424065

R= 5.800

1	0.08684066	0.21747476
2	0.41551874	0.41691731
3	0.84160863	0.36558061

R= 5.750

1	0.08648348	0.21662786
2	0.41427417	0.41640342
3	0.84087077	0.36693996

R= 5.700

1	0.08612229	0.21577110
2	0.41301342	0.41587959
3	0.84012107	0.36831902

R= 5.650

1	0.08575704	0.21490436
2	0.41173624	0.41534559
3	0.83935929	0.36971813

R= 5.600

1	0.08538768	0.21402753
2	0.41044242	0.41480118
3	0.83858518	0.37113766

R= 5.550

1	0.08501419	0.21314050
2	0.40913171	0.41424610
3	0.83779847	0.37257796

R= 5.500

1	0.08463651	0.21224316
2	0.40780386	0.41368010
3	0.83699890	0.37403939

R= 5.450

1	0.08425460	0.21133538
2	0.40645862	0.41310292
3	0.83618619	0.37552233

R= 5.400

1	0.08386842	0.21041705
2	0.40509574	0.41251426
3	0.83536005	0.37702717

R= 5.350

1	0.08347792	0.20948804
2	0.40371495	0.41191387
3	0.83452020	0.37855431

R= 5.300

1	0.08308305	0.20854823
2	0.40231598	0.41130144
3	0.83366632	0.38010416

R= 5.250

1	0.08268377	0.20759750
2	0.40089856	0.41067667
3	0.83279811	0.38167712

R= 5.200

1	0.08228003	0.20663572
2	0.39946242	0.41003925
3	0.83191524	0.38327363

R= 5.150

1	0.08187179	0.20566275
2	0.39800726	0.40938887
3	0.83101738	0.38489413

R= 5.100

1	0.08145898	0.20467848
2	0.39653280	0.40872519
3	0.83010419	0.38653907

R= 5.050

1	0.08104157	0.20368276
2	0.39503873	0.40804788
3	0.82917530	0.38820891

R= 5.000

1	0.08061951	0.20267545
2	0.39352475	0.40735658
3	0.82823035	0.38990413

R= 4.950

1	0.08019274	0.20165643
2	0.39199055	0.40665093
3	0.82726897	0.39162522

R= 4.900

1	0.07976121	0.20062555
2	0.39043581	0.40593056
3	0.82629075	0.39337267

R= 4.850

1	0.07932487	0.19958266
2	0.38886020	0.40519508
3	0.82529530	0.39514700

R= 4.800

1	0.07888367	0.19852763
2	0.38726338	0.40444409
3	0.82428219	0.39694874

R= 4.750

1	0.07843755	0.19746030
2	0.38564502	0.40367718
3	0.82325099	0.39877844

R= 4.700

1	0.07798646	0.19638053
2	0.38400476	0.40289393
3	0.82220125	0.40063664

R= 4.650

1	0.07753034	0.19528816
2	0.38234225	0.40209389
3	0.82113251	0.40252394

R= 4.600

1	0.07706914	0.19418304
2	0.38065712	0.40127661
3	0.82004427	0.40444090

R= 4.550

1	0.07660279	0.19306501
2	0.37894899	0.40044162
3	0.81893605	0.40638815

R= 4.500

1	0.07613124	0.19193391
2	0.37721747	0.39958844
3	0.81780733	0.40836629

R= 4.450

1	0.07565444	0.19078958
2	0.37546218	0.39871655
3	0.81665756	0.41037599

R= 4.400

1	0.07517231	0.18963185
2	0.37368271	0.39782546
3	0.81548619	0.41241788

R= 4.350

1	0.07468481	0.18846054
2	0.37187864	0.39691460
3	0.81429265	0.41449266

R= 4.300

1	0.07419186	0.18727550
2	0.37004954	0.39598344
3	0.81307634	0.41660102

R= 4.250

1	0.07369341	0.18607654
2	0.36819499	0.39503139
3	0.81183663	0.41874367

R= 4. 200

1	0. 07318939	0. 18486349
2	0. 36631454	0. 39405786
3	0. 81057288	0. 42092136

R= 4. 150

1	0. 07267973	0. 18363616
2	0. 36440772	0. 39306222
3	0. 80928441	0. 42313484

R= 4. 100

1	0. 07216437	0. 18239437
2	0. 36247407	0. 39204385
3	0. 80797054	0. 42538490

R= 4. 050

1	0. 07164325	0. 18113794
2	0. 36051310	0. 39100208
3	0. 80663053	0. 42767235

R= 4. 000

1	0. 07111629	0. 17986666
2	0. 35852433	0. 38993623
3	0. 80526363	0. 42999801

R= 3. 950

1	0. 07058342	0. 17858035
2	0. 35650723	0. 38884557
3	0. 80386906	0. 43236274

R= 3. 900

1	0. 07004458	0. 17727880
2	0. 35446129	0. 38772938
3	0. 80244599	0. 43476742

R= 3. 850

1	0. 06949969	0. 17596182
2	0. 35238598	0. 38658689
3	0. 80099359	0. 43721295

R= 3. 800

1	0. 06894868	0. 17462919
2	0. 35028074	0. 38541731
3	0. 79951095	0. 43970027

R= 3. 750

1	0. 06839147	0. 17328071
2	0. 34814500	0. 38421981
3	0. 79799716	0. 44223035

R= 3. 700

1	0. 06782800	0. 17191615
2	0. 34597819	0. 38299354
3	0. 79645124	0. 44480417

R= 3. 650

1	0. 06725817	0. 17053531
2	0. 34377970	0. 38173762
3	0. 79487220	0. 44742276

R= 3. 600

1	0. 06668192	0. 16913796
2	0. 34154893	0. 38045112
3	0. 79325899	0. 45008717

R= 3. 550

1	0. 06609916	0. 16772387
2	0. 33928523	0. 37913309
3	0. 79161050	0. 45279849

R= 3. 500

1	0. 06550982	0. 16629281
2	0. 33698795	0. 37778253
3	0. 78992558	0. 45555784

R= 3. 450

1	0. 06491381	0. 16484454
2	0. 33465644	0. 37639841
3	0. 78820305	0. 45836637

R= 3. 400

1	0. 06431104	0. 16337882
2	0. 33228999	0. 37497966
3	0. 78644163	0. 46122528

R= 3. 350

1	0. 06370144	0. 16189540
2	0. 32988789	0. 37352515
3	0. 78464002	0. 46413579

R= 3. 300

1	0. 06308491	0. 16039403
2	0. 32744942	0. 37203373
3	0. 78279684	0. 46709917

R= 3. 250

1	0. 06246136	0. 15887446
2	0. 32497382	0. 37050419
3	0. 78091065	0. 47011672

R= 3. 200

1	0. 06183071	0. 15733642
2	0. 32246031	0. 36893526
3	0. 77897993	0. 47318980

R= 3. 150

1	0. 06119286	0. 15577964
2	0. 31990809	0. 36732564
3	0. 77700309	0. 47631978

R= 3. 100

1	0. 06054771	0. 15420386
2	0. 31731633	0. 36567396
3	0. 77497846	0. 47950811

R= 3. 050

1	0. 05989518	0. 15260878
2	0. 31468418	0. 36397878
3	0. 77290430	0. 48275626

R= 3. 000

1	0. 05923516	0. 15099412
2	0. 31201076	0. 36223863
3	0. 77077875	0. 48606575

R= 2. 950

1	0. 05856756	0. 14935960
2	0. 30929515	0. 36045196
3	0. 76859988	0. 48943815

R= 2. 900

1	0. 05789227	0. 14770490
2	0. 30653643	0. 35861715
3	0. 76636564	0. 49287508

R= 2. 850

1	0. 05720919	0. 14602973
2	0. 30373361	0. 35673250
3	0. 76407387	0. 49637821

R= 2. 800

1	0. 05651821	0. 14433378
2	0. 30088570	0. 35479625
3	0. 76172231	0. 49994924

R= 2. 750

1	0. 05581923	0. 14261671
2	0. 29799166	0. 35280656
3	0. 75930855	0. 50358995

R= 2. 700

1	0. 05511213	0. 14087821
2	0. 29505041	0. 35076150
3	0. 75683005	0. 50730216

R= 2. 650

1	0. 05439680	0. 13911794
2	0. 29206083	0. 34865906
3	0. 75428415	0. 51108774

R= 2. 600

1	0. 05367313	0. 13733555
2	0. 28902179	0. 34649711
3	0. 75166799	0. 51494860

R= 2. 550

1	0. 05294099	0. 13553069
2	0. 28593209	0. 34427346
3	0. 74897857	0. 51888674

R= 2. 500

1	0. 05220027	0. 13370300
2	0. 28279049	0. 34198577
3	0. 74621271	0. 52290417

R= 2. 450

1	0. 05145085	0. 13185212
2	0. 27959571	0. 33963164
3	0. 74336702	0. 52700298

R= 2. 400

1	0. 05069259	0. 12997765
2	0. 27634642	0. 33720849
3	0. 74043789	0. 53118530

R= 2. 350

1	0. 04992537	0. 12807922
2	0. 27304124	0. 33471368
3	0. 73742151	0. 53545330

R= 2. 300

1	0. 04914906	0. 12615641
2	0. 26967874	0. 33214438
3	0. 73431379	0. 53980922

R= 2. 250

1	0. 04836352	0. 12420883
2	0. 26625742	0. 32949765
3	0. 73111040	0. 54425532

R= 2. 200

1	0. 04756862	0. 12223605
2	0. 26277574	0. 32677038
3	0. 72780669	0. 54879390

R= 2. 150

1	0. 04676420	0. 12023764
2	0. 25923208	0. 32395932
3	0. 72439770	0. 55342731

R= 2. 100

1	0. 04595013	0. 11821315
2	0. 25562477	0. 32106101
3	0. 72087812	0. 55815790

R= 2. 050

1	0. 04512626	0. 11616213
2	0. 25195206	0. 31807185
3	0. 71724226	0. 56298806

R= 2. 000

1	0. 04429242	0. 11408409
2	0. 24821213	0. 31498801
3	0. 71348403	0. 56792016

R= 1. 950

1	0. 04344848	0. 11197857
2	0. 24440306	0. 31180546
3	0. 70959684	0. 57295657

R= 1. 900

1	0. 04259425	0. 10984506
2	0. 24052289	0. 30851994
3	0. 70557364	0. 57809964

R= 1. 850

1	0. 04172959	0. 10768304
2	0. 23656953	0. 30512694
3	0. 70140679	0. 58335164

R= 1. 800

1	0. 04085430	0. 10549198
2	0. 23254081	0. 30162170
3	0. 69708808	0. 58871479

R= 1. 750

1	0. 03996823	0. 10327134
2	0. 22843447	0. 29799918
3	0. 69260857	0. 59419117

R= 1. 700

1	0. 03907119	0. 10102055
2	0. 22424812	0. 29425401
3	0. 68795861	0. 59978274

R= 1. 650

1	0. 03816299	0. 09873903
2	0. 21997927	0. 29038052
3	0. 68312771	0. 60549123

R= 1. 600

1	0. 03724343	0. 09642617
2	0. 21562530	0. 28637267
3	0. 67810442	0. 61131810

R= 1. 550

1	0. 03631233	0. 09408134
2	0. 21118346	0. 28222403
3	0. 67287626	0. 61726447

R= 1. 500

1	0. 03536947	0. 09170390
2	0. 20665085	0. 27792776
3	0. 66742960	0. 62333104

R= 1. 450

1	0. 03441464	0. 08929318
2	0. 20202444	0. 27347655
3	0. 66174947	0. 62951793

R= 1.400
1 0.03344762 0.08684848
2 0.19730099 0.26886262
3 0.65581940 0.63582457

R= 1.350
1 0.03246819 0.08436907
2 0.19247712 0.26407762
3 0.64962125 0.64224953

R= 1.300
1 0.03147610 0.08185420
2 0.18754925 0.25911260
3 0.64313496 0.64879025

R= 1.250
1 0.03047111 0.07930309
2 0.18251356 0.25395799
3 0.63633824 0.65544283

R= 1.200
1 0.02945296 0.07671491
2 0.17736602 0.24860346
3 0.62920631 0.66220160

R= 1.150
1 0.02842140 0.07408881
2 0.17210235 0.24303791
3 0.62171143 0.66905877

R= 1.100
1 0.02737613 0.07142389
2 0.16671798 0.23724934
3 0.61382252 0.67600378

R= 1.050
1 0.02631687 0.06871921
2 0.16120805 0.23122477
3 0.60550450 0.68302264

R= 1.000
1 0.02524330 0.06597379
2 0.15556733 0.22495013
3 0.59671769 0.69009699

R= 0.950
1 0.02415512 0.06318659
2 0.14979026 0.21841012
3 0.58741688 0.69720289

R= 0.900
1 0.02305199 0.06035652
2 0.14387082 0.21158803
3 0.57755034 0.70430926

R= 0.850
1 0.02193353 0.05748240
2 0.13780253 0.20446561
3 0.56705848 0.71137577

R= 0.800
1 0.02079939 0.05456300
2 0.13157840 0.19702278
3 0.55587219 0.71835006

R= 0.750
1 0.01964914 0.05159702
2 0.12519081 0.18923743
3 0.54391069 0.72516395

R= 0.700
1 0.01848237 0.04858304
2 0.11863145 0.18108507
3 0.53107875 0.73172822

R= 0.650
1 0.01729861 0.04551954
2 0.11189122 0.17253843
3 0.51726308 0.73792530

R= 0.600
1 0.01609736 0.04240490
2 0.10496009 0.16356699
3 0.50232732 0.74359886

R= 0.550
1 0.01487807 0.03923732
2 0.09782692 0.15413633
3 0.48610533 0.74853872

R= 0.500
1 0.01364015 0.03601485
2 0.09047926 0.14420738
3 0.46839171 0.75245818

R= 0.450
1 0.01238294 0.03273531
2 0.08290306 0.13373530
3 0.44892813 0.75495935

R= 0.400
1 0.01110569 0.02939626
2 0.07508225 0.12266813
3 0.42738290 0.75547789

R= 0.350
1 0.00980756 0.02599493
2 0.06699828 0.11094473
3 0.40331943 0.75319125

R= 0.300
1 0.00848756 0.02252808
2 0.05862922 0.09849188
3 0.37614471 0.74685832

R= 0.250
1 0.00848756 0.02252808
2 0.05862922 0.09849188
3 0.37614471 0.74685832

For N=4

R=10.000
1 0.05944793 0.14970593
2 0.28954272 0.29683723
3 0.61842967 0.33938696
4 0.91215690 0.21406979

R= 9.950
1 0.05933221 0.14942333
2 0.28906157 0.29647331
3 0.61779267 0.33952597
4 0.91192136 0.21457729

R= 9.900
1 0.05921547 0.14913823
2 0.28857597 0.29610570
3 0.61714925 0.33966576
4 0.91168322 0.21509021

R= 9. 850

1	0. 05909771	0. 14885061
2	0. 28808590	0. 29573438
3	0. 61649934	0. 33980631
4	0. 91144245	0. 21560860

R= 9. 800

1	0. 05897892	0. 14856044
2	0. 28759132	0. 29535929
3	0. 61584289	0. 33994763
4	0. 91119903	0. 21613253

R= 9. 750

1	0. 05885910	0. 14826772
2	0. 28709219	0. 29498042
3	0. 61517982	0. 34008969
4	0. 91095291	0. 21666206

R= 9. 700

1	0. 05873824	0. 14797242
2	0. 28658848	0. 29459771
3	0. 61451008	0. 34023249
4	0. 91070406	0. 21719727

R= 9. 650

1	0. 05861633	0. 14767453
2	0. 28608015	0. 29421113
3	0. 61383358	0. 34037602
4	0. 91045245	0. 21773821

R= 9. 600

1	0. 05849337	0. 14737402
2	0. 28556716	0. 29382064
3	0. 61315027	0. 34052027
4	0. 91019805	0. 21828494

R= 9. 550

1	0. 05836935	0. 14707088
2	0. 28504948	0. 29342621
3	0. 61246007	0. 34066523
4	0. 90994082	0. 21883755

R= 9. 500

1	0. 05824425	0. 14676508
2	0. 28452706	0. 29302779
3	0. 61176292	0. 34081088
4	0. 90968071	0. 21939610

R= 9. 450

1	0. 05811808	0. 14645662
2	0. 28399988	0. 29262534
3	0. 61105874	0. 34095723
4	0. 90941770	0. 21996067

R= 9. 400

1	0. 05799083	0. 14614547
2	0. 28346789	0. 29221883
3	0. 61034745	0. 34110424
4	0. 90915175	0. 22053131

R= 9. 350

1	0. 05786248	0. 14583160
2	0. 28293105	0. 29180821
3	0. 60962899	0. 34125192
4	0. 90888282	0. 22110811

R= 9. 300

1	0. 05773303	0. 14551501
2	0. 28238933	0. 29139344
3	0. 60890328	0. 34140024
4	0. 90861086	0. 22169114

R= 9. 250

1	0. 05760248	0. 14519567
2	0. 28184267	0. 29097447
3	0. 60817025	0. 34154919
4	0. 90833585	0. 22228048

R= 9. 200

1	0. 05747081	0. 14487356
2	0. 28129106	0. 29055128
3	0. 60742981	0. 34169877
4	0. 90805773	0. 22287621

R= 9. 150

1	0. 05733802	0. 14454866
2	0. 28073443	0. 29012380
3	0. 60668188	0. 34184894
4	0. 90777647	0. 22347840

R= 9. 100

1	0. 05720410	0. 14422096
2	0. 28017275	0. 28969200
3	0. 60592640	0. 34199971
4	0. 90749202	0. 22408713

R= 9. 050

1	0. 05706903	0. 14389042
2	0. 27960599	0. 28925583
3	0. 60516327	0. 34215104
4	0. 90720434	0. 22470249

R= 9. 000

1	0. 05693283	0. 14355703
2	0. 27903409	0. 28881525
3	0. 60439241	0. 34230293
4	0. 90691339	0. 22532457

R= 8. 950

1	0. 05679546	0. 14322078
2	0. 27845701	0. 28837020
3	0. 60361374	0. 34245535
4	0. 90661912	0. 22595343

R= 8. 900

1	0. 05665694	0. 14288162
2	0. 27787472	0. 28792065
3	0. 60282718	0. 34260829
4	0. 90632148	0. 22658918

R= 8. 850

1	0. 05651724	0. 14253956
2	0. 27728716	0. 28746655
3	0. 60203263	0. 34276173
4	0. 90602043	0. 22723190

R= 8. 800

1	0. 05637636	0. 14219456
2	0. 27669430	0. 28700784
3	0. 60123002	0. 34291564
4	0. 90571592	0. 22788168

R= 8. 750

1	0. 05623430	0. 14184660
2	0. 27609609	0. 28654448
3	0. 60041924	0. 34307001
4	0. 90540790	0. 22853862

R= 8. 700

1	0. 05609103	0. 14149567
2	0. 27549248	0. 28607642
3	0. 59960021	0. 34322482
4	0. 90509632	0. 22920279

R= 8. 650

1	0. 05594657	0. 14114173
2	0. 27488343	0. 28560360
3	0. 59877285	0. 34338004
4	0. 90478113	0. 22987431

R= 8. 600

1	0. 05580089	0. 14078477
2	0. 27426889	0. 28512598
3	0. 59793704	0. 34353565
4	0. 90446228	0. 23055327

R= 8. 550

1	0. 05565398	0. 14042476
2	0. 27364882	0. 28464350
3	0. 59709270	0. 34369162
4	0. 90413971	0. 23123976

R= 8. 500

1	0. 05550585	0. 14006169
2	0. 27302316	0. 28415612
3	0. 59623973	0. 34384793
4	0. 90381337	0. 23193389

R= 8. 450

1	0. 05535648	0. 13969552
2	0. 27239188	0. 28366377
3	0. 59537804	0. 34400456
4	0. 90348321	0. 23263577

R= 8. 400

1	0. 05520585	0. 13932624
2	0. 27175492	0. 28316640
3	0. 59450752	0. 34416147
4	0. 90314916	0. 23334548

R= 8. 350

1	0. 05505397	0. 13895381
2	0. 27111223	0. 28266396
3	0. 59362806	0. 34431864
4	0. 90281117	0. 23406315

R= 8. 300

1	0. 05490082	0. 13857823
2	0. 27046376	0. 28215640
3	0. 59273958	0. 34447604
4	0. 90246919	0. 23478888

R= 8. 250

1	0. 05474640	0. 13819946
2	0. 26980946	0. 28164364
3	0. 59184195	0. 34463364
4	0. 90212314	0. 23552278

R= 8. 200

1	0. 05459069	0. 13781748
2	0. 26914929	0. 28112564
3	0. 59093508	0. 34479141
4	0. 90177297	0. 23626497

R= 8. 150

1	0. 05443368	0. 13743227
2	0. 26848319	0. 28060234
3	0. 59001885	0. 34494931
4	0. 90141861	0. 23701556

R= 8. 100

1	0. 05427538	0. 13704380
2	0. 26781111	0. 28007367
3	0. 58909315	0. 34510731
4	0. 90106001	0. 23777468

R= 8. 050

1	0. 05411575	0. 13665204
2	0. 26713299	0. 27953958
3	0. 58815788	0. 34526538
4	0. 90069708	0. 23854243

R= 8. 000

1	0. 05395481	0. 13625697
2	0. 26644879	0. 27900000
3	0. 58721291	0. 34542348
4	0. 90032978	0. 23931894

R= 7. 950

1	0. 05379253	0. 13585857
2	0. 26575845	0. 27845487
3	0. 58625813	0. 34558157
4	0. 89995802	0. 24010434

R= 7. 900

1	0. 05362890	0. 13545681
2	0. 26506191	0. 27790413
3	0. 58529342	0. 34573962
4	0. 89958174	0. 24089876

R= 7. 850

1	0. 05346393	0. 13505167
2	0. 26435912	0. 27734772
3	0. 58431866	0. 34589758
4	0. 89920087	0. 24170233

R= 7. 800

1	0. 05329759	0. 13464311
2	0. 26365002	0. 27678556
3	0. 58333372	0. 34605541
4	0. 89881532	0. 24251518

R= 7. 750

1	0. 05312988	0. 13423111
2	0. 26293457	0. 27621759
3	0. 58233849	0. 34621308
4	0. 89842503	0. 24333744

R= 7. 700

1	0. 05296078	0. 13381565
2	0. 26221269	0. 27564374
3	0. 58133283	0. 34637053
4	0. 89802992	0. 24416926

R= 7.650

1	0.05279030	0.13339670
2	0.26148433	0.27506394
3	0.58031661	0.34652771
4	0.89762991	0.24501078

R= 7.600

1	0.05261841	0.13297423
2	0.26074944	0.27447813
3	0.57928970	0.34668459
4	0.89722491	0.24586214

R= 7.550

1	0.05244510	0.13254821
2	0.26000795	0.27388623
3	0.57825196	0.34684111
4	0.89681486	0.24672350

R= 7.500

1	0.05227037	0.13211861
2	0.25925980	0.27328816
3	0.57720327	0.34699722
4	0.89639965	0.24759499

R= 7.450

1	0.05209421	0.13168542
2	0.25850494	0.27268386
3	0.57614347	0.34715287
4	0.89597921	0.24847678

R= 7.400

1	0.05191659	0.13124859
2	0.25774329	0.27207325
3	0.57507243	0.34730800
4	0.89555344	0.24936903

R= 7.350

1	0.05173753	0.13080811
2	0.25697481	0.27145626
3	0.57399001	0.34746256
4	0.89512226	0.25027189

R= 7.300

1	0.05155699	0.13036394
2	0.25619942	0.27083280
3	0.57289605	0.34761649
4	0.89468556	0.25118553

R= 7.250

1	0.05137497	0.12991605
2	0.25541706	0.27020280
3	0.57179040	0.34776972
4	0.89424327	0.25211012

R= 7.200

1	0.05119147	0.12946442
2	0.25462766	0.26956617
3	0.57067291	0.34792220
4	0.89379527	0.25304584

R= 7.150

1	0.05100646	0.12900900
2	0.25383117	0.26892284
3	0.56954343	0.34807386
4	0.89334147	0.25399285

R= 7.100

1	0.05081994	0.12854979
2	0.25302751	0.26827272
3	0.56840179	0.34822462
4	0.89288176	0.25495134

R= 7.050

1	0.05063190	0.12808673
2	0.25221662	0.26761574
3	0.56724784	0.34837443
4	0.89241605	0.25592149

R= 7.000

1	0.05044232	0.12761981
2	0.25139842	0.26695179
3	0.56608141	0.34852321
4	0.89194421	0.25690348

R= 6.950

1	0.05025119	0.12714899
2	0.25057285	0.26628080
3	0.56490233	0.34867089
4	0.89146615	0.25789752

R= 6.900

1	0.05005850	0.12667425
2	0.24973984	0.26560268
3	0.56371043	0.34881738
4	0.89098175	0.25890380

R= 6.850

1	0.04986425	0.12619554
2	0.24889932	0.26491733
3	0.56250553	0.34896262
4	0.89049089	0.25992252

R= 6.800

1	0.04966840	0.12571283
2	0.24805121	0.26422467
3	0.56128745	0.34910651
4	0.88999345	0.26095389

R= 6.750

1	0.04947097	0.12522610
2	0.24719544	0.26352460
3	0.56005603	0.34924897
4	0.88948931	0.26199811

R= 6.700

1	0.04927192	0.12473532
2	0.24633194	0.26281703
3	0.55881105	0.34938991
4	0.88897835	0.26305540

R= 6.650

1	0.04907126	0.12424044
2	0.24546064	0.26210186
3	0.55755235	0.34952924
4	0.88846043	0.26412599

R= 6.600

1	0.04886896	0.12374144
2	0.24458145	0.26137899
3	0.55627973	0.34966687
4	0.88793543	0.26521010

R= 6.550

1	0.04866501	0.12323828
2	0.24369430	0.26064832
3	0.55499298	0.34980270
4	0.88740321	0.26630795

R= 6.500

1	0.04845941	0.12273092
2	0.24279911	0.25990975
3	0.55369191	0.34993663
4	0.88686363	0.26741980

R= 6.450

1	0.04825214	0.12221934
2	0.24189580	0.25916318
3	0.55237632	0.35006854
4	0.88631654	0.26854587

R= 6.400

1	0.04804318	0.12170350
2	0.24098430	0.25840849
3	0.55104599	0.35019834
4	0.88576180	0.26968642

R= 6.350

1	0.04783252	0.12118337
2	0.24006451	0.25764559
3	0.54970071	0.35032592
4	0.88519926	0.27084171

R= 6.300

1	0.04762015	0.12065890
2	0.23913637	0.25687437
3	0.54834026	0.35045114
4	0.88462876	0.27201199

R= 6.250

1	0.04740606	0.12013006
2	0.23819978	0.25609470
3	0.54696442	0.35057390
4	0.88405015	0.27319753

R= 6.200

1	0.04719023	0.11959681
2	0.23725466	0.25530648
3	0.54557296	0.35069407
4	0.88346325	0.27439860

R= 6.150

1	0.04697265	0.11905913
2	0.23630092	0.25450960
3	0.54416566	0.35081152
4	0.88286791	0.27561549

R= 6.100

1	0.04675330	0.11851696
2	0.23533848	0.25370392
3	0.54274227	0.35092612
4	0.88226394	0.27684848

R= 6.050

1	0.04653218	0.11797028
2	0.23436724	0.25288935
3	0.54130255	0.35103773
4	0.88165118	0.27809787

R= 6.000

1	0.04630926	0.11741905
2	0.23338713	0.25206574
3	0.53984626	0.35114620
4	0.88102943	0.27936397

R= 5.950

1	0.04608453	0.11686322
2	0.23239804	0.25123299
3	0.53837314	0.35125139
4	0.88039851	0.28064707

R= 5.900

1	0.04585798	0.11630276
2	0.23139988	0.25039096
3	0.53688293	0.35135314
4	0.87975823	0.28194750

R= 5.850

1	0.04562959	0.11573763
2	0.23039257	0.24953951
3	0.53537537	0.35145130
4	0.87910837	0.28326558

R= 5.800

1	0.04539935	0.11516779
2	0.22937600	0.24867853
3	0.53385020	0.35154570
4	0.87844875	0.28460166

R= 5.750

1	0.04516724	0.11459320
2	0.22835008	0.24780788
3	0.53230712	0.35163617
4	0.87777914	0.28595607

R= 5.700

1	0.04493325	0.11401382
2	0.22731471	0.24692741
3	0.53074588	0.35172253
4	0.87709934	0.28732916

R= 5.650

1	0.04469736	0.11342960
2	0.22626980	0.24603700
3	0.52916616	0.35180460
4	0.87640910	0.28872131

R= 5.600

1	0.04445956	0.11284051
2	0.22521523	0.24513649
3	0.52756769	0.35188218
4	0.87570821	0.29013287

R= 5.550

1	0.04421983	0.11224650
2	0.22415091	0.24422574
3	0.52595016	0.35195509
4	0.87499642	0.29156424

R= 5.500

1	0.04397816	0.11164754
2	0.22307674	0.24330462
3	0.52431326	0.35202312
4	0.87427349	0.29301580

R= 5.450

1	0.04373453	0.11104357
2	0.22199261	0.24237295
3	0.52265668	0.35208606
4	0.87353916	0.29448796

R= 5.400

1	0.04348892	0.11043455
2	0.22089840	0.24143060
3	0.52098009	0.35214369
4	0.87279317	0.29598113

R= 5.350

1	0.04324132	0.10982045
2	0.21979402	0.24047740
3	0.51928316	0.35219578
4	0.87203525	0.29749574

R= 5.300

1	0.04299171	0.10920121
2	0.21867936	0.23951320
3	0.51756556	0.35224209
4	0.87126512	0.29903223

R= 5.250

1	0.04274007	0.10857679
2	0.21755429	0.23853783
3	0.51582694	0.35228238
4	0.87048250	0.30059103

R= 5.200

1	0.04248640	0.10794715
2	0.21641871	0.23755112
3	0.51406694	0.35231641
4	0.86968708	0.30217263

R= 5.150

1	0.04223066	0.10731223
2	0.21527250	0.23655291
3	0.51228520	0.35234390
4	0.86887857	0.30377748

R= 5.100

1	0.04197285	0.10667200
2	0.21411554	0.23554302
3	0.51048136	0.35236458
4	0.86805663	0.30540609

R= 5.050

1	0.04171294	0.10602640
2	0.21294772	0.23452128
3	0.50865503	0.35237817
4	0.86722095	0.30705896

R= 5.000

1	0.04145092	0.10537538
2	0.21176891	0.23348751
3	0.50680581	0.35238438
4	0.86637118	0.30873659

R= 4.950

1	0.04118677	0.10471891
2	0.21057899	0.23244151
3	0.50493332	0.35238290
4	0.86550698	0.31043953

R= 4.900

1	0.04092048	0.10405692
2	0.20937784	0.23138311
3	0.50303713	0.35237342
4	0.86462798	0.31216833

R= 4.850

1	0.04065202	0.10338937
2	0.20816532	0.23031212
3	0.50111684	0.35235560
4	0.86373380	0.31392354

R= 4.800

1	0.04038137	0.10271620
2	0.20694130	0.22922832
3	0.49917201	0.35232911
4	0.86282407	0.31570576

R= 4.750

1	0.04010852	0.10203738
2	0.20570567	0.22813154
3	0.49720219	0.35229359
4	0.86189836	0.31751557

R= 4.700

1	0.03983345	0.10135284
2	0.20445827	0.22702156
3	0.49520695	0.35224868
4	0.86095628	0.31935361

R= 4.650

1	0.03955614	0.10066253
2	0.20319899	0.22589817
3	0.49318580	0.35219399
4	0.85999738	0.32122050

R= 4.600

1	0.03927658	0.09996641
2	0.20192767	0.22476115
3	0.49113827	0.35212912
4	0.85902123	0.32311691

R= 4.550

1	0.03899473	0.09926441
2	0.20064417	0.22361031
3	0.48906388	0.35205366
4	0.85802735	0.32504350

R= 4.500

1	0.03871058	0.09855648
2	0.19934837	0.22244540
3	0.48696212	0.35196719
4	0.85701526	0.32700098

R= 4.450

1	0.03842411	0.09784256
2	0.19804010	0.22126620
3	0.48483248	0.35186925
4	0.85598447	0.32899007

R= 4.400

1	0.03813531	0.09712261
2	0.19671922	0.22007248
3	0.48267443	0.35175938
4	0.85493445	0.33101151

R= 4. 350

1	0. 03784414	0. 09639657
2	0. 19538559	0. 21886401
3	0. 48048741	0. 35163710
4	0. 85386468	0. 33306606

R= 4. 300

1	0. 03755059	0. 09566437
2	0. 19403904	0. 21764053
3	0. 47827089	0. 35150191
4	0. 85277459	0. 33515453

R= 4. 250

1	0. 03725464	0. 09492595
2	0. 19267942	0. 21640180
3	0. 47602426	0. 35135328
4	0. 85166360	0. 33727771

R= 4. 200

1	0. 03695627	0. 09418127
2	0. 19130658	0. 21514757
3	0. 47374696	0. 35119066
4	0. 85053110	0. 33943647

R= 4. 150

1	0. 03665546	0. 09343026
2	0. 18992035	0. 21387757
3	0. 47143837	0. 35101350
4	0. 84937648	0. 34163167

R= 4. 100

1	0. 03635218	0. 09267286
2	0. 18852057	0. 21259155
3	0. 46909786	0. 35082120
4	0. 84819907	0. 34386421

R= 4. 050

1	0. 03604641	0. 09190901
2	0. 18710706	0. 21128922
3	0. 46672480	0. 35061314
4	0. 84699820	0. 34613503

R= 4. 000

1	0. 03573812	0. 09113864
2	0. 18567967	0. 20997031
3	0. 46431853	0. 35038869
4	0. 84577315	0. 34844508

R= 3. 950

1	0. 03542731	0. 09036170
2	0. 18423822	0. 20863454
3	0. 46187835	0. 35014717
4	0. 84452320	0. 35079536

R= 3. 900

1	0. 03511394	0. 08957811
2	0. 18278252	0. 20728161
3	0. 45940358	0. 34988790
4	0. 84324758	0. 35318690

R= 3. 850

1	0. 03479799	0. 08878782
2	0. 18131241	0. 20591122
3	0. 45689349	0. 34961013
4	0. 84194548	0. 35562078

R= 3. 800

1	0. 03447943	0. 08799076
2	0. 17982769	0. 20452308
3	0. 45434735	0. 34931313
4	0. 84061606	0. 35809808

R= 3. 750

1	0. 03415825	0. 08718686
2	0. 17832818	0. 20311685
3	0. 45176438	0. 34899608
4	0. 83925846	0. 36061995

R= 3. 700

1	0. 03383442	0. 08637605
2	0. 17681369	0. 20169224
3	0. 44914379	0. 34865818
4	0. 83787177	0. 36318758

R= 3. 650

1	0. 03350791	0. 08555827
2	0. 17528402	0. 20024889
3	0. 44648478	0. 34829855
4	0. 83645502	0. 36580219

R= 3. 600

1	0. 03317870	0. 08473344
2	0. 17373899	0. 19878649
3	0. 44378651	0. 34791631
4	0. 83500724	0. 36846504

R= 3. 550

1	0. 03284677	0. 08390150
2	0. 17217837	0. 19730468
3	0. 44104811	0. 34751050
4	0. 83352738	0. 37117746

R= 3. 500

1	0. 03251208	0. 08306237
2	0. 17060198	0. 19580311
3	0. 43826870	0. 34708015
4	0. 83201434	0. 37394080

R= 3. 450

1	0. 03217462	0. 08221598
2	0. 16900960	0. 19428142
3	0. 43544734	0. 34662422
4	0. 83046699	0. 37675648

R= 3. 400

1	0. 03183435	0. 08136226
2	0. 16740101	0. 19273924
3	0. 43258310	0. 34614165
4	0. 82888414	0. 37962597

R= 3. 350

1	0. 03149125	0. 08050112
2	0. 16577600	0. 19117617
3	0. 42967499	0. 34563131
4	0. 82726454	0. 38255079

R= 3. 300

1	0. 03114529	0. 07963251
2	0. 16413434	0. 18959184
3	0. 42672200	0. 34509202
4	0. 82560686	0. 38553251

R= 3. 250

1	0. 03079645	0. 07875632
2	0. 16247581	0. 18798585
3	0. 42372308	0. 34452256
4	0. 82390973	0. 38857277

R= 3. 200

1	0. 03044470	0. 07787250
2	0. 16080017	0. 18635777
3	0. 42067714	0. 34392163
4	0. 82217171	0. 39167328

R= 3. 150

1	0. 03009000	0. 07698095
2	0. 15910719	0. 18470718
3	0. 41758308	0. 34328787
4	0. 82039127	0. 39483581

R= 3. 100

1	0. 02973233	0. 07608160
2	0. 15739662	0. 18303366
3	0. 41443973	0. 34261989
4	0. 81856681	0. 39806219

R= 3. 050

1	0. 02937167	0. 07517436
2	0. 15566821	0. 18133675
3	0. 41124589	0. 34191618
4	0. 81669665	0. 40135433

R= 3. 000

1	0. 02900797	0. 07425915
2	0. 15392172	0. 17961600
3	0. 40800032	0. 34117519
4	0. 81477901	0. 40471422

R= 2. 950

1	0. 02864122	0. 07333589
2	0. 15215688	0. 17787094
3	0. 40470173	0. 34039529
4	0. 81281203	0. 40814392

R= 2. 900

1	0. 02827137	0. 07240448
2	0. 15037343	0. 17610108
3	0. 40134881	0. 33957476
4	0. 81079372	0. 41164558

R= 2. 850

1	0. 02789841	0. 07146484
2	0. 14857110	0. 17430592
3	0. 39794015	0. 33871178
4	0. 80872201	0. 41522143

R= 2. 800

1	0. 02752229	0. 07051688
2	0. 14674962	0. 17248495
3	0. 39447434	0. 33780447
4	0. 80659470	0. 41887380

R= 2. 750

1	0. 02714299	0. 06956050
2	0. 14490869	0. 17063765
3	0. 39094988	0. 33685084
4	0. 80440946	0. 42260511

R= 2. 700

1	0. 02676047	0. 06859562
2	0. 14304802	0. 16876348
3	0. 38736524	0. 33584877
4	0. 80216382	0. 42641787

R= 2. 650

1	0. 02637470	0. 06762213
2	0. 14116734	0. 16686187
3	0. 38371881	0. 33479607
4	0. 79985518	0. 43031471

R= 2. 600

1	0. 02598564	0. 06663994
2	0. 13926632	0. 16493225
3	0. 38000893	0. 33369040
4	0. 79748077	0. 43429836

R= 2. 550

1	0. 02559327	0. 06564896
2	0. 13734465	0. 16297404
3	0. 37623387	0. 33252931
4	0. 79503764	0. 43837168

R= 2. 500

1	0. 02519754	0. 06464908
2	0. 13540203	0. 16098662
3	0. 37239183	0. 33131022
4	0. 79252269	0. 44253761

R= 2. 450

1	0. 02479843	0. 06364020
2	0. 13343812	0. 15896937
3	0. 36848094	0. 33003040
4	0. 78993259	0. 44679927

R= 2. 400

1	0. 02439588	0. 06262221
2	0. 13145259	0. 15692163
3	0. 36449926	0. 32868696
4	0. 78726380	0. 45115986

R= 2. 350

1	0. 02398988	0. 06159501
2	0. 12944509	0. 15484275
3	0. 36044474	0. 32727686
4	0. 78451255	0. 45562274

R= 2. 300

1	0. 02358037	0. 06055849
2	0. 12741527	0. 15273203
3	0. 35631527	0. 32579687
4	0. 78167483	0. 46019140

R= 2. 250

1	0. 02316733	0. 05951254
2	0. 12536277	0. 15058876
3	0. 35210864	0. 32424361
4	0. 77874634	0. 46486949

R= 2. 200

1	0. 02275070	0. 05845704
2	0. 12328721	0. 14841221
3	0. 34782256	0. 32261345
4	0. 77572247	0. 46966081

R= 2. 150

1	0. 02233046	0. 05739188
2	0. 12118823	0. 14620162
3	0. 34345460	0. 32090258
4	0. 77259830	0. 47456930

R= 2. 100

1	0. 02190656	0. 05631695
2	0. 11906542	0. 14395621
3	0. 33900227	0. 31910694
4	0. 76936855	0. 47959908

R= 2. 050

1	0. 02147896	0. 05523211
2	0. 11691838	0. 14167517
3	0. 33446291	0. 31722224
4	0. 76602753	0. 48475442

R= 2. 000

1	0. 02104762	0. 05413725
2	0. 11474670	0. 13935766
3	0. 32983379	0. 31524391
4	0. 76256913	0. 49003977

R= 1. 950

1	0. 02061249	0. 05303224
2	0. 11254994	0. 13700282
3	0. 32511201	0. 31316709
4	0. 75898677	0. 49545977

R= 1. 900

1	0. 02017352	0. 05191695
2	0. 11032768	0. 13460974
3	0. 32029455	0. 31098661
4	0. 75527335	0. 50101920

R= 1. 850

1	0. 01973068	0. 05079125
2	0. 10807945	0. 13217749
3	0. 31537824	0. 30869698
4	0. 75142117	0. 50672303

R= 1. 800

1	0. 01928392	0. 04965500
2	0. 10580480	0. 12970512
3	0. 31035974	0. 30629231
4	0. 74742191	0. 51257641

R= 1. 750

1	0. 01883318	0. 04850806
2	0. 10350323	0. 12719163
3	0. 30523555	0. 30376636
4	0. 74326652	0. 51858466

R= 1. 700

1	0. 01837842	0. 04735030
2	0. 10117426	0. 12463596
3	0. 30000198	0. 30111242
4	0. 73894520	0. 52475323

R= 1. 650

1	0. 01791960	0. 04618155
2	0. 09881736	0. 12203705
3	0. 29465515	0. 29832333
4	0. 73444721	0. 53108774

R= 1. 600

1	0. 01745665	0. 04500168
2	0. 09643202	0. 11939378
3	0. 28919096	0. 29539143
4	0. 72976087	0. 53759392

R= 1. 550

1	0. 01698952	0. 04381052
2	0. 09401767	0. 11670498
3	0. 28360509	0. 29230848
4	0. 72487338	0. 54427761

R= 1. 500

1	0. 01651817	0. 04260792
2	0. 09157375	0. 11396942
3	0. 27789298	0. 28906567
4	0. 71977067	0. 55114468

R= 1. 450

1	0. 01604252	0. 04139370
2	0. 08909968	0. 11118586
3	0. 27204978	0. 28565349
4	0. 71443728	0. 55820102

R= 1. 400

1	0. 01556254	0. 04016771
2	0. 08659483	0. 10835296
3	0. 26607038	0. 28206170
4	0. 70885616	0. 56545244

R= 1. 350

1	0. 01507815	0. 03892977
2	0. 08405859	0. 10546936
3	0. 25994936	0. 27827927
4	0. 70300843	0. 57290459

R= 1. 300

1	0. 01458929	0. 03767969
2	0. 08149027	0. 10253359
3	0. 25368091	0. 27429428
4	0. 69687310	0. 58056285

R= 1. 250

1	0. 01409590	0. 03641728
2	0. 07888921	0. 09954417
3	0. 24725889	0. 27009380
4	0. 69042684	0. 58843212

R= 1. 200

1	0. 01359792	0. 03514236
2	0. 07625468	0. 09649950
3	0. 24067677	0. 26566385
4	0. 68364355	0. 59651663

R= 1. 150

1	0. 01309528	0. 03385471
2	0. 07358594	0. 09339793
3	0. 23392751	0. 26098918
4	0. 67649391	0. 60481968

R= 1. 100

1	0. 01258790	0. 03255414
2	0. 07088221	0. 09023771
3	0. 22700364	0. 25605322
4	0. 66894492	0. 61334320

R= 1.050

1	0.01207571	0.03124043
2	0.06814268	0.08701703
3	0.21989714	0.25083787
4	0.66095922	0.62208730

R= 1.000

1	0.01155862	0.02991329
2	0.06536641	0.08373387
3	0.21259918	0.24532322
4	0.65249410	0.63104978

R= 0.950

1	0.01103658	0.02857259
2	0.06255266	0.08038630
3	0.20510076	0.23948765
4	0.64350121	0.64022453

R= 0.900

1	0.01050950	0.02721803
2	0.05970038	0.07697211
3	0.19739164	0.23330712
4	0.63392443	0.64960136

R= 0.850

1	0.00997724	0.02584928
2	0.05680850	0.07348890
3	0.18946071	0.22675504
4	0.62369872	0.65916385

R= 0.800

1	0.00943975	0.02446612
2	0.05387602	0.06993430
3	0.18129624	0.21980211
4	0.61274866	0.66888669

R= 0.750

1	0.00919934	0.02378289
2	0.05211413	0.06733810
3	0.17538658	0.21404639
4	0.60405816	0.67600886

R= 0.700

1	0.00944513	0.02434380
2	0.05288912	0.06762902
3	0.17604203	0.21353409
4	0.60404497	0.67557801

R= 0.650

1	0.00944831	0.02432944
2	0.05279990	0.06747737
3	0.17588483	0.21362275
4	0.60409749	0.67570544

R= 0.600

1	0.00908424	0.02345793
2	0.05139838	0.06656155
3	0.17434389	0.21460617
4	0.60441360	0.67690759

R= 0.550

1	0.00860258	0.02226975
2	0.04929066	0.06479381
3	0.17136243	0.21545143
4	0.60447173	0.67972018

R= 0.500

1	0.00812614	0.02105277
2	0.04691352	0.06240108
3	0.16726040	0.21565266
4	0.60422660	0.68418798

For N=5

R=10.000

1	0.03631622	0.09217307
2	0.18286087	0.19611934
3	0.41692171	0.26526998
4	0.69508485	0.27737705
5	0.93098292	0.16906054

R= 9.950

1	0.03622724	0.09195107
2	0.18244941	0.19573539
3	0.41617901	0.26506296
4	0.69438574	0.27769689
5	0.93076400	0.16955367

R= 9.900

1	0.03613767	0.09172760
2	0.18203511	0.19534857
3	0.41543064	0.26485366
4	0.69368050	0.27801864
5	0.93054290	0.17005151

R= 9.850

1	0.03604752	0.09150265
2	0.18161796	0.19495888
3	0.41467657	0.26464205
4	0.69296908	0.27834230
5	0.93031961	0.17055411

R= 9.800

1	0.03595679	0.09127621
2	0.18119793	0.19456627
3	0.41391674	0.26442810
4	0.69225140	0.27866788
5	0.93009408	0.17106152

R= 9.750

1	0.03586546	0.09104827
2	0.18077501	0.19417074
3	0.41315112	0.26421178
4	0.69152738	0.27899537
5	0.92986629	0.17157382

R= 9.700

1	0.03577353	0.09081883
2	0.18034918	0.19377225
3	0.41237964	0.26399305
4	0.69079698	0.27932478
5	0.92963620	0.17209107

R= 9.650

1	0.03568101	0.09058787
2	0.17992041	0.19337080
3	0.41160227	0.26377188
4	0.69006010	0.27965611
5	0.92940380	0.17261332

R= 9.600

1	0.03558788	0.09035539
2	0.17948870	0.19296634
3	0.41081896	0.26354823
4	0.68931669	0.27998937
5	0.92916904	0.17314064

R= 9.550

1	0.03549414	0.09012138
2	0.17905402	0.19255887
3	0.41002965	0.26332208
4	0.68856667	0.28032456
5	0.92893189	0.17367309

R= 9.500

1	0.03539980	0.08988582
2	0.17861634	0.19214835
3	0.40923429	0.26309338
4	0.68780996	0.28066168
5	0.92869233	0.17421074

R= 9.450

1	0.03530484	0.08964872
2	0.17817566	0.19173477
3	0.40843283	0.26286210
4	0.68704649	0.28100072
5	0.92845031	0.17475366

R= 9.400

1	0.03520927	0.08941005
2	0.17773195	0.19131809
3	0.40762523	0.26262821
4	0.68627618	0.28134170
5	0.92820580	0.17530192

R= 9.350

1	0.03511308	0.08916982
2	0.17728519	0.19089829
3	0.40681142	0.26239166
4	0.68549896	0.28168461
5	0.92795877	0.17585559

R= 9.300

1	0.03501626	0.08892800
2	0.17683536	0.19047536
3	0.40599136	0.26215242
4	0.68471475	0.28202946
5	0.92770919	0.17641473

R= 9.250

1	0.03491881	0.08868460
2	0.17638244	0.19004926
3	0.40516500	0.26191045
4	0.68392347	0.28237624
5	0.92745701	0.17697942

R= 9.200

1	0.03482074	0.08843960
2	0.17592641	0.18961997
3	0.40433227	0.26166571
4	0.68312503	0.28272495
5	0.92720220	0.17754974

R= 9.150

1	0.03472202	0.08819299
2	0.17546724	0.18918746
3	0.40349313	0.26141816
4	0.68231935	0.28307560
5	0.92694472	0.17812576

R= 9.100

1	0.03462267	0.08794477
2	0.17500493	0.18875171
3	0.40264751	0.26116776
4	0.68150635	0.28342818
5	0.92668453	0.17870755

R= 9.050

1	0.03452268	0.08769492
2	0.17453944	0.18831268
3	0.40179537	0.26091447
4	0.68068595	0.28378269
5	0.92642161	0.17929520

R= 9.000

1	0.03442204	0.08744343
2	0.17407075	0.18787037
3	0.40093665	0.26065824
4	0.67985805	0.28413914
5	0.92615589	0.17988878

R= 8.950

1	0.03432075	0.08719029
2	0.17359885	0.18742473
3	0.40007127	0.26039905
4	0.67902257	0.28449751
5	0.92588735	0.18048837

R= 8.900

1	0.03421881	0.08693550
2	0.17312371	0.18697575
3	0.39919921	0.26013683
4	0.67817942	0.28485781
5	0.92561594	0.18109407

R= 8.850

1	0.03411621	0.08667904
2	0.17264531	0.18652339
3	0.39832038	0.25987154
4	0.67732850	0.28522004
5	0.92534162	0.18170594

R= 8.800

1	0.03401295	0.08642090
2	0.17216362	0.18606763
3	0.39743473	0.25960315
4	0.67646973	0.28558419
5	0.92506435	0.18232408

R= 8.750

1	0.03390902	0.08616107
2	0.17167864	0.18560843
3	0.39654221	0.25933160
4	0.67560301	0.28595026
5	0.92478409	0.18294858

R= 8.700

1	0.03380442	0.08589955
2	0.17119032	0.18514578
3	0.39564274	0.25905685
4	0.67472824	0.28631824
5	0.92450078	0.18357951

R= 8.650

1	0.03369915	0.08563632
2	0.17069865	0.18467964
3	0.39473627	0.25877886
4	0.67384533	0.28668813
5	0.92421438	0.18421699

R= 8. 600

1	0. 03359320	0. 08537137
2	0. 17020361	0. 18420998
3	0. 39382274	0. 25849756
4	0. 67295417	0. 28705993
5	0. 92392484	0. 18486109

R= 8. 550

1	0. 03348658	0. 08510470
2	0. 16970517	0. 18373678
3	0. 39290208	0. 25821291
4	0. 67205467	0. 28743363
5	0. 92363213	0. 18551191

R= 8. 500

1	0. 03337926	0. 08483628
2	0. 16920332	0. 18326000
3	0. 39197422	0. 25792487
4	0. 67114672	0. 28780922
5	0. 92333618	0. 18616955

R= 8. 450

1	0. 03327126	0. 08456611
2	0. 16869801	0. 18277962
3	0. 39103911	0. 25763338
4	0. 67023022	0. 28818670
5	0. 92303695	0. 18683411

R= 8. 400

1	0. 03316256	0. 08429418
2	0. 16818925	0. 18229560
3	0. 39009667	0. 25733839
4	0. 66930506	0. 28856606
5	0. 92273438	0. 18750569

R= 8. 350

1	0. 03305317	0. 08402048
2	0. 16767698	0. 18180792
3	0. 38914684	0. 25703984
4	0. 66837114	0. 28894729
5	0. 92242843	0. 18818438

R= 8. 300

1	0. 03294307	0. 08374500
2	0. 16716121	0. 18131654
3	0. 38818955	0. 25673768
4	0. 66742833	0. 28933039
5	0. 92211905	0. 18887030

R= 8. 250

1	0. 03283227	0. 08346772
2	0. 16664189	0. 18082144
3	0. 38722474	0. 25643186
4	0. 66647654	0. 28971534
5	0. 92180617	0. 18956354

R= 8. 200

1	0. 03272075	0. 08318864
2	0. 16611901	0. 18032257
3	0. 38625233	0. 25612232
4	0. 66551564	0. 29010213
5	0. 92148974	0. 19026423

R= 8. 150

1	0. 03260852	0. 08290774
2	0. 16559254	0. 17981992
3	0. 38527225	0. 25580900
4	0. 66454552	0. 29049076
5	0. 92116970	0. 19097247

R= 8. 100

1	0. 03249558	0. 08262501
2	0. 16506245	0. 17931344
3	0. 38428443	0. 25549184
4	0. 66356607	0. 29088122
5	0. 92084600	0. 19168836

R= 8. 050

1	0. 03238191	0. 08234045
2	0. 16452872	0. 17880311
3	0. 38328880	0. 25517079
4	0. 66257715	0. 29127348
5	0. 92051858	0. 19241204

R= 8. 000

1	0. 03226751	0. 08205403
2	0. 16399132	0. 17828889
3	0. 38228529	0. 25484579
4	0. 66157865	0. 29166755
5	0. 92018738	0. 19314361

R= 7. 950

1	0. 03215238	0. 08176575
2	0. 16345024	0. 17777075
3	0. 38127382	0. 25451676
4	0. 66057045	0. 29206339
5	0. 91985232	0. 19388320

R= 7. 900

1	0. 03203652	0. 08147560
2	0. 16290543	0. 17724865
3	0. 38025432	0. 25418366
4	0. 65955241	0. 29246101
5	0. 91951336	0. 19463093

R= 7. 850

1	0. 03191991	0. 08118357
2	0. 16235688	0. 17672257
3	0. 37922670	0. 25384641
4	0. 65852440	0. 29286038
5	0. 91917043	0. 19538692

R= 7. 800

1	0. 03180256	0. 08088963
2	0. 16180455	0. 17619245
3	0. 37819090	0. 25350495
4	0. 65748630	0. 29326149
5	0. 91882345	0. 19615131

R= 7. 750

1	0. 03168445	0. 08059379
2	0. 16124843	0. 17565828
3	0. 37714683	0. 25315922
4	0. 65643797	0. 29366432
5	0. 91847236	0. 19692422

R= 7. 700

1	0. 03156560	0. 08029602
2	0. 16068849	0. 17512002
3	0. 37609442	0. 25280914
4	0. 65537927	0. 29406886
5	0. 91811710	0. 19770579

R= 7. 650

1	0. 03144598	0. 07999632
2	0. 16012468	0. 17457763
3	0. 37503358	0. 25245464
4	0. 65431006	0. 29447507
5	0. 91775758	0. 19849615

R= 7. 600

1	0. 03132560	0. 07969468
2	0. 15955700	0. 17403106
3	0. 37396424	0. 25209566
4	0. 65323021	0. 29488295
5	0. 91739375	0. 19929544

R= 7. 550

1	0. 03120446	0. 07939107
2	0. 15898541	0. 17348030
3	0. 37288631	0. 25173213
4	0. 65213956	0. 29529246
5	0. 91702551	0. 20010382

R= 7. 500

1	0. 03108254	0. 07908550
2	0. 15840988	0. 17292530
3	0. 37179970	0. 25136397
4	0. 65103797	0. 29570359
5	0. 91665280	0. 20092141

R= 7. 450

1	0. 03095984	0. 07877794
2	0. 15783039	0. 17236601
3	0. 37070434	0. 25099110
4	0. 64992528	0. 29611632
5	0. 91627554	0. 20174838

R= 7. 400

1	0. 03083636	0. 07846839
2	0. 15724690	0. 17180241
3	0. 36960013	0. 25061345
4	0. 64880135	0. 29653061
5	0. 91589365	0. 20258488

R= 7. 350

1	0. 03071209	0. 07815683
2	0. 15665939	0. 17123446
3	0. 36848699	0. 25023095
4	0. 64766601	0. 29694645
5	0. 91550705	0. 20343105

R= 7. 300

1	0. 03058703	0. 07784325
2	0. 15606782	0. 17066211
3	0. 36736483	0. 24984350
4	0. 64651911	0. 29736379
5	0. 91511564	0. 20428706

R= 7. 250

1	0. 03046117	0. 07752763
2	0. 15547217	0. 17008533
3	0. 36623355	0. 24945104
4	0. 64536048	0. 29778262
5	0. 91471936	0. 20515308

R= 7. 200

1	0. 03033451	0. 07720997
2	0. 15487241	0. 16950408
3	0. 36509308	0. 24905348
4	0. 64418997	0. 29820289
5	0. 91431810	0. 20602926

R= 7. 150

1	0. 03020704	0. 07689024
2	0. 15426850	0. 16891831
3	0. 36394331	0. 24865073
4	0. 64300739	0. 29862459
5	0. 91391177	0. 20691578

R= 7. 100

1	0. 03007876	0. 07656845
2	0. 15366042	0. 16832799
3	0. 36278416	0. 24824272
4	0. 64181258	0. 29904767
5	0. 91350030	0. 20781282

R= 7. 050

1	0. 02994967	0. 07624456
2	0. 15304814	0. 16773308
3	0. 36161552	0. 24782934
4	0. 64060537	0. 29947210
5	0. 91308357	0. 20872055

R= 7. 000

1	0. 02981975	0. 07591857
2	0. 15243162	0. 16713352
3	0. 36043730	0. 24741052
4	0. 63938556	0. 29989783
5	0. 91266149	0. 20963915

R= 6. 950

1	0. 02968900	0. 07559047
2	0. 15181083	0. 16652929
3	0. 35924941	0. 24698616
4	0. 63815298	0. 30032484
5	0. 91223397	0. 21056882

R= 6. 900

1	0. 02955742	0. 07526024
2	0. 15118575	0. 16592033
3	0. 35805174	0. 24655617
4	0. 63690744	0. 30075308
5	0. 91180090	0. 21150973

R= 6. 850

1	0. 02942501	0. 07492787
2	0. 15055633	0. 16530661
3	0. 35684419	0. 24612045
4	0. 63564875	0. 30118250
5	0. 91136217	0. 21246210

R= 6. 800

1	0. 02929175	0. 07459334
2	0. 14992255	0. 16468807
3	0. 35562666	0. 24567891
4	0. 63437671	0. 30161306
5	0. 91091768	0. 21342612

R= 6. 750

1	0. 02915764	0. 07425665
2	0. 14928437	0. 16406468
3	0. 35439905	0. 24523145
4	0. 63309113	0. 30204470
5	0. 91046731	0. 21440199

R= 6. 700

1	0. 02902268	0. 07391776
2	0. 14864176	0. 16343639
3	0. 35316125	0. 24477797
4	0. 63179181	0. 30247740
5	0. 91001096	0. 21538992

R= 6. 650

1	0. 02888686	0. 07357668
2	0. 14799469	0. 16280315
3	0. 35191315	0. 24431836
4	0. 63047853	0. 30291107
5	0. 90954851	0. 21639014

R= 6. 600

1	0. 02875017	0. 07323339
2	0. 14734312	0. 16216491
3	0. 35065465	0. 24385252
4	0. 62915108	0. 30334569
5	0. 90907983	0. 21740286

R= 6. 550

1	0. 02861262	0. 07288787
2	0. 14668702	0. 16152164
3	0. 34938563	0. 24338034
4	0. 62780926	0. 30378118
5	0. 90860481	0. 21842830

R= 6. 500

1	0. 02847419	0. 07254010
2	0. 14602636	0. 16087328
3	0. 34810599	0. 24290172
4	0. 62645283	0. 30421748
5	0. 90812332	0. 21946670

R= 6. 450

1	0. 02833488	0. 07219008
2	0. 14536109	0. 16021978
3	0. 34681561	0. 24241653
4	0. 62508157	0. 30465454
5	0. 90763522	0. 22051830

R= 6. 400

1	0. 02819468	0. 07183779
2	0. 14469119	0. 15956110
3	0. 34551437	0. 24192468
4	0. 62369525	0. 30509229
5	0. 90714039	0. 22158334

R= 6. 350

1	0. 02805359	0. 07148320
2	0. 14401661	0. 15889718
3	0. 34420217	0. 24142603
4	0. 62229364	0. 30553066
5	0. 90663869	0. 22266207

R= 6. 300

1	0. 02791160	0. 07112632
2	0. 14333732	0. 15822798
3	0. 34287886	0. 24092048
4	0. 62087650	0. 30596958
5	0. 90612998	0. 22375474

R= 6. 250

1	0. 02776871	0. 07076712
2	0. 14265329	0. 15755344
3	0. 34154435	0. 24040790
4	0. 61944357	0. 30640897
5	0. 90561411	0. 22486162

R= 6. 200

1	0. 02762491	0. 07040558
2	0. 14196448	0. 15687351
3	0. 34019851	0. 23988816
4	0. 61799462	0. 30684875
5	0. 90509093	0. 22598297

R= 6. 150

1	0. 02748019	0. 07004169
2	0. 14127085	0. 15618814
3	0. 33884120	0. 23936114
4	0. 61652937	0. 30728885
5	0. 90456030	0. 22711908

R= 6. 100

1	0. 02733455	0. 06967544
2	0. 14057237	0. 15549728
3	0. 33747231	0. 23882671
4	0. 61504757	0. 30772917
5	0. 90402205	0. 22827023

R= 6. 050

1	0. 02718798	0. 06930681
2	0. 13986898	0. 15480088
3	0. 33609171	0. 23828474
4	0. 61354895	0. 30816964
5	0. 90347602	0. 22943670

R= 6. 000

1	0. 02704048	0. 06893578
2	0. 13916067	0. 15409887
3	0. 33469926	0. 23773509
4	0. 61203324	0. 30861015
5	0. 90292205	0. 23061880

R= 5. 950

1	0. 02689205	0. 06856234
2	0. 13844738	0. 15339121
3	0. 33329484	0. 23717762
4	0. 61050015	0. 30905061
5	0. 90235996	0. 23181683

R= 5. 900

1	0. 02674266	0. 06818647
2	0. 13772908	0. 15267783
3	0. 33187830	0. 23661220
4	0. 60894940	0. 30949092
5	0. 90178958	0. 23303111

R= 5. 850

1	0. 02659233	0. 06780815
2	0. 13700574	0. 15195868
3	0. 33044952	0. 23603867
4	0. 60738069	0. 30993096
5	0. 90121073	0. 23426196

R= 5. 800

1	0. 02644103	0. 06742737
2	0. 13627729	0. 15123371
3	0. 32900834	0. 23545689
4	0. 60579373	0. 31037064
5	0. 90062321	0. 23550972

R= 5. 750

1	0. 02628877	0. 06704410
2	0. 13554372	0. 15050286
3	0. 32755464	0. 23486671
4	0. 60418819	0. 31080984
5	0. 90002684	0. 23677471

R= 5. 700

1	0. 02613554	0. 06665835
2	0. 13480497	0. 14976606
3	0. 32608827	0. 23426798
4	0. 60256378	0. 31124843
5	0. 89942142	0. 23805730

R= 5. 650

1	0. 02598134	0. 06627007
2	0. 13406101	0. 14902325
3	0. 32460907	0. 23366053
4	0. 60092016	0. 31168628
5	0. 89880674	0. 23935785

R= 5.600

1	0.02582615	0.06587927
2	0.13331179	0.14827438
3	0.32311691	0.23304421
4	0.59925700	0.31212328
5	0.89818259	0.24067672

R= 5.100

1	0.02421872	0.06182807
2	0.12552083	0.14043814
3	0.30744754	0.22635460
4	0.58147228	0.31641235
5	0.89136870	0.25496275

R= 5.550

1	0.02566997	0.06548592
2	0.13255727	0.14751939
3	0.32161163	0.23241884
4	0.59757398	0.31255927
5	0.89754876	0.24201429

R= 5.050

1	0.02405227	0.06140823
2	0.12471086	0.13961829
3	0.30580217	0.22562888
4	0.57956995	0.31682932
5	0.89062435	0.25651092

R= 5.500

1	0.02551280	0.06509000
2	0.13179741	0.14675821
3	0.32009308	0.23178427
4	0.59587073	0.31299413
5	0.89690501	0.24337097

R= 5.000

1	0.02388476	0.06098564
2	0.12389508	0.13879158
3	0.30414184	0.22489203
4	0.57764342	0.31724331
5	0.88986738	0.25808279

R= 5.450

1	0.02535462	0.06469149
2	0.13103216	0.14599077
3	0.31856110	0.23114032
4	0.59414691	0.31342768
5	0.89625111	0.24474714

R= 4.950

1	0.02371617	0.06056027
2	0.12307345	0.13795793
3	0.30246637	0.22414384
4	0.57569224	0.31765409
5	0.88909749	0.25967890

R= 5.400

1	0.02519543	0.06429039
2	0.13026148	0.14521702
3	0.31701553	0.23048681
4	0.59240214	0.31385979
5	0.89558684	0.24614323

R= 4.900

1	0.02354650	0.06013211
2	0.12224593	0.13711726
3	0.30077556	0.22338407
4	0.57371592	0.31806143
5	0.88831434	0.26129982

R= 5.350

1	0.02503523	0.06388666
2	0.12948533	0.14443689
3	0.31545621	0.22982356
4	0.59063607	0.31429029
5	0.89491193	0.24755966

R= 4.850

1	0.02337575	0.05970114
2	0.12141245	0.13626950
3	0.29906922	0.22261251
4	0.57171400	0.31846507
5	0.88751758	0.26294610

R= 5.300

1	0.02487400	0.06348029
2	0.12870365	0.14365030
3	0.31388298	0.22915039
4	0.58884830	0.31471900
5	0.89422614	0.24899687

R= 4.800

1	0.02320390	0.05926734
2	0.12057296	0.13541458
3	0.29734716	0.22182891
4	0.56968598	0.31886474
5	0.88670685	0.26461836

R= 5.250

1	0.02471174	0.06307127
2	0.12791641	0.14285721
3	0.31229567	0.22846710
4	0.58703844	0.31514576
5	0.89352920	0.25045531

R= 4.750

1	0.02303095	0.05883068
2	0.11972743	0.13455241
3	0.29560917	0.22103304
4	0.56763135	0.31926017
5	0.88588180	0.26631720

R= 5.200

1	0.02454845	0.06265957
2	0.12712356	0.14205753
3	0.31069411	0.22777351
4	0.58520609	0.31557036
5	0.89282083	0.25193545

R= 4.700

1	0.02285689	0.05839115
2	0.11887578	0.13368292
3	0.29385505	0.22022465
4	0.56554958	0.31965107
5	0.88504202	0.26804324

R= 5.150

1	0.02438411	0.06224518
2	0.12632505	0.14125120
3	0.30907812	0.22706941
4	0.58335085	0.31599263
5	0.89210076	0.25343777

R= 4.650

1	0.02268171	0.05794873
2	0.11801798	0.13280603
3	0.29208460	0.21940350
4	0.56344015	0.32003715
5	0.88418713	0.26979715

R= 4. 600

1	0. 02250541	0. 05750339
2	0. 11715396	0. 13192165
3	0. 29029760	0. 21856931
4	0. 56130250	0. 32041808
5	0. 88331670	0. 27157960

R= 4. 550

1	0. 02232797	0. 05705511
2	0. 11628368	0. 13102970
3	0. 28849384	0. 21772183
4	0. 55913607	0. 32079354
5	0. 88243032	0. 27339128

R= 4. 500

1	0. 02214939	0. 05660387
2	0. 11540707	0. 13013010
3	0. 28667310	0. 21686078
4	0. 55694028	0. 32116318
5	0. 88152754	0. 27523291

R= 4. 450

1	0. 02196967	0. 05614965
2	0. 11452409	0. 12922276
3	0. 28483516	0. 21598590
4	0. 55471452	0. 32152664
5	0. 88060789	0. 27710523

R= 4. 400

1	0. 02178878	0. 05569244
2	0. 11363467	0. 12830760
3	0. 28297979	0. 21509688
4	0. 55245818	0. 32188355
5	0. 87967091	0. 27900901

R= 4. 350

1	0. 02160673	0. 05523219
2	0. 11273876	0. 12738452
3	0. 28110675	0. 21419344
4	0. 55017063	0. 32223351
5	0. 87871608	0. 28094504

R= 4. 300

1	0. 02142350	0. 05476890
2	0. 11183631	0. 12645344
3	0. 27921582	0. 21327528
4	0. 54785122	0. 32257611
5	0. 87774289	0. 28291415

R= 4. 250

1	0. 02123910	0. 05430254
2	0. 11092724	0. 12551426
3	0. 27730674	0. 21234209
4	0. 54549927	0. 32291091
5	0. 87675081	0. 28491717

R= 4. 200

1	0. 02105350	0. 05383309
2	0. 11001151	0. 12456690
3	0. 27537928	0. 21139355
4	0. 54311410	0. 32323747
5	0. 87573927	0. 28695501

R= 4. 150

1	0. 02086671	0. 05336052
2	0. 10908905	0. 12361126
3	0. 27343318	0. 21042934
4	0. 54069499	0. 32355531
5	0. 87470770	0. 28902855

R= 4. 100

1	0. 02067870	0. 05288481
2	0. 10815980	0. 12264724
3	0. 27146818	0. 20944913
4	0. 53824121	0. 32386393
5	0. 87365547	0. 29113875

R= 4. 050

1	0. 02048948	0. 05240594
2	0. 10722370	0. 12167475
3	0. 26948404	0. 20845257
4	0. 53575201	0. 32416282
5	0. 87258198	0. 29328657

R= 4. 000

1	0. 02029904	0. 05192388
2	0. 10628069	0. 12069368
3	0. 26748047	0. 20743931
4	0. 53322660	0. 32445142
5	0. 87148654	0. 29547305

R= 3. 950

1	0. 02010736	0. 05143861
2	0. 10533070	0. 11970394
3	0. 26545721	0. 20640900
4	0. 53066418	0. 32472917
5	0. 87036848	0. 29769921

R= 3. 900

1	0. 01991443	0. 05095010
2	0. 10437367	0. 11870542
3	0. 26341398	0. 20536125
4	0. 52806393	0. 32499546
5	0. 86922709	0. 29996615

R= 3. 850

1	0. 01972030	0. 05045843
2	0. 10340968	0. 11769810
3	0. 26135068	0. 20429571
4	0. 52542517	0. 32524962
5	0. 86806167	0. 30227486

R= 3. 800

1	0. 01952482	0. 04996327
2	0. 10243822	0. 11668163
3	0. 25926647	0. 20321194
4	0. 52274648	0. 32549115
5	0. 86687126	0. 30462692

R= 3. 750

1	0. 01932812	0. 04946490
2	0. 10145967	0. 11565615
3	0. 25716161	0. 20210958
4	0. 52002750	0. 32571919
5	0. 86565523	0. 30702314

R= 3. 700

1	0. 01913085	0. 04896487
2	0. 10047636	0. 11462303
3	0. 25503914	0. 20098865
4	0. 51727047	0. 32593207
5	0. 86441398	0. 30946222

R= 3. 650

1	0. 01893085	0. 04845812
2	0. 09948057	0. 11357746
3	0. 25288814	0. 19984738
4	0. 51446429	0. 32613204
5	0. 86314267	0. 31195355

R= 3.600

1	0.01873028	0.04794967
2	0.09847989	0.11252404
3	0.25071894	0.19868668
4	0.51161813	0.32631527
5	0.86184433	0.31449039

R= 3.550

1	0.01852839	0.04743779
2	0.09747168	0.11146106
3	0.24852763	0.19750565
4	0.50872752	0.32648195
5	0.86051664	0.31707689

R= 3.500

1	0.01832519	0.04692247
2	0.09645589	0.11038842
3	0.24631393	0.19630384
4	0.50579142	0.32663117
5	0.85915861	0.31971449

R= 3.450

1	0.01812065	0.04640367
2	0.09543241	0.10930599
3	0.24407745	0.19508075
4	0.50280870	0.32676203
5	0.85776914	0.32240474

R= 3.400

1	0.01791478	0.04588138
2	0.09440121	0.10821366
3	0.24181791	0.19383591
4	0.49977825	0.32687352
5	0.85634712	0.32514921

R= 3.350

1	0.01770756	0.04535555
2	0.09336219	0.10711131
3	0.23953491	0.19256881
4	0.49669886	0.32696463
5	0.85489137	0.32794958

R= 3.300

1	0.01749898	0.04482617
2	0.09231527	0.10599879
3	0.23722810	0.19127892
4	0.49356931	0.32703427
5	0.85340066	0.33080757

R= 3.250

1	0.01728903	0.04429321
2	0.09126039	0.10487599
3	0.23489712	0.18996573
4	0.49038832	0.32708131
5	0.85187367	0.33372498

R= 3.200

1	0.01707770	0.04375663
2	0.09019744	0.10374276
3	0.23254158	0.18862866
4	0.48715457	0.32710454
5	0.85030903	0.33670368

R= 3.150

1	0.01686498	0.04321641
2	0.08912637	0.10259900
3	0.23016112	0.18726717
4	0.48386671	0.32710269
5	0.84870533	0.33974563

R= 3.100

1	0.01665094	0.04267271
2	0.08804740	0.10144475
3	0.22775579	0.18588074
4	0.48052380	0.32707434
5	0.84706123	0.34285246

R= 3.050

1	0.01643573	0.04212589
2	0.08696108	0.10028035
3	0.22532620	0.18446903
4	0.47712545	0.32701791
5	0.84537562	0.34602538

R= 3.000

1	0.01621836	0.04157358
2	0.08586355	0.09910301
3	0.22286616	0.18303015
4	0.47366406	0.32693301
5	0.84364417	0.34927177

R= 2.950

1	0.01599996	0.04101846
2	0.08475910	0.09791563
3	0.22038190	0.18156489
4	0.47014502	0.32681679
5	0.84186814	0.35258803

R= 2.900

1	0.01578867	0.04047974
2	0.08367857	0.09673988
3	0.21792054	0.18008399
4	0.46661815	0.32665979
5	0.84006879	0.35593204

R= 2.850

1	0.01555880	0.03989682
2	0.08252446	0.09550694
3	0.21533194	0.17855105
4	0.46292001	0.32648505
5	0.83817149	0.35944622

R= 2.800

1	0.01534842	0.03935953
2	0.08144182	0.09432011
3	0.21284066	0.17702109
4	0.45929407	0.32625525
5	0.83628522	0.36292009

R= 2.750

1	0.01513990	0.03882254
2	0.08026940	0.09318584
3	0.21024813	0.17552688
4	0.45663827	0.32550932
5	0.83463178	0.36273238

R= 2.700

1	0.0149325	0.03822541
2	0.07917169	0.09185443
3	0.20765171	0.17384321
4	0.45417092	0.32569986
5	0.83229068	0.37022980

R= 2.650

1	0.01511353	0.03867687
2	0.07966757	0.09176058
3	0.20755946	0.17286529
4	0.45065417	0.32505171
5	0.83154643	0.37149234

R= 2. 600

1	0. 01442998	0. 03702452
2	0. 07678336	0. 08928003
3	0. 20221032	0. 17049698
4	0. 44368232	0. 32498747
5	0. 82798533	0. 37803494

R= 2. 550

1	0. 01419967	0. 03643809
2	0. 07560788	0. 08799814
3	0. 19949689	0. 16879093
4	0. 43961741	0. 32455607
5	0. 82576636	0. 38202425

R= 2. 500

1	0. 01396779	0. 03584755
2	0. 07442301	0. 08670365
3	0. 19675245	0. 16705116
4	0. 43547484	0. 32407496
5	0. 82348015	0. 38611199

R= 2. 450

1	0. 01373440	0. 03525300
2	0. 07322889	0. 08539655
3	0. 19397683	0. 16527692
4	0. 43125271	0. 32354136
5	0. 82112373	0. 39030142

R= 2. 400

1	0. 01406852	0. 03602207
2	0. 07434219	0. 08592052
3	0. 19510342	0. 16482275
4	0. 43170536	0. 32279719
5	0. 82109841	0. 39020399

R= 2. 350

1	0. 01328382	0. 03410046
2	0. 07089058	0. 08279912
3	0. 18845339	0. 16165792
4	0. 42270542	0. 32229896
5	0. 81626028	0. 39886665

R= 2. 300

1	0. 01358789	0. 03478953
2	0. 07183919	0. 08314732
3	0. 18924218	0. 16104850
4	0. 42271345	0. 32153704
5	0. 81599411	0. 39919529

R= 2. 250

1	0. 01278496	0. 03283293
2	0. 06835601	0. 08003696
3	0. 18254819	0. 15781534
4	0. 41351408	0. 32082044
5	0. 81092240	0. 40815927

R= 2. 200

1	0. 01309899	0. 03355969
2	0. 06942357	0. 08057024
3	0. 18367705	0. 15743293
4	0. 41402402	0. 32009553
5	0. 81092464	0. 40800319

R= 2. 150

1	0. 01333557	0. 03410778
2	0. 07023302	0. 08098273
3	0. 18453969	0. 15713987
4	0. 41439671	0. 31951404
5	0. 81090431	0. 40791407

R= 2. 100

1	0. 01285095	0. 03286755
2	0. 06777860	0. 07839344
3	0. 17913560	0. 15396322
4	0. 40635476	0. 31840063
5	0. 80625133	0. 41597673

R= 2. 050

1	0. 01294504	0. 03310943
2	0. 06820341	0. 07871322
3	0. 17965611	0. 15379090
4	0. 40651234	0. 31794695
5	0. 80615688	0. 41603720

R= 2. 000

1	0. 01311056	0. 03349315
2	0. 06876948	0. 07900306
3	0. 18028104	0. 15363654
4	0. 40685828	0. 31759138
5	0. 80620477	0. 41587207

R= 1. 950

1	0. 01298725	0. 03320983
2	0. 06836979	0. 07883713
3	0. 17990507	0. 15381974
4	0. 40672987	0. 31785589
5	0. 80623474	0. 41587538

R= 1. 900

1	0. 01319094	0. 03364224
2	0. 06888345	0. 07889173
3	0. 18025050	0. 15353475
4	0. 40683058	0. 31768101
5	0. 80623943	0. 41584808

R= 1. 850

1	0. 01314467	0. 03349816
2	0. 06856045	0. 07854389
3	0. 17971803	0. 15354965
4	0. 40658289	0. 31817318
5	0. 80633008	0. 41583854

R= 1. 800

1	0. 01299229	0. 03309402
2	0. 06780923	0. 07788952
3	0. 17857904	0. 15355105
4	0. 40593390	0. 31907938
5	0. 80640360	0. 41599933

R= 1. 750

1	0. 01299319	0. 03309016
2	0. 06771458	0. 07765212
3	0. 17821134	0. 15339406
4	0. 40577338	0. 31963799
5	0. 80661939	0. 41584946

R= 1. 700

1	0. 01245412	0. 03185085
2	0. 06579059	0. 07640478
3	0. 17557072	0. 15339076
4	0. 40418021	0. 32170314
5	0. 80678445	0. 41630099

R= 1. 650

1	0. 01183440	0. 03040485
2	0. 06349339	0. 07482806
3	0. 17224276	0. 15311142
4	0. 40186338	0. 32412004
5	0. 80682313	0. 41722213

R= 1.600

1	0.01202028	0.03077397
2	0.06380068	0.07454196
3	0.17194874	0.15240702
4	0.40126469	0.32440180
5	0.80679031	0.41757487

R= 1.550

1	0.01164099	0.02985712
2	0.06219138	0.07315169
3	0.16912071	0.15160791
4	0.39882393	0.32630253
5	0.80665578	0.41882025

R= 1.500

1	0.01144172	0.02933730
2	0.06112790	0.07199649
3	0.16692217	0.15078012
4	0.39695574	0.32815031
5	0.80688165	0.41952590

R= 1.450

1	0.01128597	0.02890493
2	0.06015775	0.07082240
3	0.16469412	0.14972067
4	0.39479474	0.32982217
5	0.80694660	0.42057524

R= 1.400

1	0.01065413	0.02739213
2	0.05754357	0.06861348
3	0.16006318	0.14821388
4	0.39055080	0.33297481
5	0.80694939	0.42275774

R= 1.350

1	0.01059700	0.02719938
2	0.05694521	0.06764985
3	0.15819884	0.14687975
4	0.38824239	0.33407379
5	0.80679498	0.42421434

R= 1.300

1	0.01046891	0.02683980
2	0.05606708	0.06646275
3	0.15585453	0.14539346
4	0.38551265	0.33558913
5	0.80678571	0.42582373

R= 1.250

1	0.00986074	0.02535312
2	0.05339578	0.06403173
3	0.15072660	0.14319541
4	0.38015920	0.33876968
5	0.80680426	0.42894722

R= 1.200

1	0.00984592	0.02526323
2	0.05295891	0.06316036
3	0.14900018	0.14168664
4	0.37773483	0.33974651
5	0.80680767	0.43054994

R= 1.150

1	0.00976708	0.02500353
2	0.05219119	0.06196369
3	0.14662781	0.13989143
4	0.37456955	0.34103068
5	0.80680261	0.43266576

R= 1.100

1	0.00969793	0.02482563
2	0.05178608	0.06141814
3	0.14540457	0.13886890
4	0.37279151	0.34161541
5	0.80680005	0.43392156

R= 1.050

1	0.00963349	0.02466508
2	0.05146437	0.06105671
3	0.14461192	0.13832817
4	0.37176020	0.34205729
5	0.80685691	0.43460101

R= 1.000

1	0.00949294	0.02432579
2	0.05083898	0.06044549
3	0.14330006	0.13764336
4	0.37023938	0.34277217
5	0.80686062	0.43559317

R= 0.950

1	0.00952605	0.02435717
2	0.05083826	0.06047180
3	0.14381507	0.13877136
4	0.37188229	0.34294249
5	0.80686481	0.43409608

R= 0.900

1	0.00908996	0.02333206
2	0.04907071	0.05894095
3	0.14050290	0.13742659
4	0.36848845	0.34495610
5	0.80686020	0.43610481

R= 0.850

1	0.00878535	0.02257640
2	0.04777285	0.05796234
3	0.13894287	0.13828085
4	0.36894015	0.34705822
5	0.80686059	0.43466983

R= 0.800

1	0.00846772	0.02177648
2	0.04625525	0.05649843
3	0.13627486	0.13794183
4	0.36767282	0.34986360
5	0.80685390	0.43430613

R= 0.750

1	0.00806846	0.02079282
2	0.04450204	0.05500948
3	0.13382089	0.13885067
4	0.36879977	0.35438957
5	0.80685442	0.43077673

R= 0.700

1	0.00767595	0.01980682
2	0.04262252	0.05316461
3	0.13050573	0.13869474
4	0.36870900	0.36001761
5	0.80685455	0.42747263

R= 0.650

1	0.00724355	0.01871058
2	0.04047334	0.05093503
3	0.12631484	0.13778285
4	0.36790249	0.36732445
5	0.80685251	0.42347777

R= 0.600

1	0.00684263	0.01767990
2	0.03837988	0.04864213
3	0.12199713	0.13667219
4	0.36779530	0.37675242
5	0.80685329	0.41704284

R= 0.550

1	0.00639269	0.01653115
2	0.03605731	0.04608784
3	0.11704565	0.13510312
4	0.36815420	0.38969054
5	0.80685808	0.40710109

R= 0.500

1	0.00608217	0.01569830
2	0.03419350	0.04376029
3	0.11245762	0.13292936
4	0.36830157	0.40349719
5	0.80685782	0.39585815