

#	Position (m)	Analytical approach (K)	Monte Carlo method Using Sequence (K)	Monte Carlo Method Using MPI (K)
1	0.000000	500.000000	499.921207	500.033256
2	0.001010	483.095820	482.595998	483.496817
3	0.002020	466.380798	465.107297	467.219755
4	0.003030	450.037763	449.159205	450.797208
5	0.004040	434.237245	434.680404	435.029103
6	0.005051	419.132174	419.470735	419.123214
7	0.006061	404.853525	404.862710	407.295150
8	0.007071	391.507119	391.647787	393.337438
9	0.008081	379.171686	379.683007	382.006249
10	0.009091	367.898223	367.402199	371.339806
11	0.010101	357.710594	357.307482	359.350829
12	0.011111	348.607232	348.422172	350.508893
13	0.012121	340.563763	340.679900	340.907239
14	0.013131	333.536314	333.856923	333.891353
15	0.014141	327.465247	328.398083	326.995876
16	0.015152	322.279096	323.093938	322.652375
17	0.016162	317.898451	319.087609	317.181068
18	0.017172	314.239606	315.882627	314.238853
19	0.018182	311.217827	312.779702	310.744623
20	0.019192	308.750116	310.674179	308.312703
21	0.020202	306.757431	309.613880	305.286271
22	0.021212	305.166337	307.223710	303.025479
23	0.022222	303.910116	305.688237	301.923315
24	0.023232	302.929387	304.909478	301.441038
25	0.024242	302.172301	302.315825	300.000000
26	0.025253	301.594400	301.259354	295.643219
27	0.026263	301.158211	300.451374	297.887021
28	0.027273	300.832667	300.990219	298.976080
29	0.028283	300.592420	301.733404	299.876287
30	0.029293	300.417106	302.931573	299.741282
31	0.030303	300.290606	302.635746	300.218974
32	0.031313	300.200350	303.252747	300.121928
33	0.032323	300.136675	304.774015	300.711323
34	0.033333	300.092254	305.322332	300.694631
35	0.034343	300.061612	305.272110	301.179759
36	0.035354	300.040712	304.173363	301.178662
37	0.036364	300.026616	304.355760	301.649140

38	0.037374	300.017216	303.530579	301.695938
39	0.038384	300.011016	304.187897	301.031024
40	0.039394	300.006974	305.032907	300.725169
41	0.040404	300.004368	303.313593	300.897610
42	0.041414	300.002706	302.964351	300.420408
43	0.042424	300.001659	302.513044	300.502743
44	0.043434	300.001006	302.430748	301.236456
45	0.044444	300.000603	302.042209	300.820546
46	0.045455	300.000358	301.585142	301.088482
47	0.046465	300.000210	301.349214	301.224434
48	0.047475	300.000122	301.364253	301.536247
49	0.048485	300.000070	300.756620	301.538775
50	0.049495	300.000040	300.198065	300.000000
51	0.050505	300.000022	298.554021	295.826130
52	0.051515	300.000012	299.666782	298.381447
53	0.052525	300.000007	298.500739	299.251173
54	0.053535	300.000004	298.460098	299.945355
55	0.054545	300.000002	298.564176	299.892824
56	0.055556	300.000001	299.324233	298.949621
57	0.056566	300.000001	298.895416	298.397330
58	0.057576	300.000001	299.702824	299.044266
59	0.058586	300.000000	300.585764	299.991692
60	0.059596	300.000000	301.221850	299.599434
61	0.060606	300.000000	301.313986	300.237261
62	0.061616	300.000000	302.071082	299.974120
63	0.062626	300.000000	301.470029	299.549666
64	0.063636	300.000000	302.206379	300.543496
65	0.064646	300.000000	302.439648	299.535572
66	0.065657	300.000000	301.632858	299.942039
67	0.066667	300.000000	301.186264	299.427030
68	0.067677	300.000000	300.179698	299.591449
69	0.068687	300.000000	299.338454	298.765026
70	0.069697	300.000000	299.571682	299.785625
71	0.070707	300.000000	299.422384	300.150528
72	0.071717	300.000000	299.632858	300.331233
73	0.072727	300.000000	299.190944	300.584820
74	0.073737	300.000000	299.508752	300.905870
75	0.074747	300.000000	300.070012	300.000000
76	0.075758	300.000000	300.600245	299.337497
77	0.076768	300.000000	300.644753	300.517293

78	0.077778	300.000000	301.337302	299.979443
79	0.078788	300.000000	300.124360	299.294469
80	0.079798	300.000000	301.413559	299.541612
81	0.080808	300.000000	301.231039	299.084450
82	0.081818	300.000000	301.007875	299.334243
83	0.082828	300.000000	300.110250	299.635517
84	0.083838	300.000000	300.657894	300.278689
85	0.084848	300.000000	299.478336	300.645914
86	0.085859	300.000000	300.192282	299.924423
87	0.086869	300.000000	300.474038	300.582293
88	0.087879	300.000000	300.929356	302.174020
89	0.088889	300.000000	300.621765	302.207742
90	0.089899	300.000000	301.159667	301.238721
91	0.090909	300.000000	300.743132	302.157111
92	0.091919	300.000000	300.705012	301.293724
93	0.092929	300.000000	300.823547	301.131329
94	0.093939	300.000000	300.834468	301.123719
95	0.094949	300.000000	300.180658	300.961839
96	0.095960	300.000000	300.428042	301.780943
97	0.096970	300.000000	301.185112	301.306390
98	0.097980	300.000000	301.183276	300.774532
99	0.098990	300.000000	301.477379	300.585524
100	0.100000	300.000000	301.477379	300.602867