Table 1: *Results of the 1D simulation for* N = *10,* $N_{samples}$ = *1000.*

		Numerical		Analytical		
T	β	$^{U}/_{\mathrm{N}} \times 10^{-3}$	$^{C}/_{\mathrm{N}} \times 10^{-3}$	$^{U}/_{\mathrm{N}} \times 10^{-3}$	$^{C}/_{\mathrm{N}} \times 10^{-3}$	accuracy
0.2	5.000	−900.0	0.	−999.9	4.540	
0.4	2.500	−899.8	2.500	−986.6	166.2	−31.855
0.6	1.667	−832.9	420.9	−931.1	369.5	0.880
0.8	1.250	−771.1	450.4	−848.3	438.2	0.936
1.0	1.000	−707.4	419.4	−761.6	420.0	0.961
1.2	0.833	−642.7	269.4	−682.3	371.2	0.780
1.4	0.714	−537.6	240.7	−613.4	318.3	0.768
1.6	0.625	−467.0	222.6	−554.6	270.5	0.799
1.8	0.556	−431.9	247.5	−504.7	230.0	0.880
2.0	0.500	−427.9	198.3	−462.1	196.6	0.956
2.2	0.455	−369.1	137.4	−425.6	169.2	0.808
2.4	0.417	−343.0	130.6	−394.1	146.6	0.864
2.6	0.385	−316.0	124.5	−366.7	128.0	0.905
2.8	0.357	−312.4	105.7	−342.7	112.6	0.919
3.0	0.333	−320.8	75.44	−321.5	99.63	0.839
3.2	0.313	−290.8	92.56	−302.7	88.71	0.959
3.4	0.294	−292.4	82.43	−285.9	79.43	0.971
3.6	0.278	−234.3	59.29	−270.9	71.50	0.819
3.8	0.263	−227.1	56.34	−257.3	64.67	0.860
4.0	0.250	−203.3	51.95	−244.9	58.75	0.832