x	$\texttt{Im}(\mathbf{g}_k)$	$\texttt{Re}(\mathbf{g}_k)$	$\texttt{Im}(\mathbf{g}_n)$	$\texttt{Re}(\mathbf{g}_n)$	$\texttt{Im}(\mathbf{g}_{1/2})$	$\texttt{Re}(\mathbf{g}_{1/2})$
0.1	1.25827	1.84817	1.63078	1.43502	1.39404	0.741057
0.12	1.27134	1.81991	1.62975	1.39591	1.38241	0.722387
0.14	1.28941	1.79986	1.6285	1.35695	1.37079	0.703982
0.17	1.33565	1.77346	1.62621	1.2988	1.35335	0.676876
0.2	1.40245	1.73483	1.62337	1.24095	1.33591	0.650369
0.24	1.50326	1.64843	1.61849	1.16433	1.31266	0.615961
0.28	1.59211	1.52357	1.61271	1.08898	1.28942	0.582619
0.33	1.66211	1.3353	1.60668	0.994994	1.26038	0.542442
0.4	1.67664	1.06545	1.5961	0.853809	1.21976	0.488993
0.5	1.58509	0.747265	1.54267	0.638564	1.16186	0.4183
0.6	1.44388	0.526485	1.43677	0.451753	1.10424	0.354262
0.7	1.30095	0.37969	1.30923	0.315881	1.04711	0.296853
0.8	1.17253	0.281462	1.18491	0.223841	0.990736	0.246021
1	0.967106	0.166923	0.977477	0.120499	0.881746	0.163586
1.2	0.817209	0.107533	0.824095	0.0710554	0.780756	0.104971
1.4	0.705509	0.073751	0.709973	0.045114	0.691145	0.0662465
1.7	0.584173	0.0456757	0.586593	0.025329	0.581168	0.0337913
2	0.497873	0.0305187	0.499269	0.0155885	0.497591	0.018296
2.4	0.415639	0.0193869	0.416373	0.00903204	0.415976	0.00896626
2.8	0.356587	0.0132008	0.357007	0.00569077	0.356906	0.00486433
3.3	0.302742	0.00876016	0.30297	0.00347721	0.302955	0.00252648
4	0.249866	0.0054182	0.249977	0.00195284	0.24998	0.00117141
5	0.199945	0.00310249	0.199993	0.00099994	0.199996	0.00047995
6	0.16664	0.00196705	0.166664	0.000578687	0.166666	0.000231473
7	0.142843	0.00133807	0.142856	0.000364426	0.142857	0.000124946
8	0.124992	0.000958327	0.124999	0.000244138	0.125	7.32417e-05
10	0.0999966	0.000548599	0.0999998	0.000125	0.1	3e-05

Table 1: Numerical values of the scaling functions g_k, g_n, $g_{1/2}$ as a function of the argument x in the cross-over region $0.1 < x < 10$.