

Problem 1

h	f1 Eq(1)	f2 Eq(1)	f1 Eq(2)	f2 Eq(2)
0	1.49136	1.49136	0	0
1	0.478566	0.478567	-2	-1.99982
2	-0.522734	-0.522841	-4	-4.0206
3	-1.52286	-1.51005	-6.00014	-3.41854
4	-2.52288	-2.27241	-8.06807	-2.27241
5	-3.5229	-1.285	-7.43267	-1.285
6	-4.53154	0.0889387	-6.21799	0.0889387
7	-5.81963	0.940612	-5.42152	0.940612
8	-4.6732	1.44397	-4.6732	1.44397
9	-4.6732	2.77815	-4.6732	2.77815
10	-2.56071	2.77815	-2.56071	2.77815
11	-1.01191	2.77815	-1.01191	2.77815
12	-0.574298	2.77815	-0.574298	2.77815
13	-0.574298	2.77815	-0.574298	2.77815
14	1.56403	2.77815	1.56403	2.77815

Problem 2

h	Eq(3)	Eq(4)	Eq(5)	Eq(6)	Eq(7)
0.0625	0.191406	0.0078125	0.0078125	2.04082	2.11765
0.03125	0.0947266	0.00195312	0.00195312	2.02062	2.06061
0.015625	0.0471191	0.00048828	0.00048828	2.01036	2.03077
0.0078125	0.0234985	0.00012207	0.00012207	2.00519	2.0155
0.00390625	0.011734	3.05E-05	3.05E-05	2.0026	2.00778
0.00195312	0.00586319	7.63E-06	7.63E-06	2.0013	2.0039
0.00097656	0.00293064	1.91E-06	1.91E-06	2.00065	2.00195
0.00048828	0.00146508	4.77E-07	4.77E-07	2.00033	2.00098
0.00024414	0.00073248	1.19E-07	1.19E-07	2.00016	2.00049
0.00012207	0.00036623	2.98E-08	2.98E-08	2.00008	2.00024
6.10E-05	0.00018311	7.45E-09	7.45E-09	2.00004	2.00012
3.05E-05	9.16E-05	1.86E-09	1.86E-09	2.00002	2.00006
1.53E-05	4.58E-05	4.66E-10	4.66E-10	2.00001	2.00003
7.63E-06	2.29E-05	1.16E-10	1.16E-10	2.00001	2.00002
3.81E-06	1.14E-05	0	0	2.00001	2.00001
1.91E-06	5.72E-06	0	0	2	2.00001
9.54E-07	2.86E-06	0	0	2	2
4.77E-07	1.43E-06	0	0	2	2
2.38E-07	7.15E-07	0	0	2	2
1.19E-07	3.58E-07	0	0	2	2
5.96E-08	1.79E-07	0	0	2	2
2.98E-08	8.94E-08	0	0	2	2
1.49E-08	4.47E-08	0	0	2	2
7.45E-09	2.98E-08	0	0	1.5	3
3.73E-09	0	0	0	inf	0.5
1.86E-09	0	0	0	nan	inf
9.31E-10	0	0	0	nan	nan
4.66E-10	0	0	0	nan	nan
2.33E-10	0	0	0	nan	nan
1.16E-10	0	0	0	nan	nan
5.82E-11	0	0	0	nan	nan
2.91E-11	0	0	0	nan	nan
1.46E-11	0	0	0	nan	nan
7.28E-12	0	0	0	nan	nan
3.64E-12	0	0	0	nan	nan
1.82E-12	0	0	0	nan	nan
9.09E-13	0	0	0	nan	nan

