

1132_數值方法 Numerical Method

HW11

Use Matlab

x	y_shooting	y_fd	y_variational
0.0	1.000000	1.000000	1.000000
0.1	1.016650	1.016532	1.021619
0.2	1.059293	1.059102	1.054149
0.3	1.124476	1.124251	1.100370
0.4	1.209121	1.208890	1.160598
0.5	1.310528	1.310313	1.239047
0.6	1.426377	1.426194	1.339016
0.7	1.554712	1.554570	1.460520
0.8	1.693917	1.693822	1.608204
0.9	1.842688	1.842642	1.790175
1.0	2.000000	2.000000	2.000000

