

Table 1

	Domain: [-10,10]							
	Adaptive Mesh Parameters			Accuracy Results				
	Min Depth	Max Depth	Divide Tolerance	Energy Error (Hartree)	Kinetic Error	Potential Error	Psi 2 norm error	Psi max error
	3	7	0.05	0.01046	0.04724	-0.03678	5.217E-03	1.162E-04
	3	8	0.05	-0.00625	0.07905	-0.08530	7.768E-03	1.527E-04
	3	9	0.05	-0.00901	0.08537	-0.09438	8.262E-03	1.585E-04
	4	7	0.05	0.01849	0.00568	0.01281	1.117E-03	1.052E-05
	4	8	0.05	0.00184	0.04516	-0.04332	2.466E-03	2.093E-05
	4	9	0.05	-0.00090	0.05142	-0.05231	2.806E-03	2.278E-05
	5	7	0.05	0.02242	-0.01061	0.03303	4.681E-04	1.150E-05
	5	8	0.05	0.00590	0.02187	-0.01597	4.797E-04	2.017E-06
	5	9	0.05	0.00319	0.02804	-0.02485	6.351E-04	2.344E-06
	3	7	0.025	0.01996	-0.01548	0.03544	7.678E-04	1.306E-05
	3	8	0.025	0.00233	-0.01281	0.01514	8.089E-04	6.246E-06
	3	9	0.025	-0.00275	-0.02796	0.02521	1.142E-03	7.233E-06
	4	7	0.025	0.02127	-0.01970	0.04097	6.883E-04	1.410E-05
	4	8	0.025	0.00355	0.01125	-0.00770	4.877E-04	2.496E-06
	4	9	0.025	-0.00156	0.02139	-0.02294	7.698E-04	3.266E-06