

Helium	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
E <sub>coul</sub>	1.996120	1.997775	0.001655	0.000829
E <sub>tot</sub>	-2.834836	-2.834648	0.000188	-0.000066
E <sub>xc</sub>	-0.973314	-0.974061	0.000747	-0.000768
E <sub>kin</sub>	2.767922	2.770883	0.002961	0.001070
1s	-0.570425	-0.572010	0.001585	-0.002778

# Orbital 1s eigen energy -0.5720

