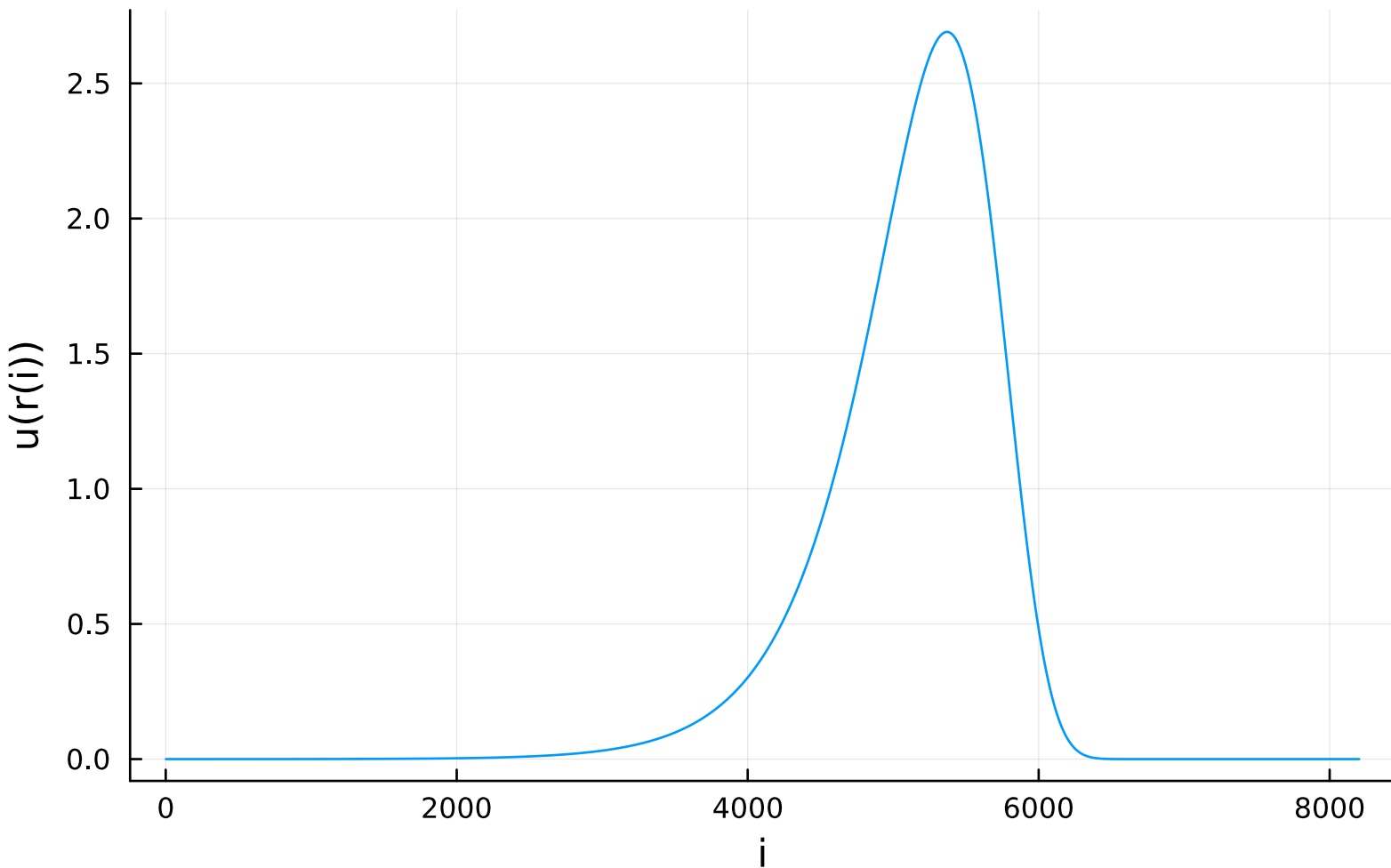
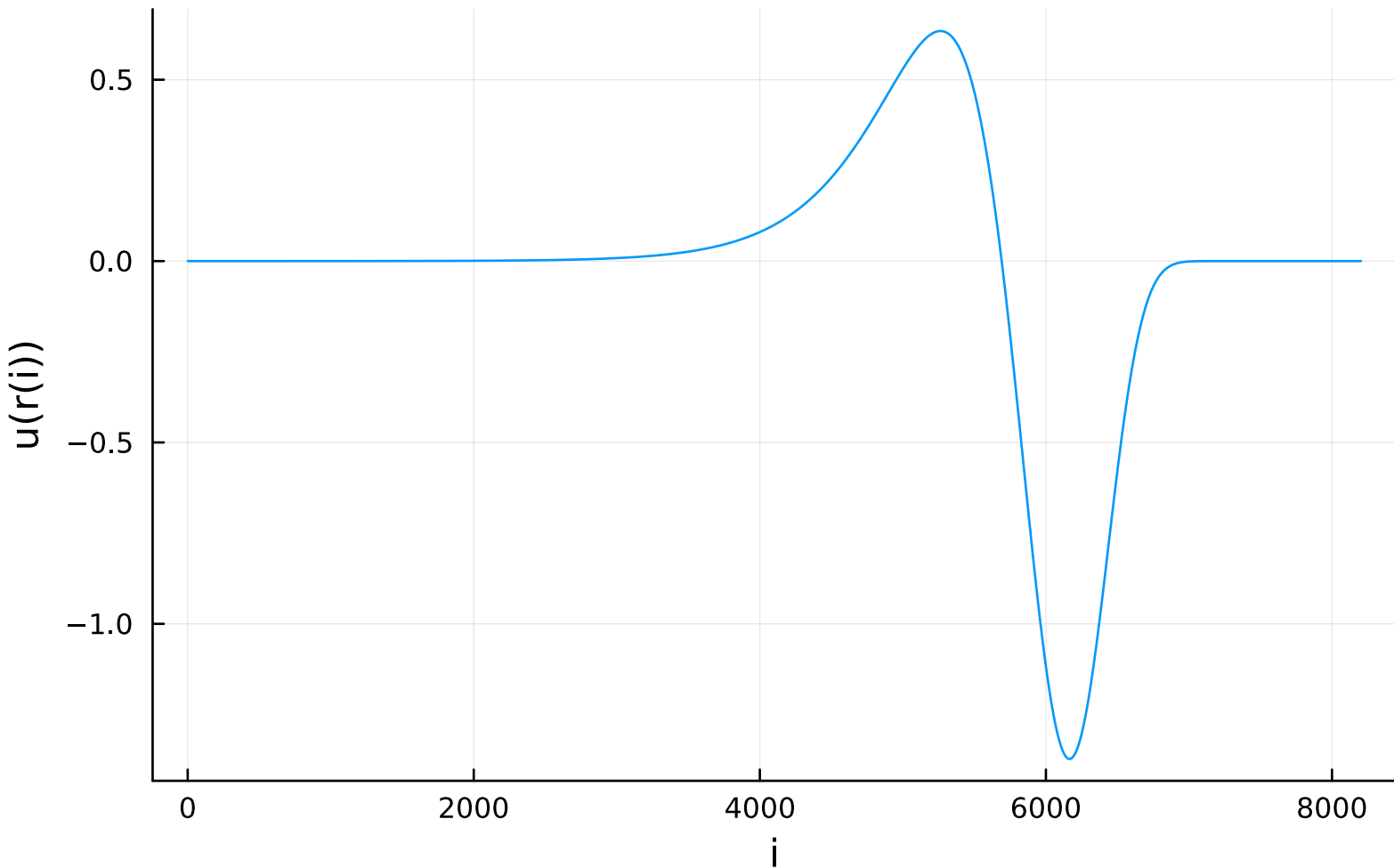


Silicon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
Ecoul	131.767814	131.767910	0.000096	0.000001
3p	-0.153293	-0.153288	0.000005	-0.000033
Etot	-288.198397	-288.198397	0.000000	-0.000000
2s	-5.075056	-5.075054	0.000002	-0.000000
3s	-0.398139	-0.398134	0.000005	-0.000012
Exc	-19.553276	-19.553283	0.000007	-0.000000
Ekin	287.487740	287.487781	0.000041	0.000000
2p	-3.514938	-3.514936	0.000002	-0.000000
1s	-65.184426	-65.184430	0.000004	-0.000000

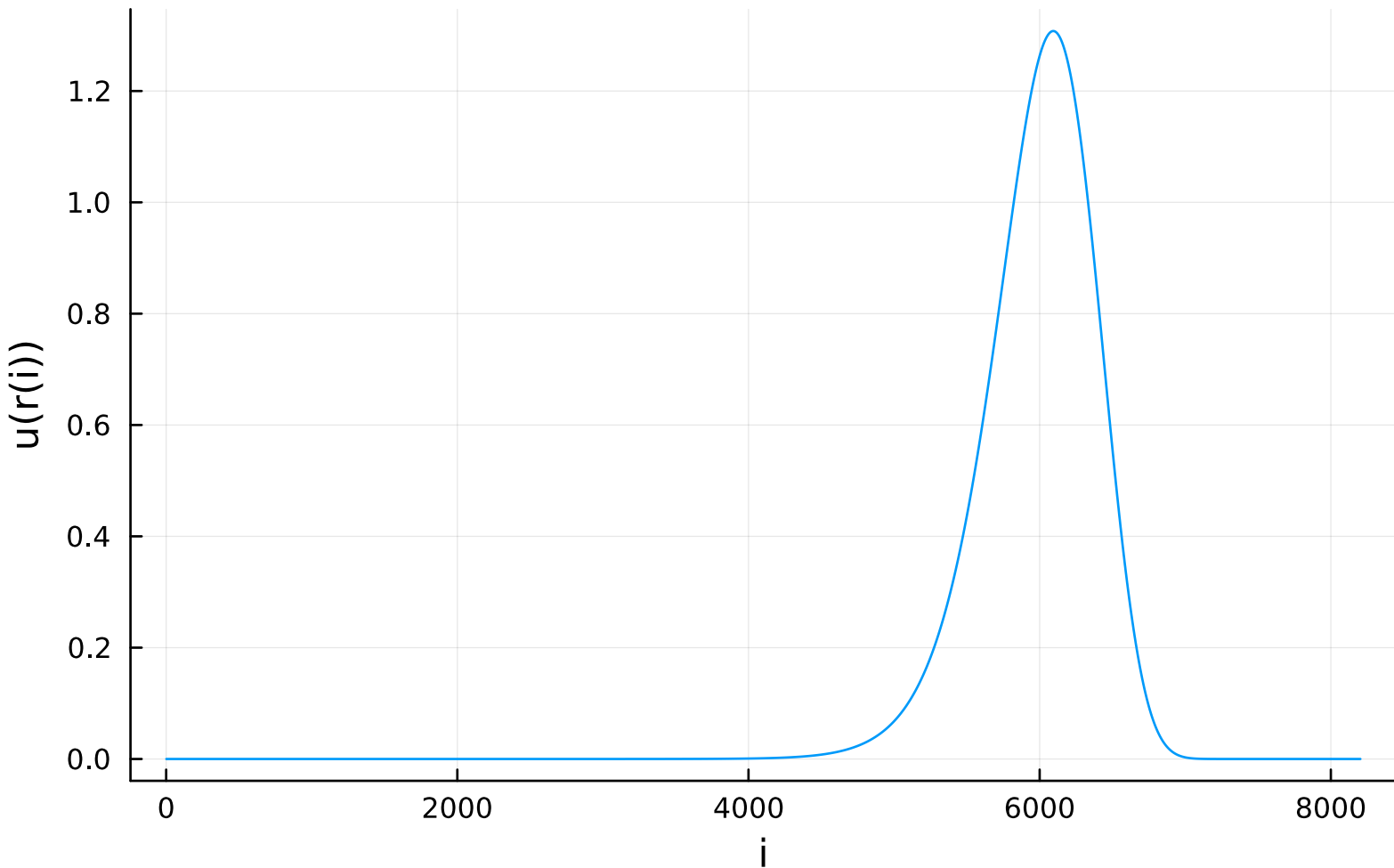
# Orbital 1s eigen energy -65.1844



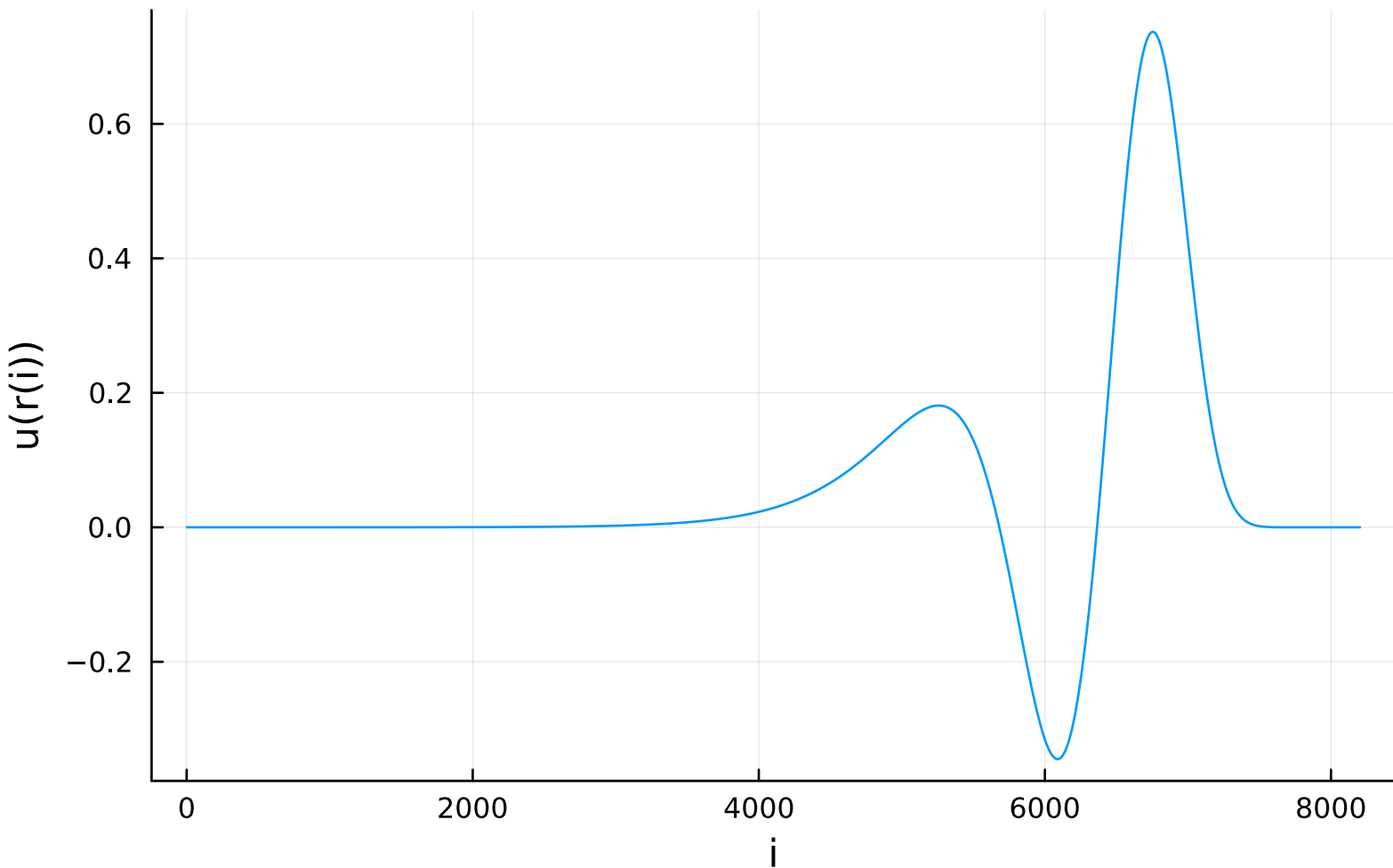
# Orbital 2s eigen energy -5.0751



# Orbital 2p eigen energy -3.5149



# Orbital 3s eigen energy -0.3981



# Orbital 3p eigen energy -0.1533

