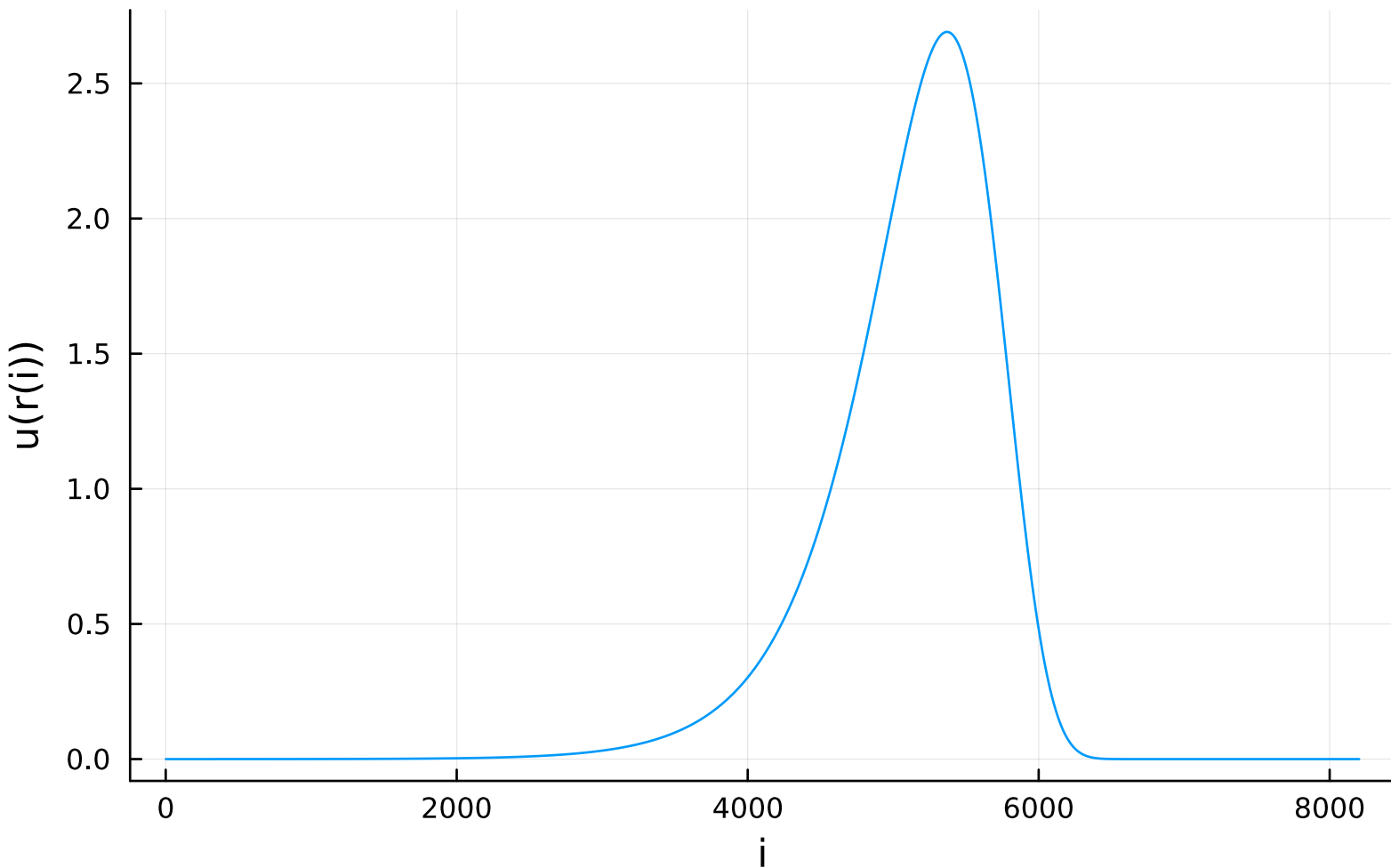
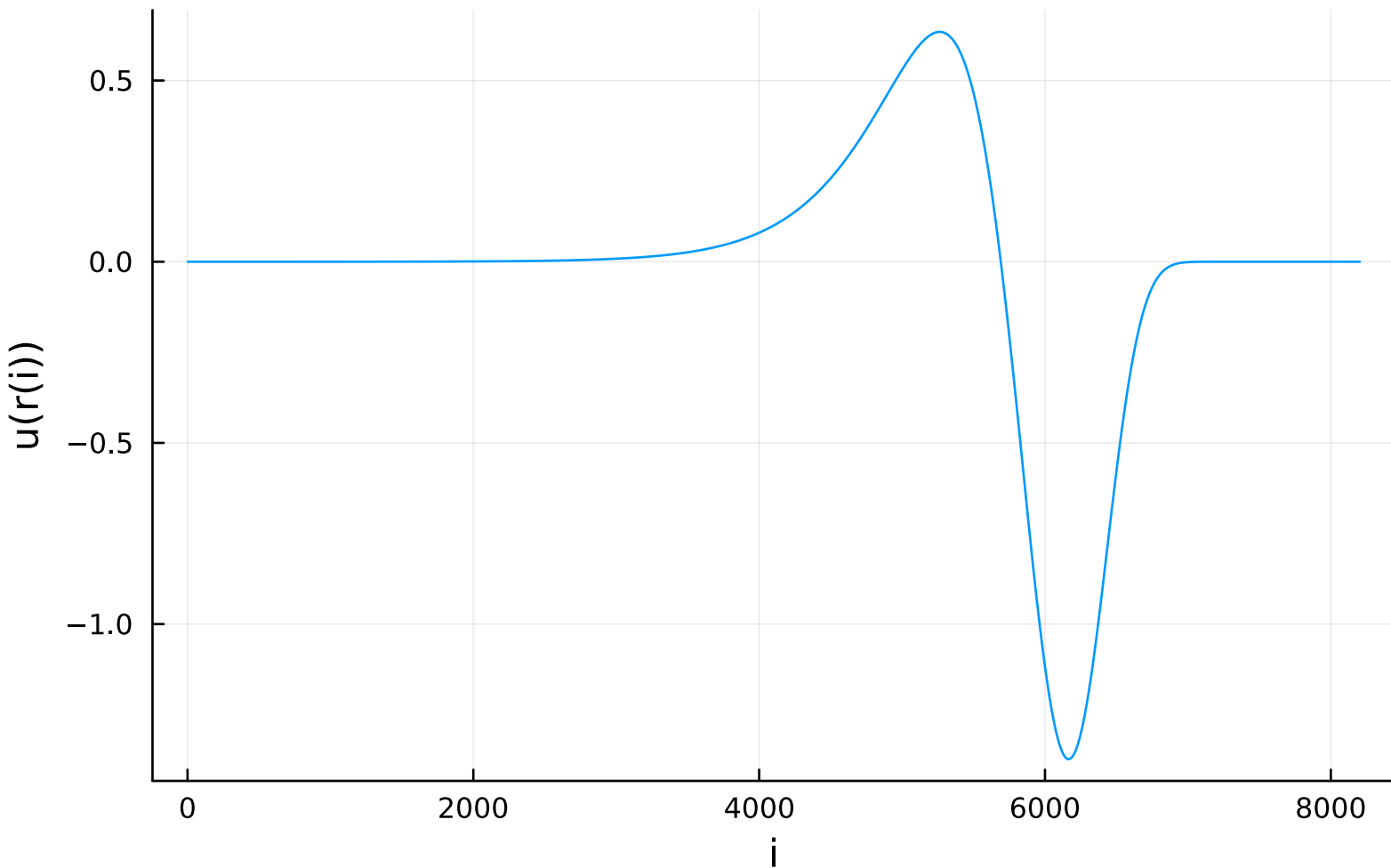


Silicon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
Ecoul	131.767814	131.774721	0.006907	0.000052
3p	-0.153293	-0.155157	0.001864	-0.012161
Etot	-288.198397	-288.198397	0.000000	-0.000000
2s	-5.075056	-5.077106	0.002050	-0.000404
3s	-0.398139	-0.400088	0.001949	-0.004895
Exc	-19.553276	-19.553742	0.000466	-0.000024
Ekin	287.487740	287.487063	0.000677	0.000002
2p	-3.514938	-3.516980	0.002042	-0.000581
1s	-65.184426	-65.186428	0.002002	-0.000031

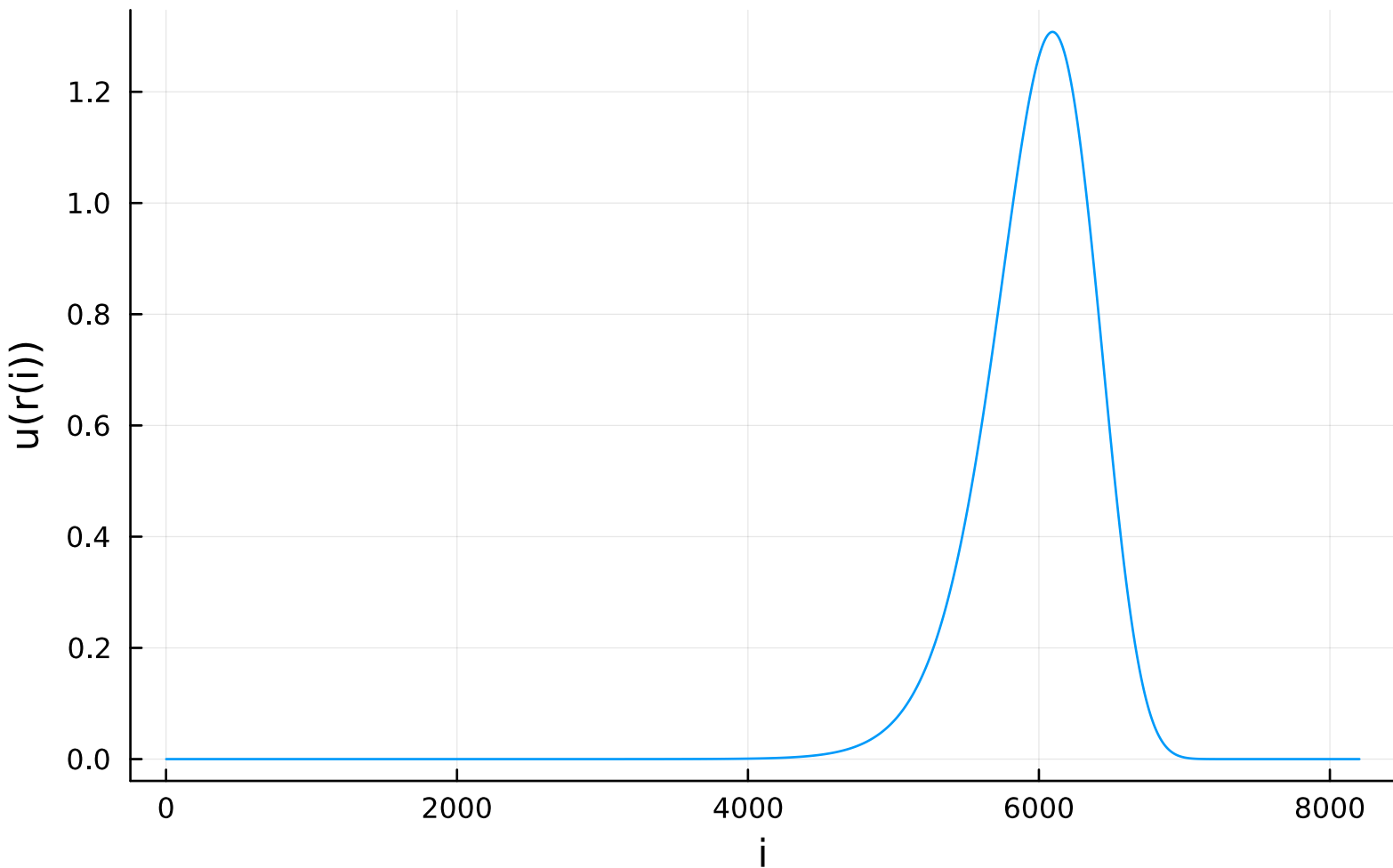
# Orbital 1s eigen energy -65.1864



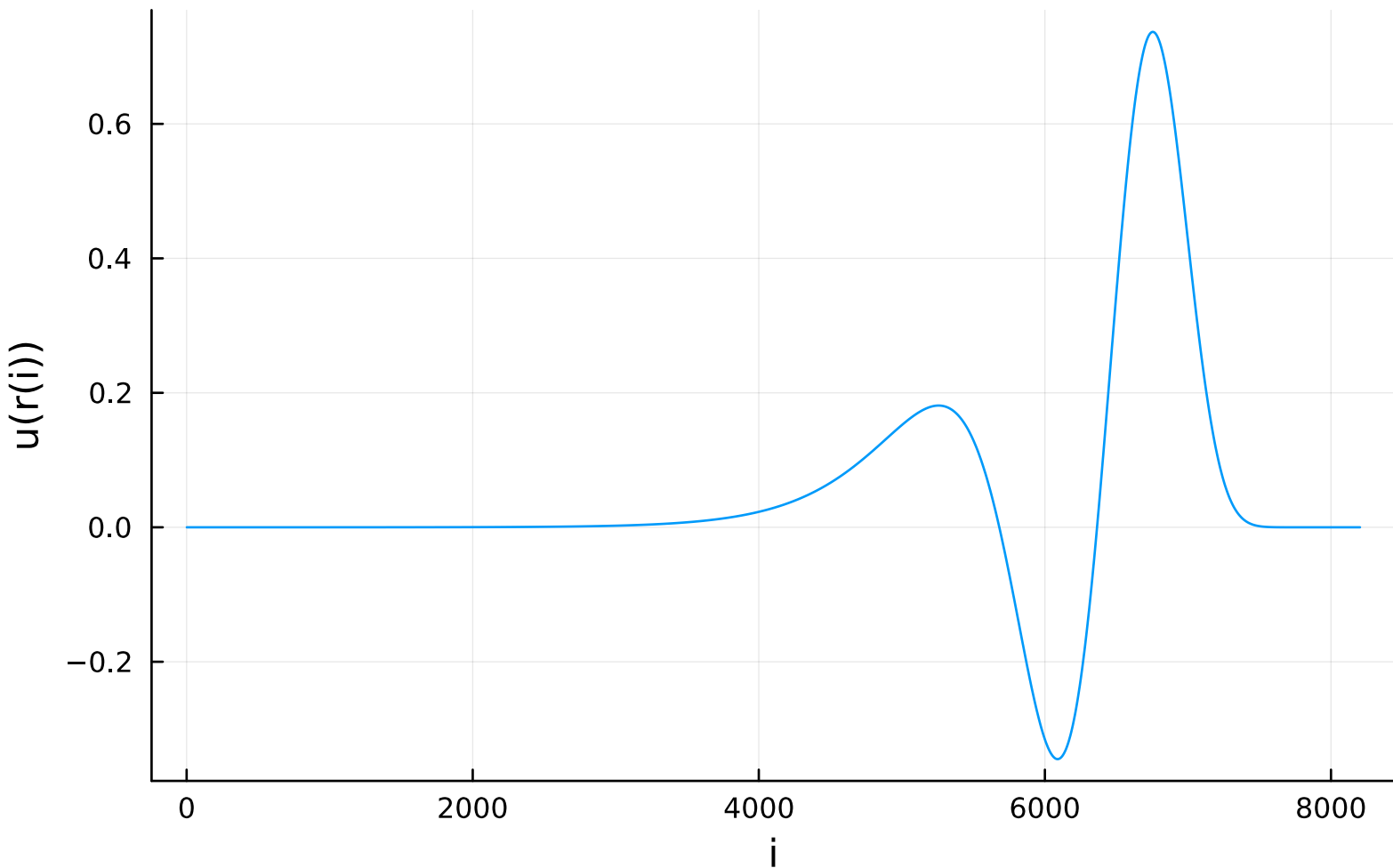
# Orbital 2s eigen energy -5.0771



# Orbital 2p eigen energy -3.5170



# Orbital 3s eigen energy -0.4001



# Orbital 3p eigen energy -0.1552

