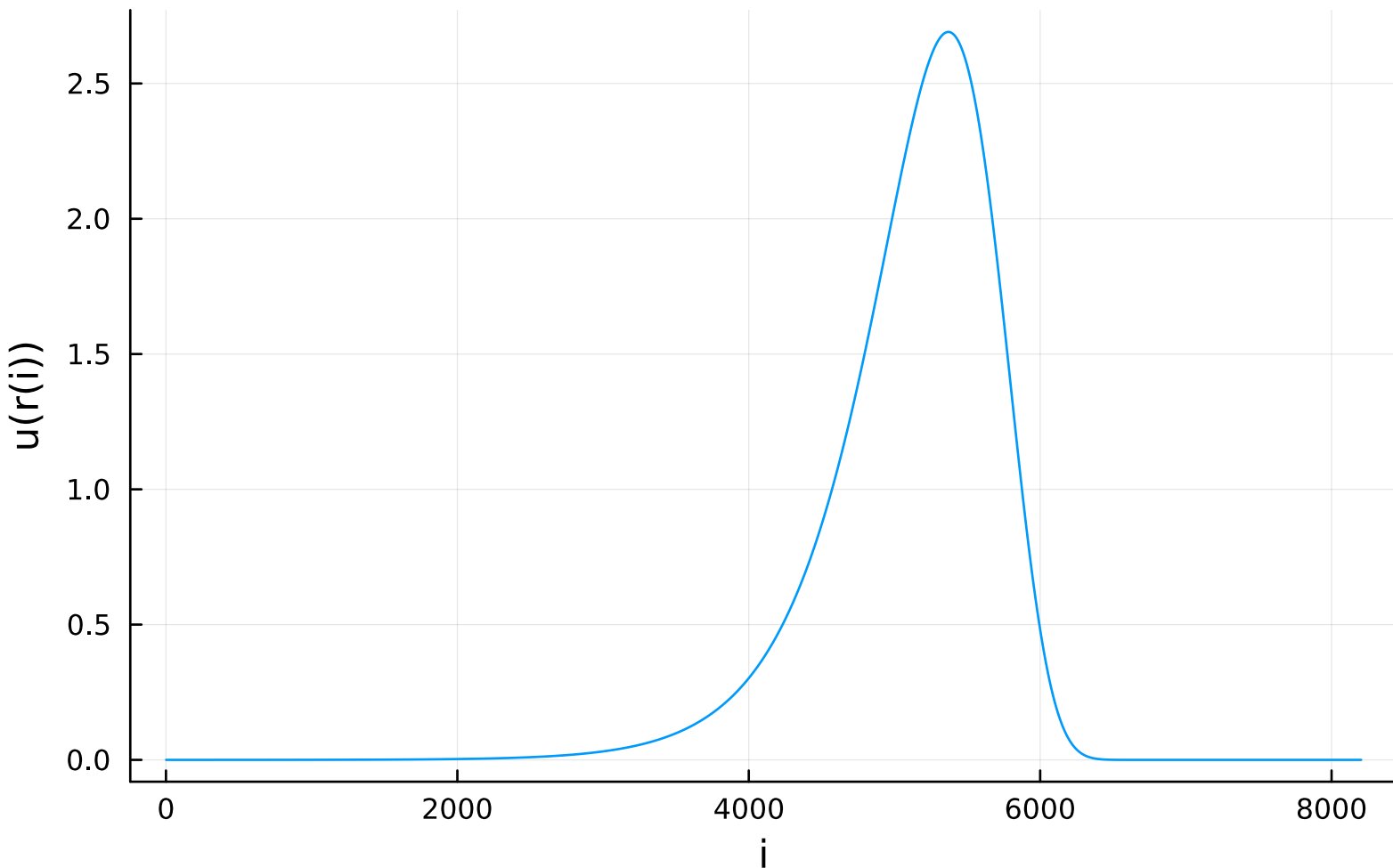
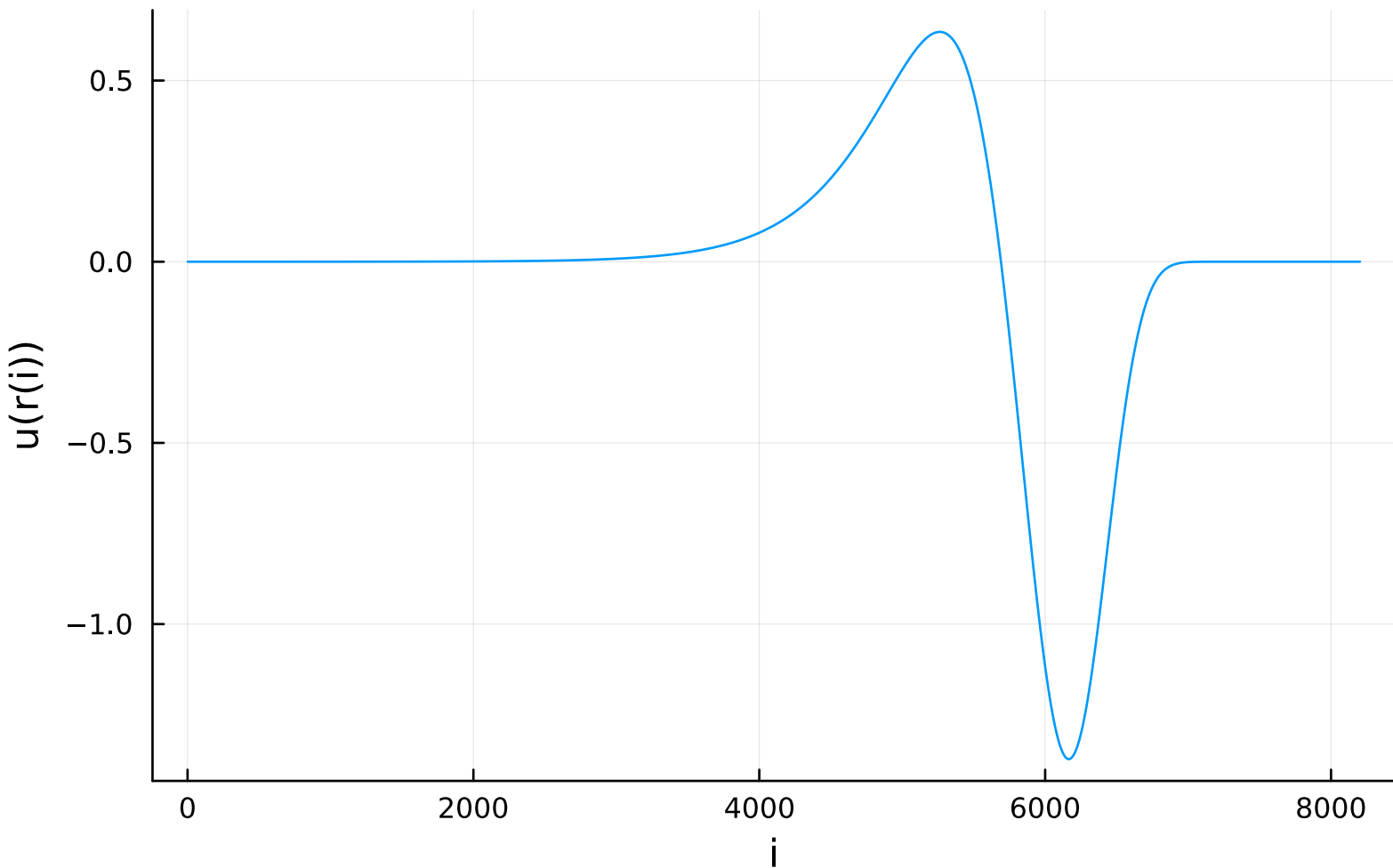


Silicon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
Ecoul	131.767814	131.767815	0.000001	0.000000
3p	-0.153293	-0.153290	0.000003	-0.000017
Etot	-288.198397	-288.198397	0.000000	-0.000000
2s	-5.075056	-5.075051	0.000005	-0.000001
3s	-0.398139	-0.398136	0.000003	-0.000007
Exc	-19.553276	-19.553276	0.000000	-0.000000
Ekin	287.487740	287.487740	0.000000	0.000000
2p	-3.514938	-3.514934	0.000004	-0.000001
1s	-65.184426	-65.184422	0.000004	-0.000000

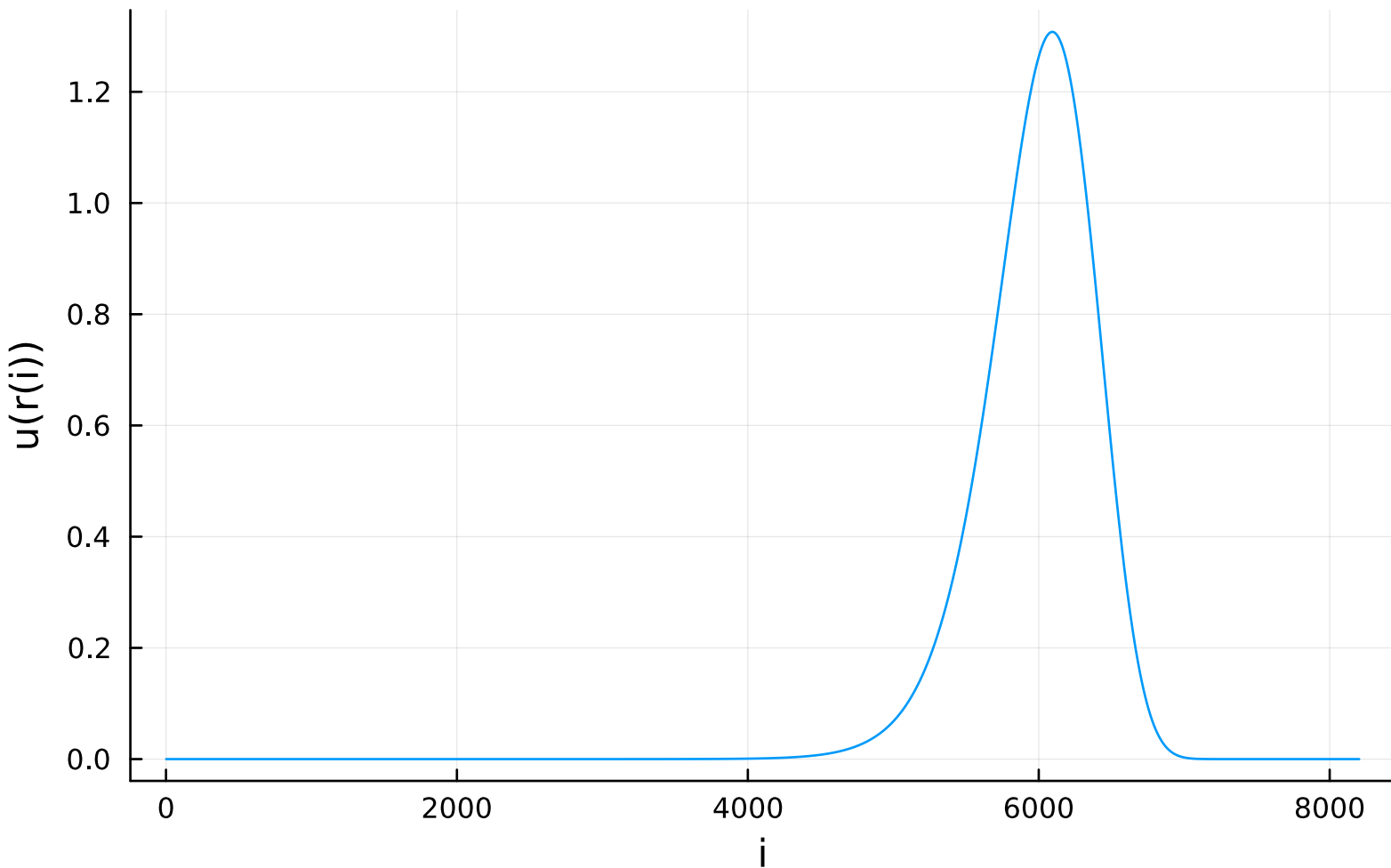
# Orbital 1s eigen energy -65.1844



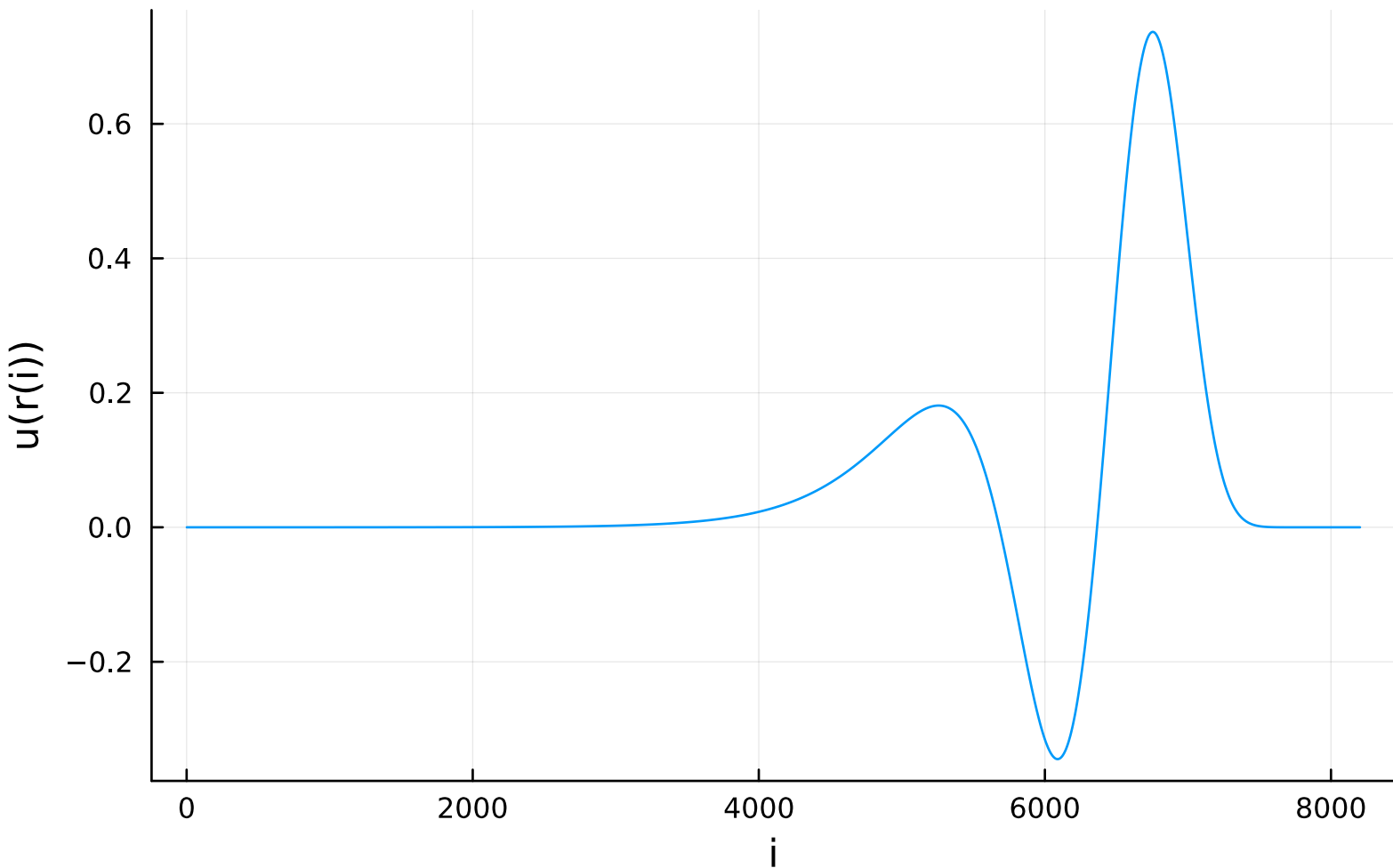
# Orbital 2s eigen energy -5.0751



# Orbital 2p eigen energy -3.5149



# Orbital 3s eigen energy -0.3981



# Orbital 3p eigen energy -0.1533

