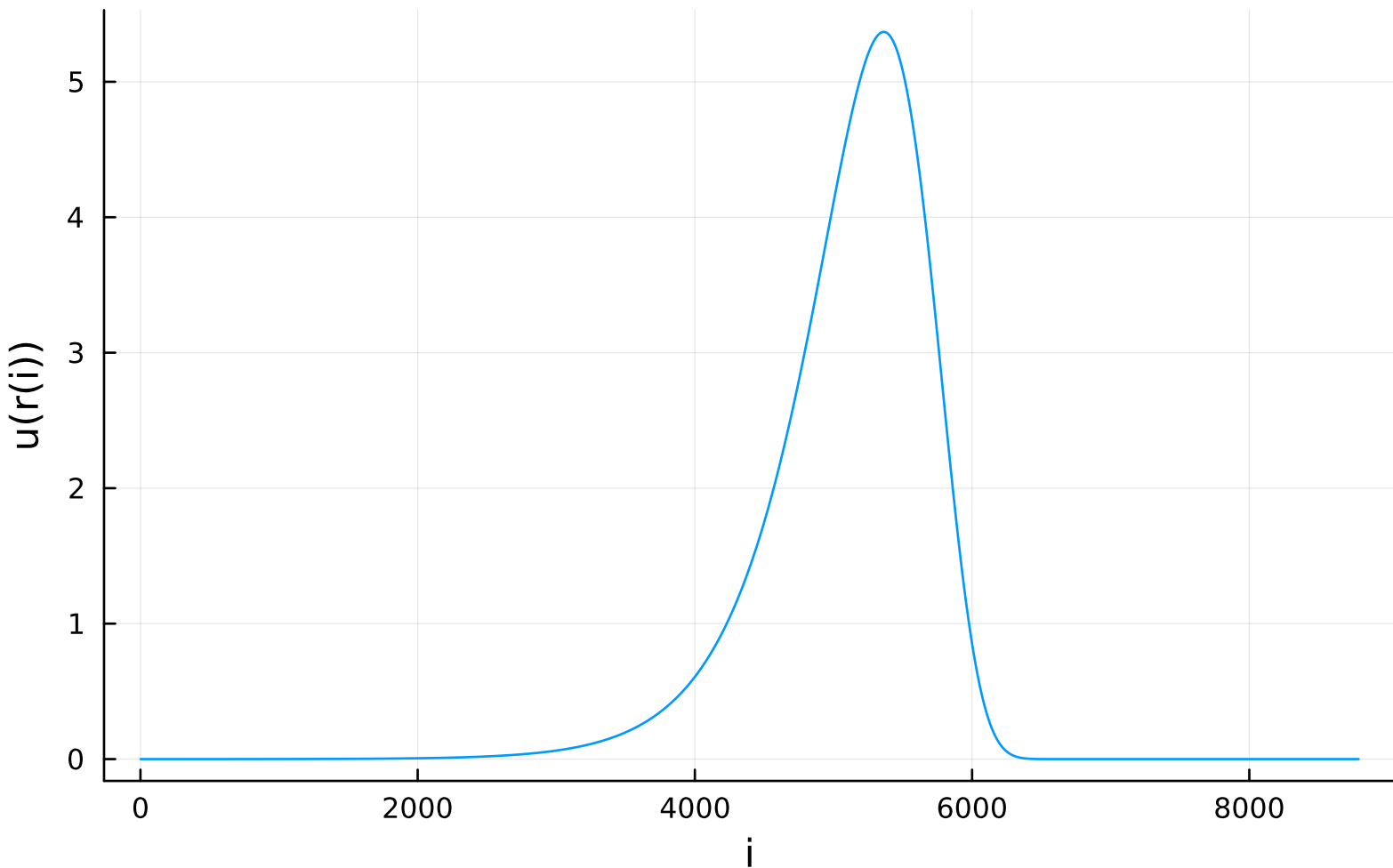
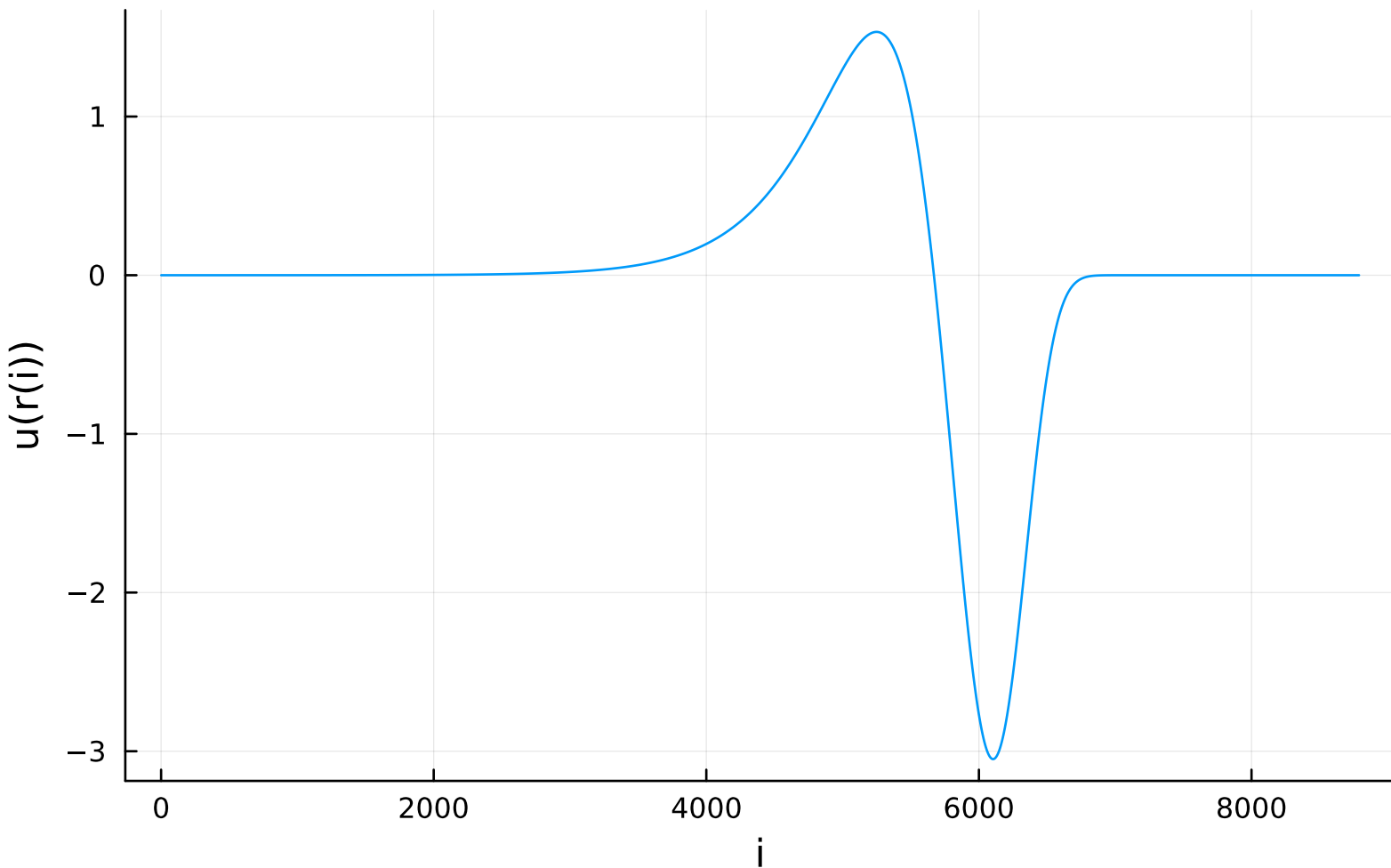


Xenon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
4d	-2.286666	-2.286682	0.000016	-0.000007
Ecoul	2880.919348	2880.919082	0.000266	0.000000
3p	-32.867042	-32.867038	0.000004	-0.000000
4p	-5.063802	-5.063815	0.000013	-0.000003
Exc	-175.713845	-175.713841	0.000004	-0.000000
5p	-0.309835	-0.309849	0.000014	-0.000045
2p	-172.599583	-172.599593	0.000010	-0.000000
5s	-0.672086	-0.672103	0.000017	-0.000026
4s	-6.678340	-6.678352	0.000012	-0.000002
Etot	-7228.856107	-7228.856106	0.000001	-0.000000
2s	-183.327495	-183.327504	0.000009	-0.000000
3s	-37.415454	-37.415449	0.000005	-0.000000
3d	-24.378230	-24.378229	0.000001	-0.000000
Ekin	7225.097817	7225.097056	0.000761	0.000000
1s	-1208.688993	-1208.688999	0.000006	-0.000000

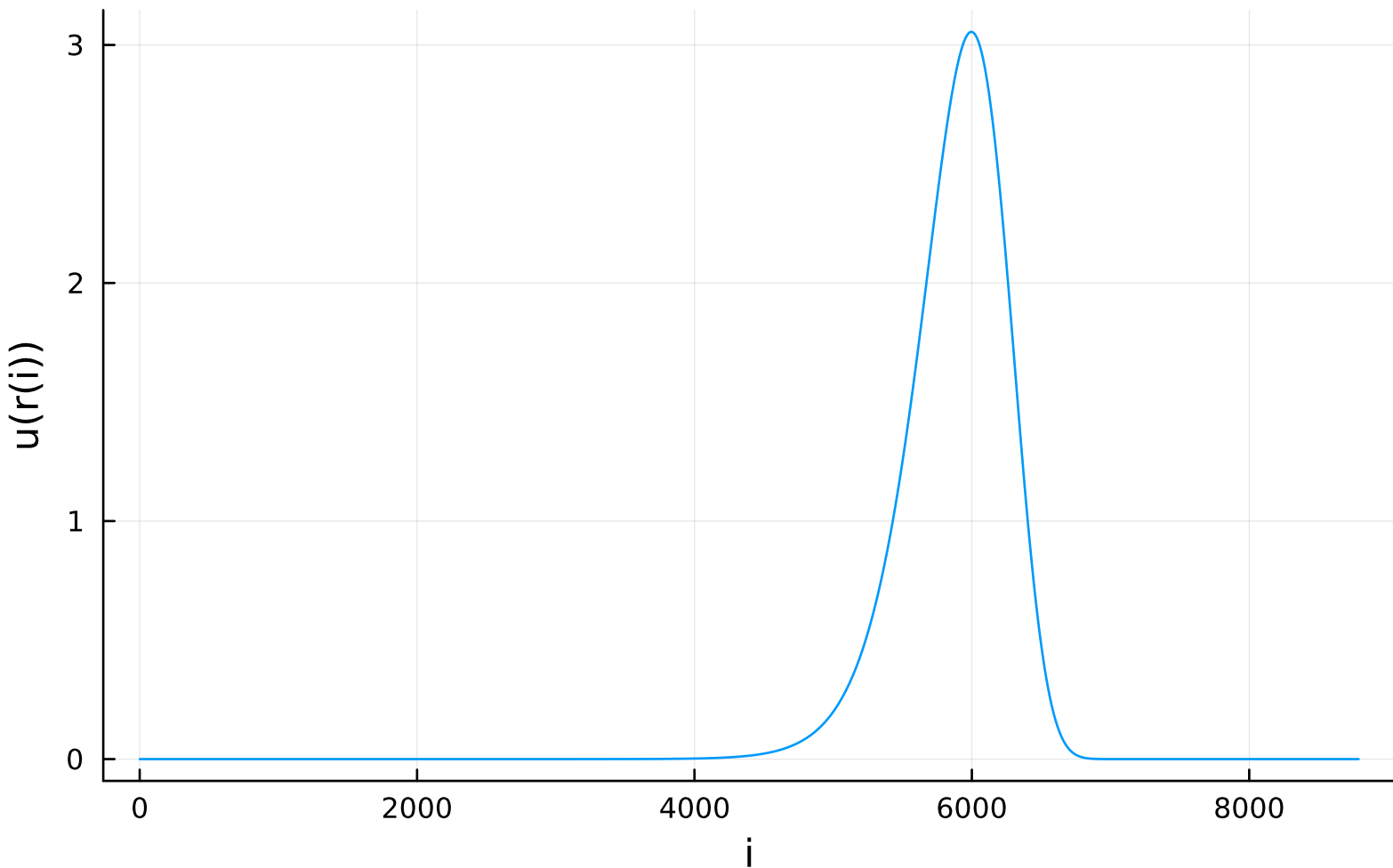
# Orbital 1s eigen energy -1208.6890



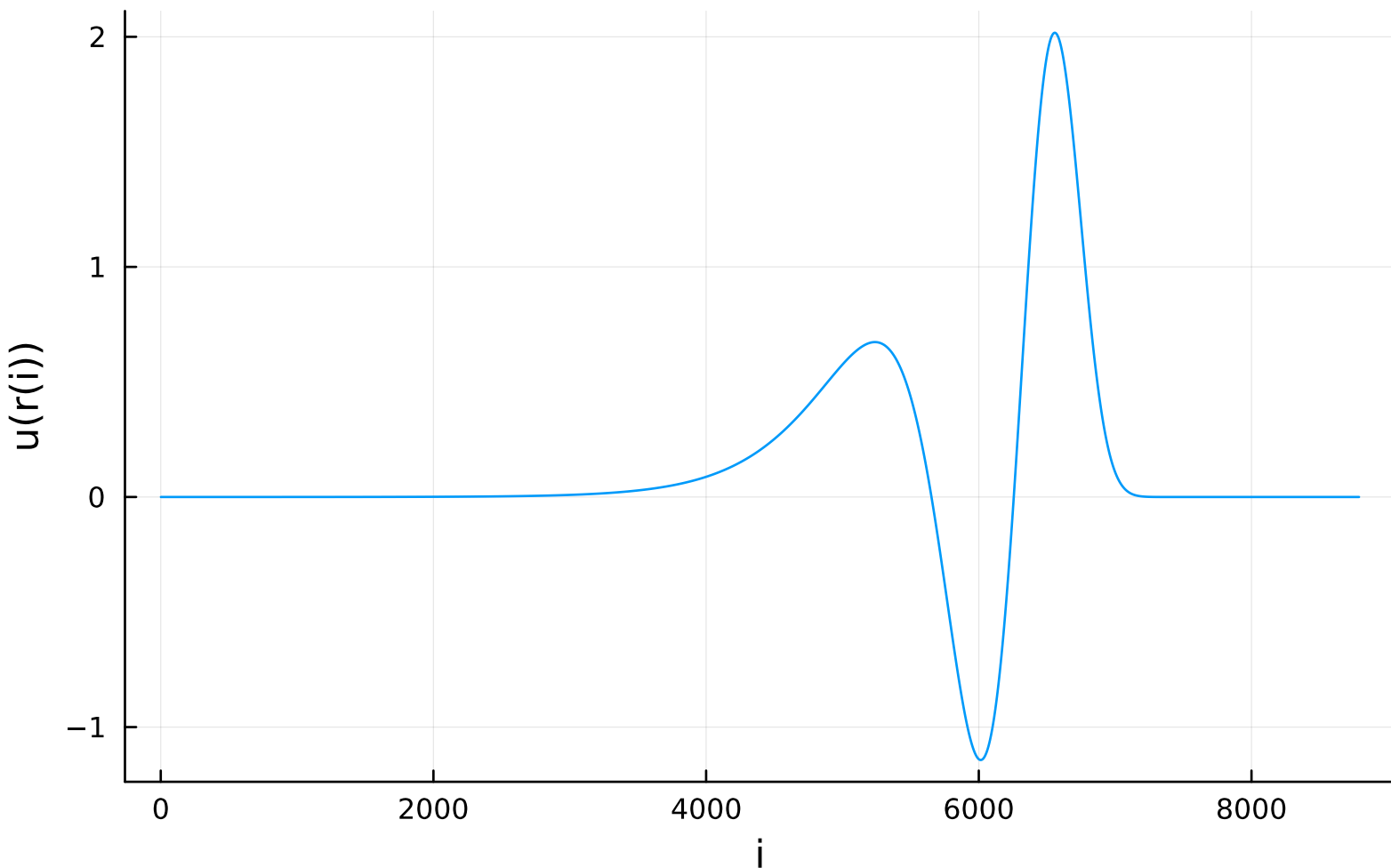
# Orbital 2s eigen energy -183.3275



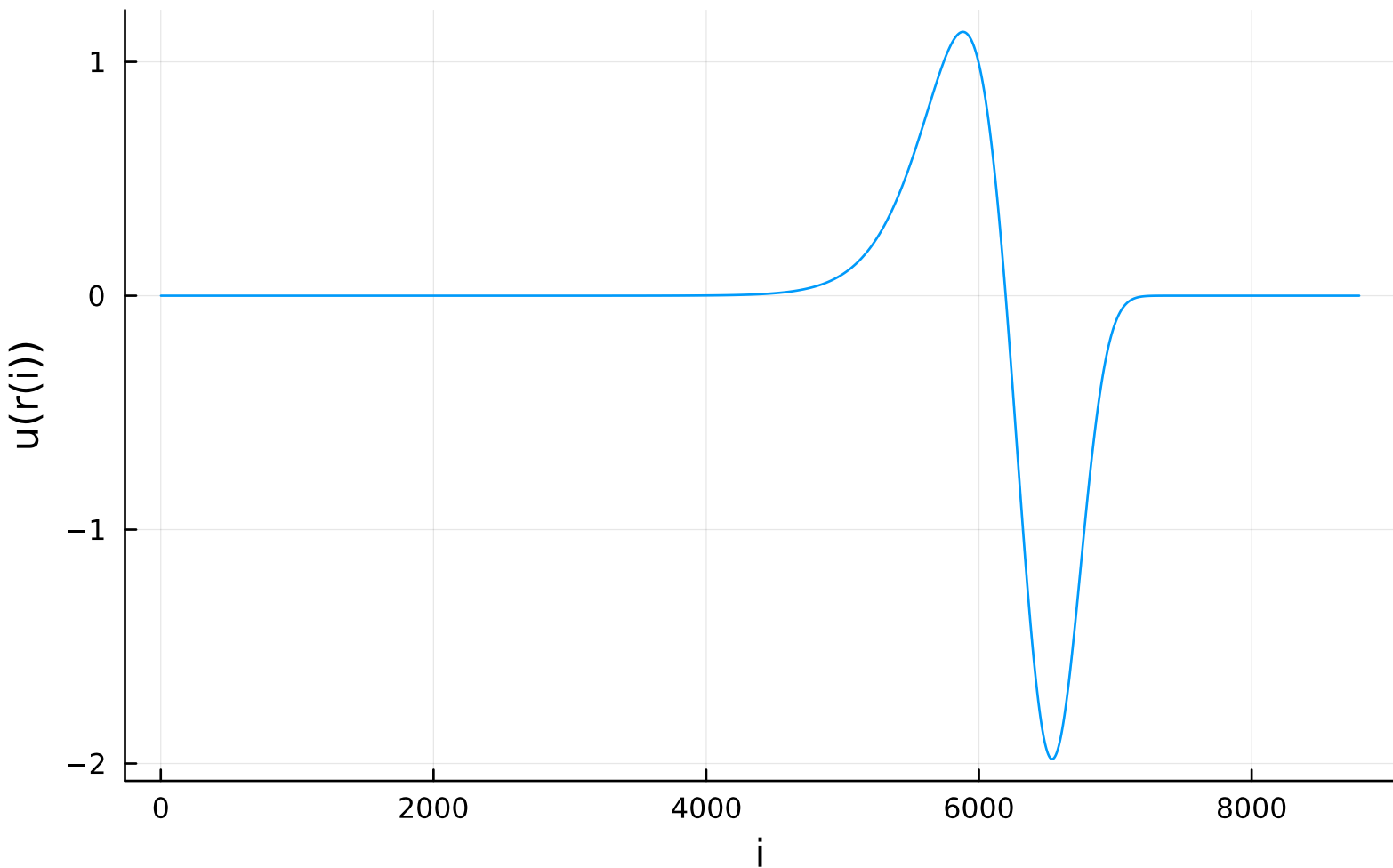
# Orbital 2p eigen energy -172.5996



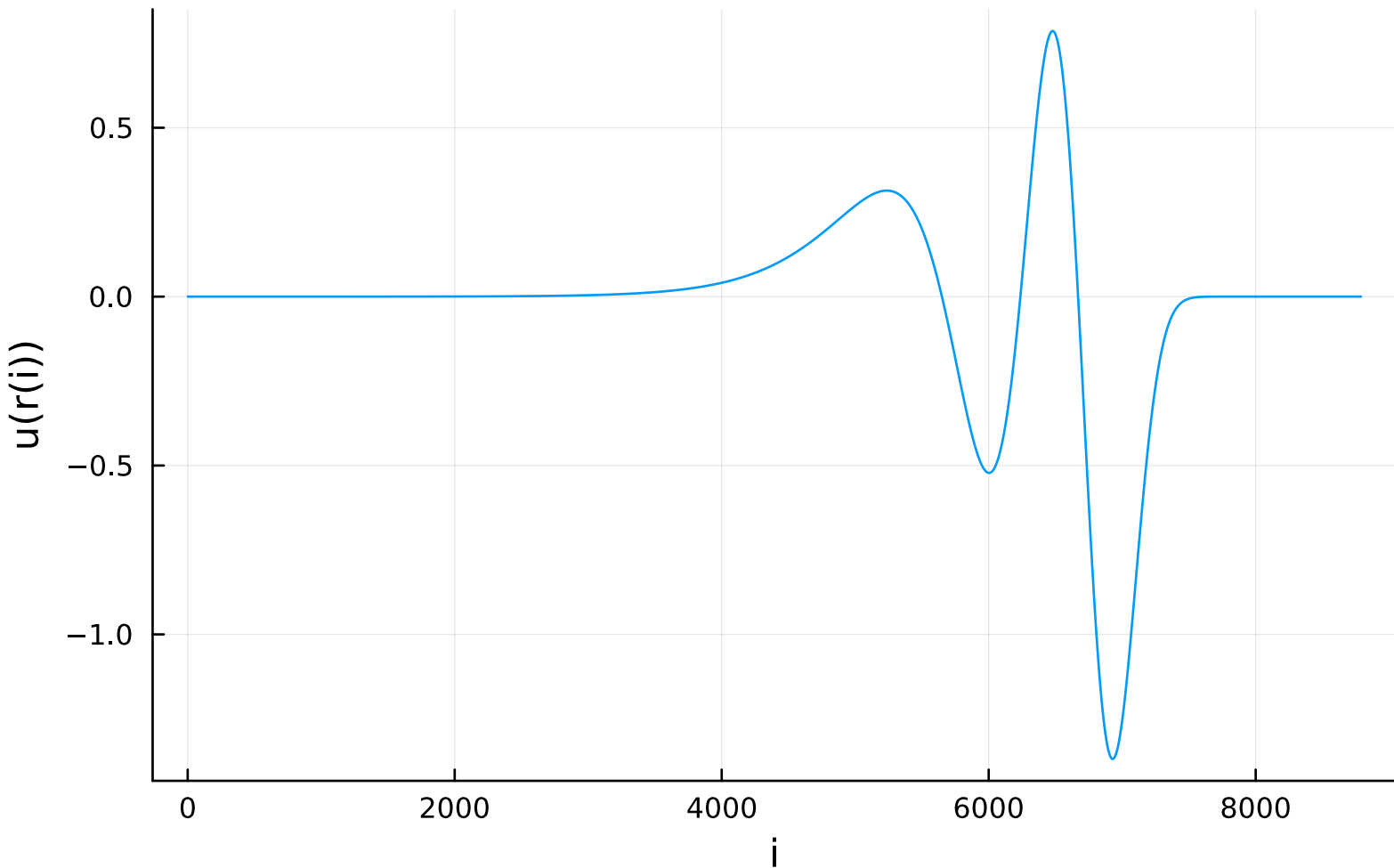
# Orbital 3s eigen energy -37.4154



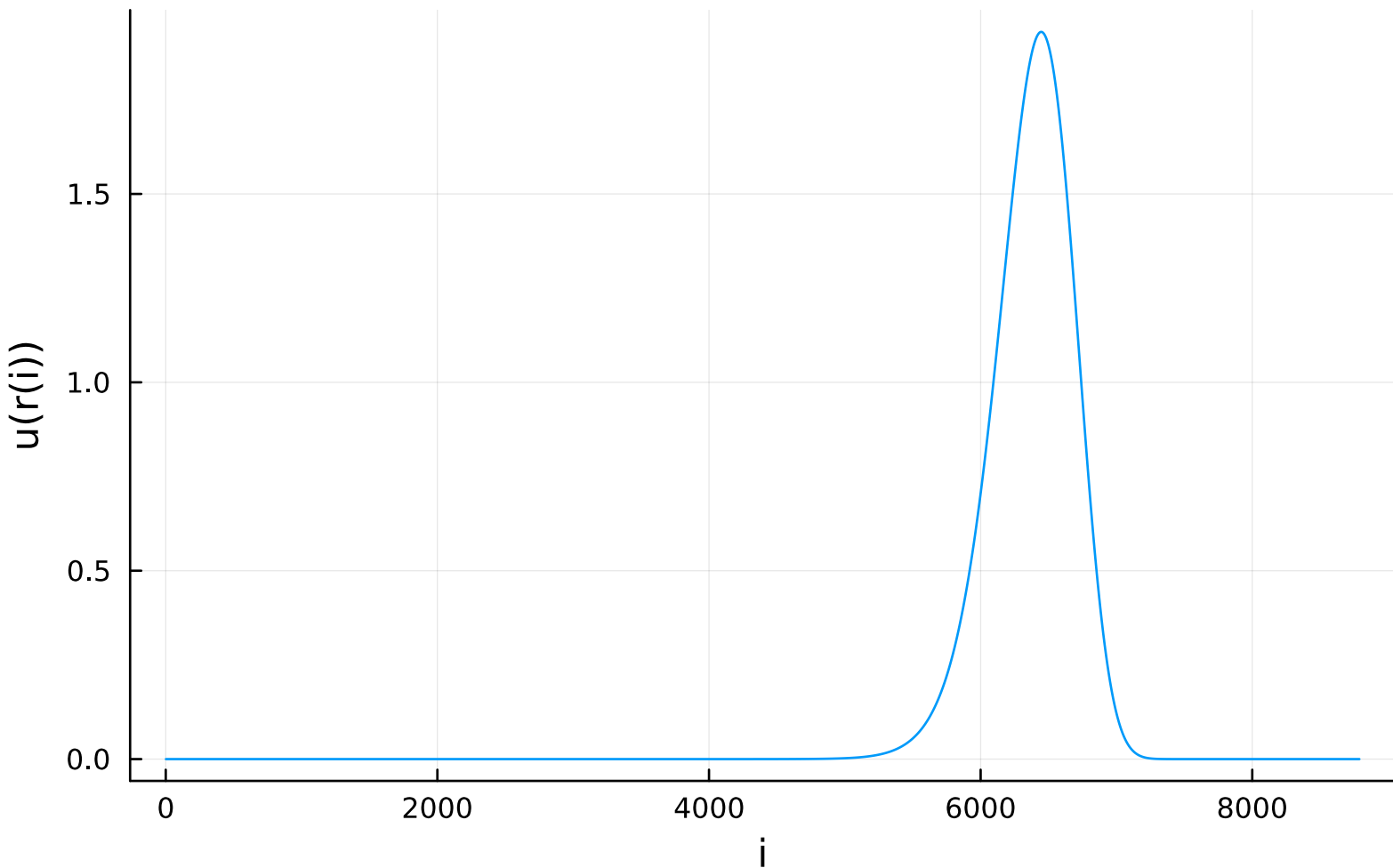
# Orbital 3p eigen energy -32.8670



# Orbital 4s eigen energy -6.6784

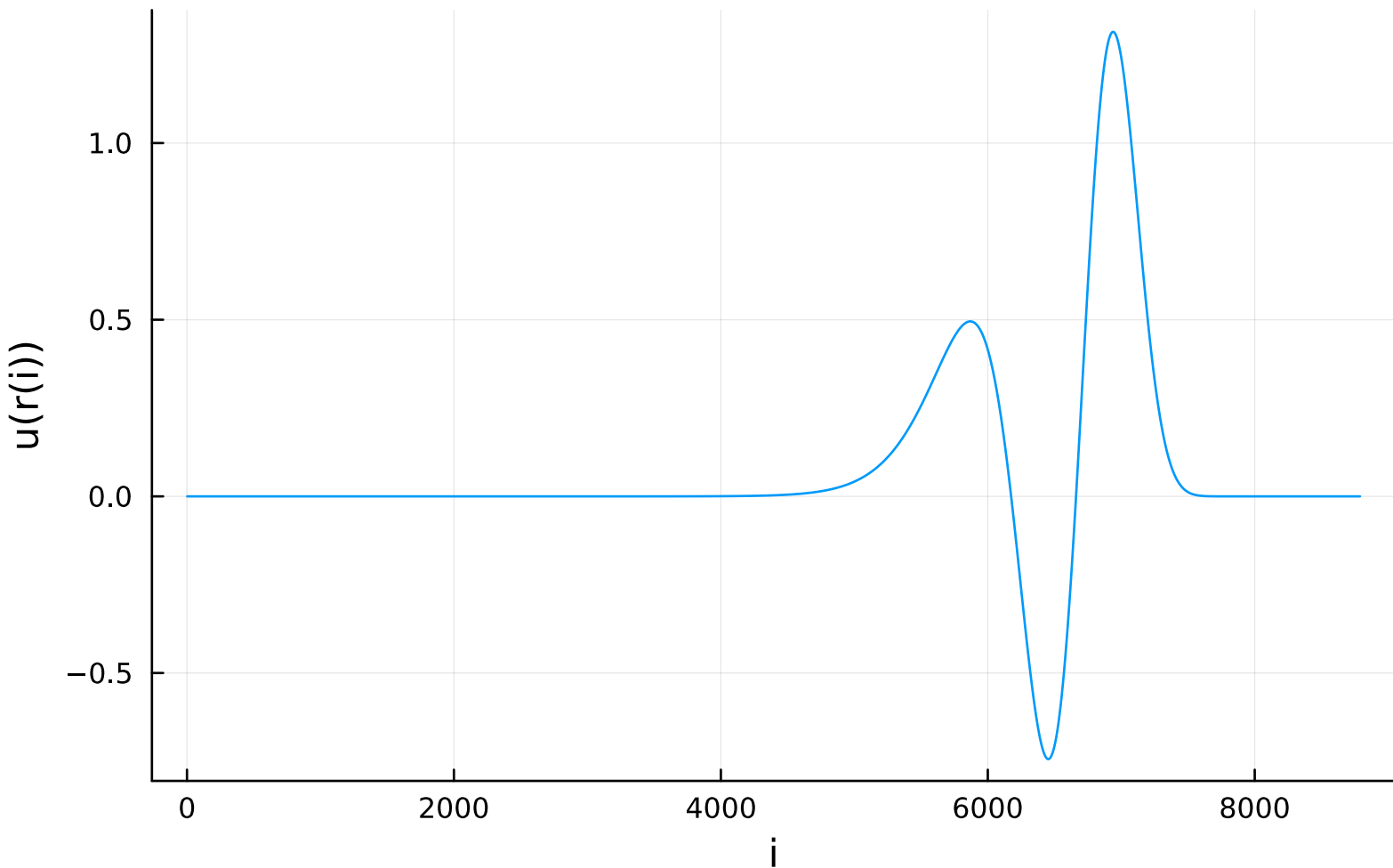


# Orbital 3d eigen energy -24.3782

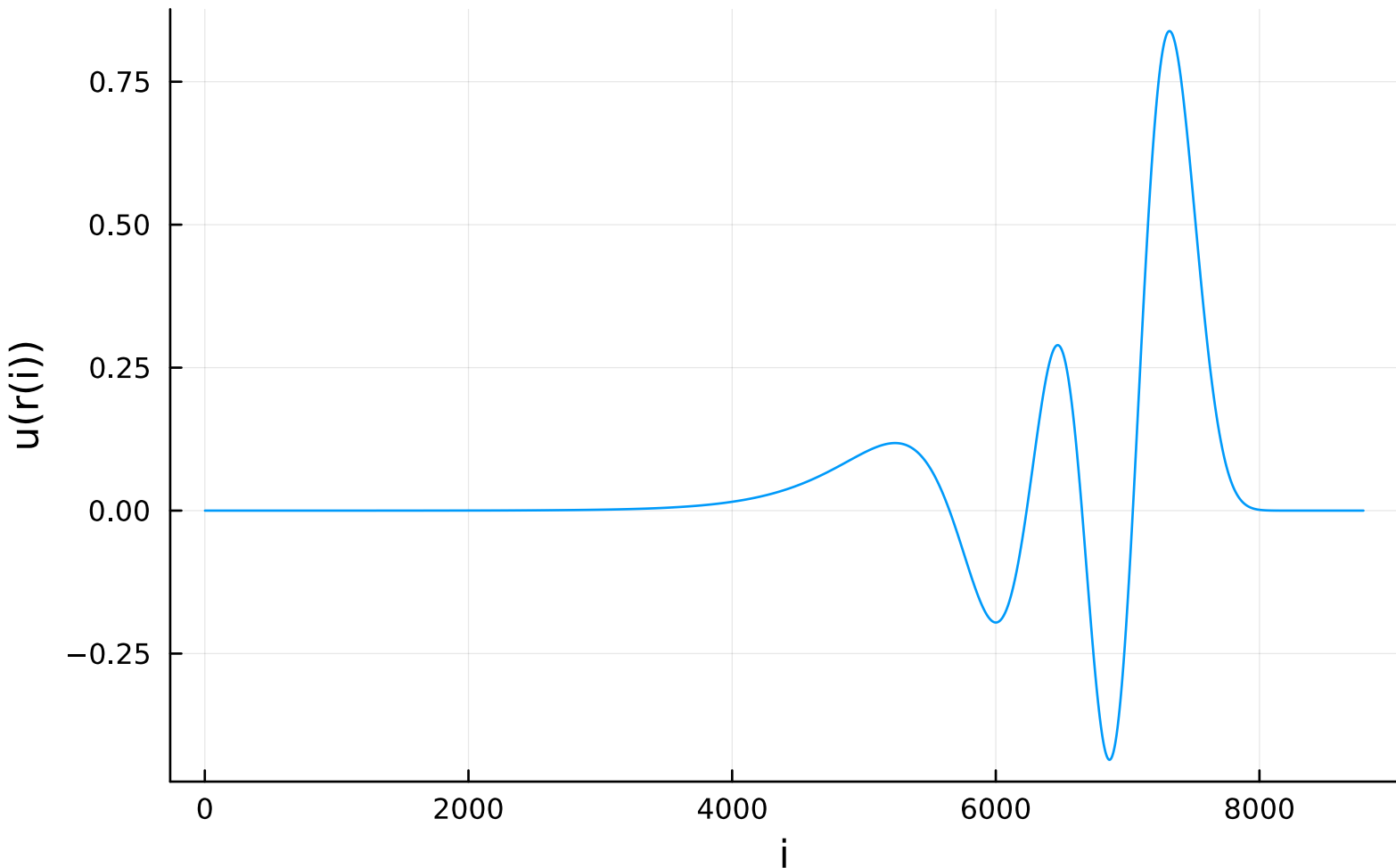




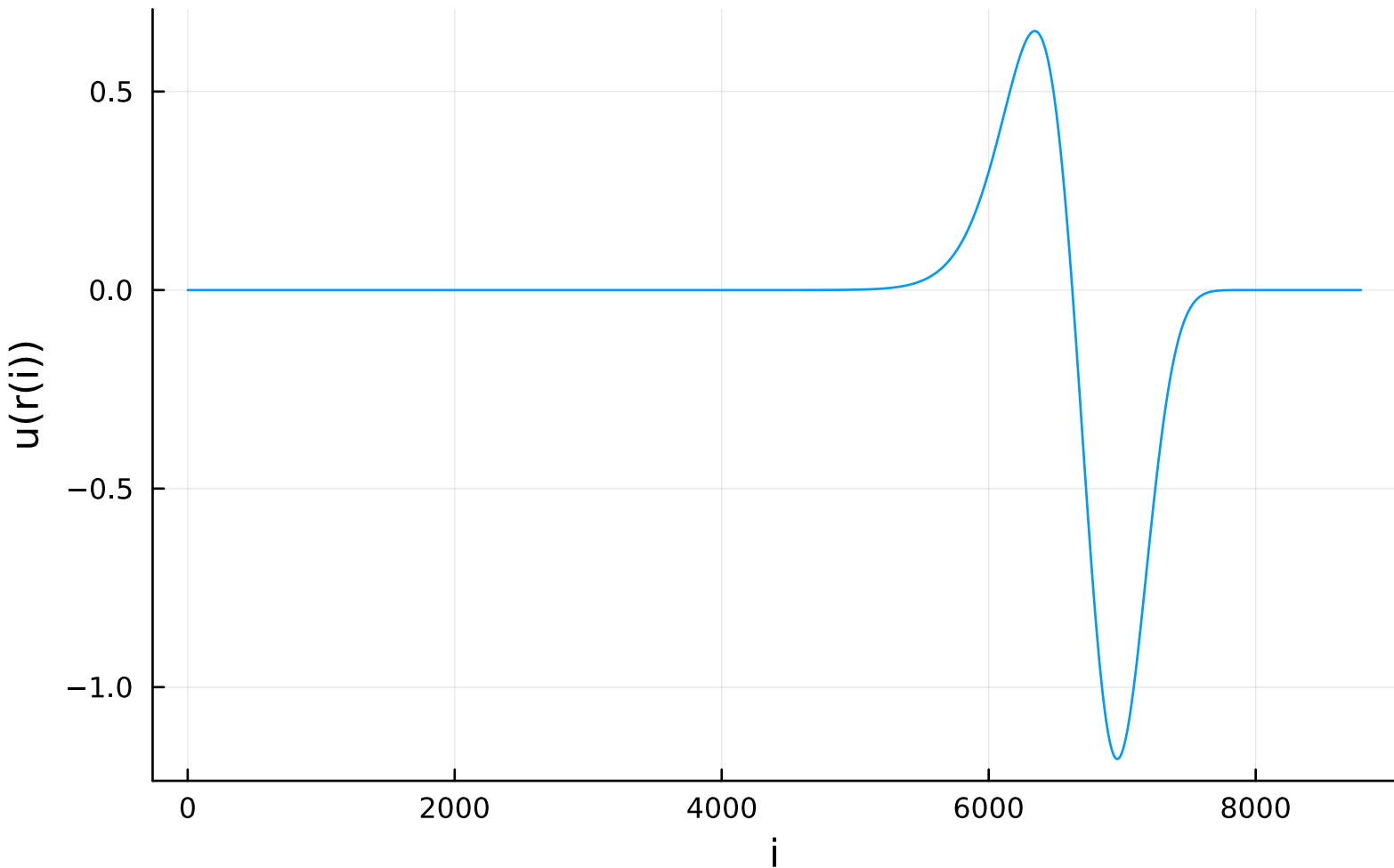
# Orbital 4p eigen energy -5.0638



# Orbital 5s eigen energy -0.6721



# Orbital 4d eigen energy -2.2867



# Orbital 5p eigen energy -0.3098

