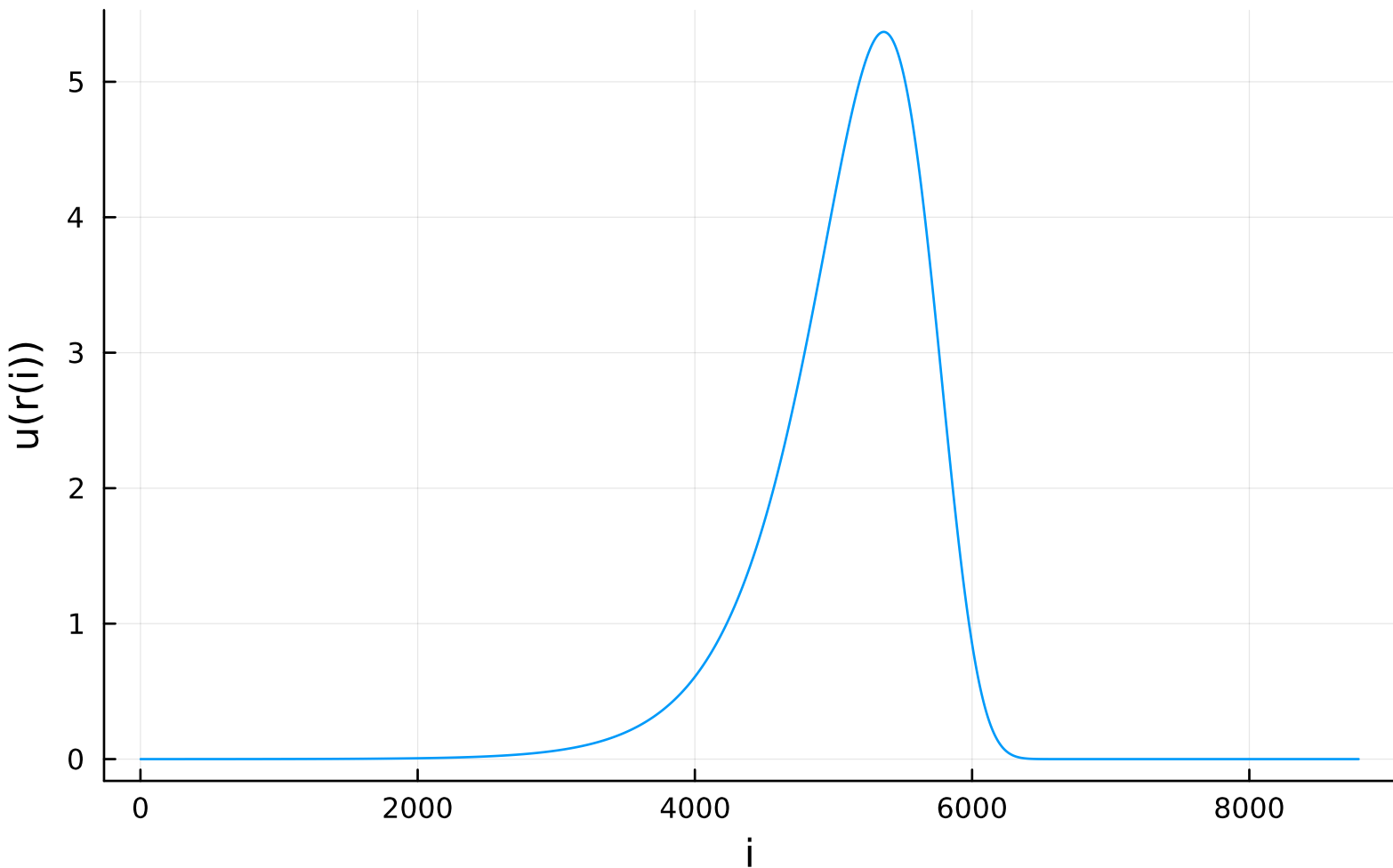
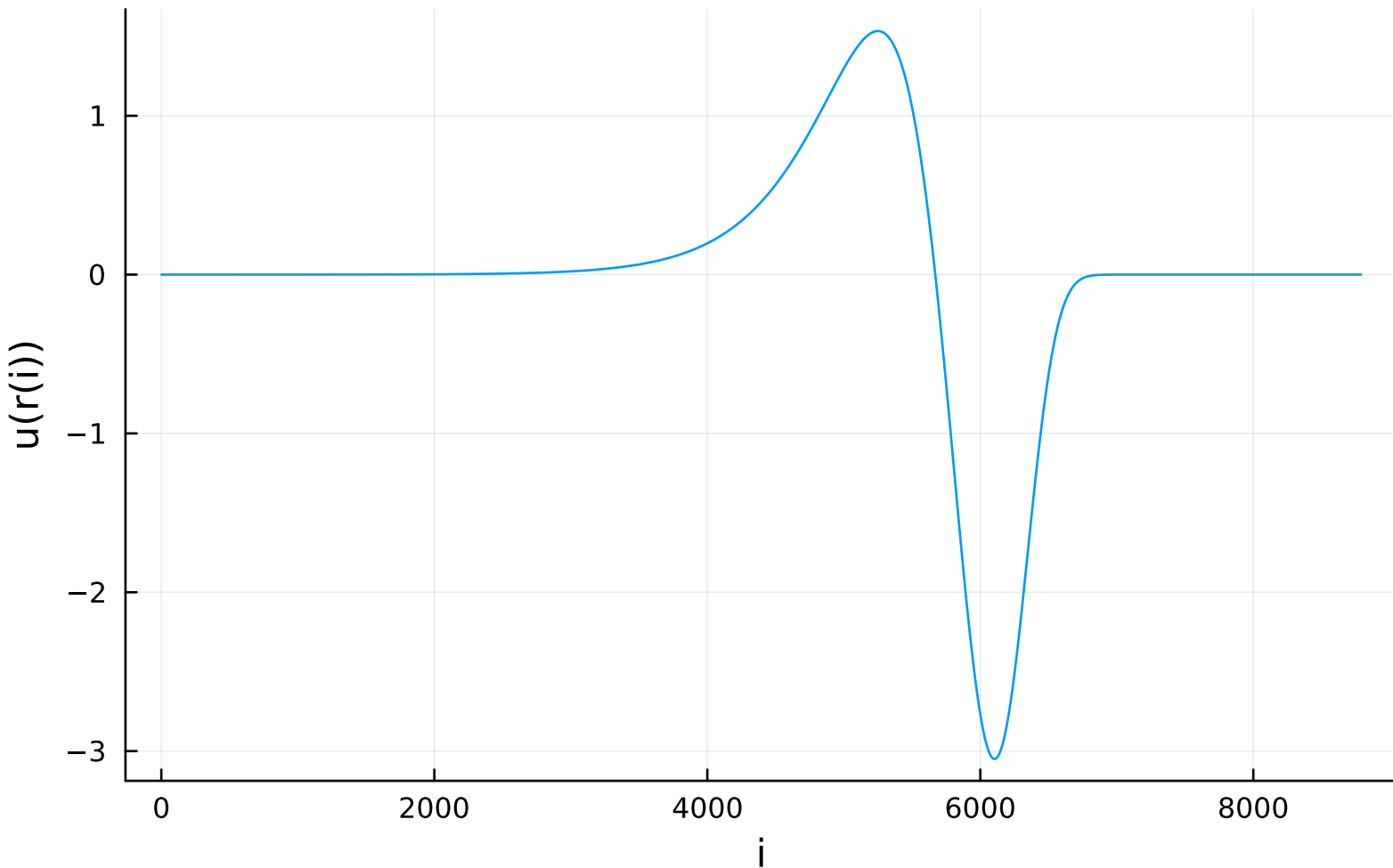


Xenon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
4d	-2.286666	-2.286946	0.000280	-0.000123
Ecoul	2880.919348	2880.903656	0.015692	0.000005
3p	-32.867042	-32.867355	0.000313	-0.000010
4p	-5.063802	-5.064087	0.000285	-0.000056
Exc	-175.713845	-175.713159	0.000686	-0.000004
5p	-0.309835	-0.310136	0.000301	-0.000972
2p	-172.599583	-172.599992	0.000409	-0.000002
5s	-0.672086	-0.672383	0.000297	-0.000442
4s	-6.678340	-6.678625	0.000285	-0.000043
Etot	-7228.856107	-7228.856107	0.000000	-0.000000
2s	-183.327495	-183.327868	0.000373	-0.000002
3s	-37.415454	-37.415765	0.000311	-0.000008
3d	-24.378230	-24.378521	0.000291	-0.000012
Ekin	7225.097817	7225.014494	0.083323	0.000012
1s	-1208.688993	-1208.690105	0.001112	-0.000001

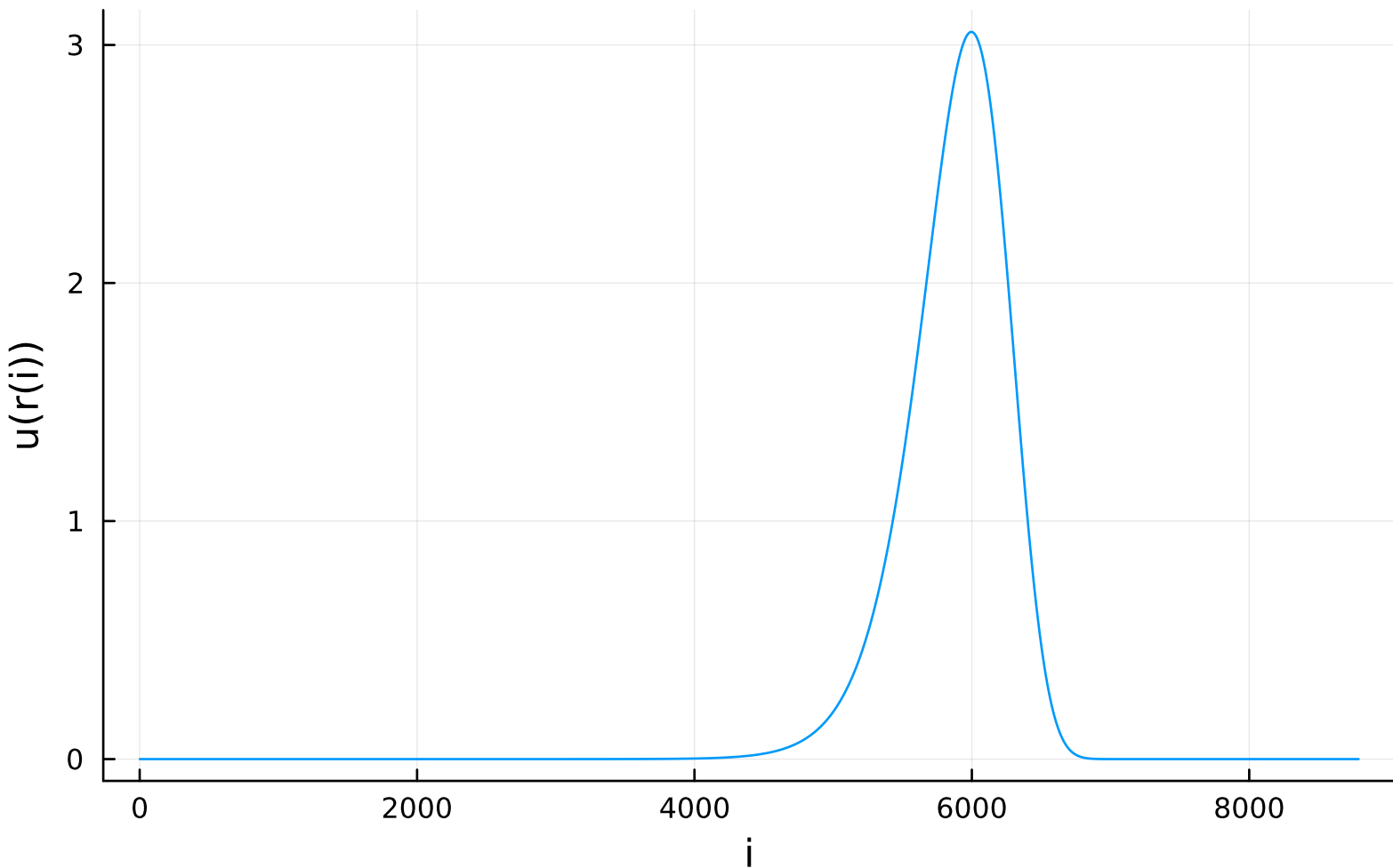
Orbital 1s eigen energy -1208.6901



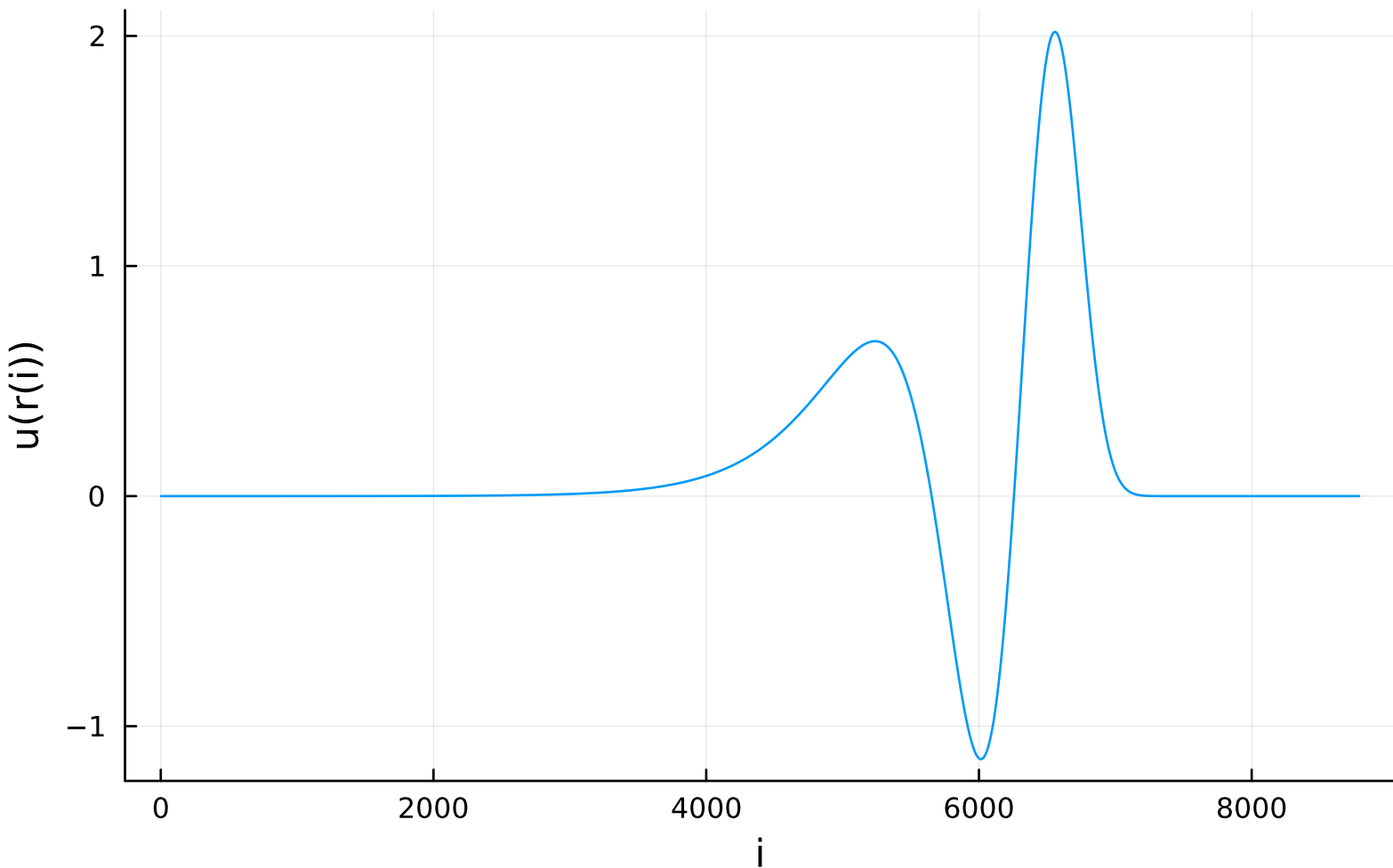
Orbital 2s eigen energy -183.3279



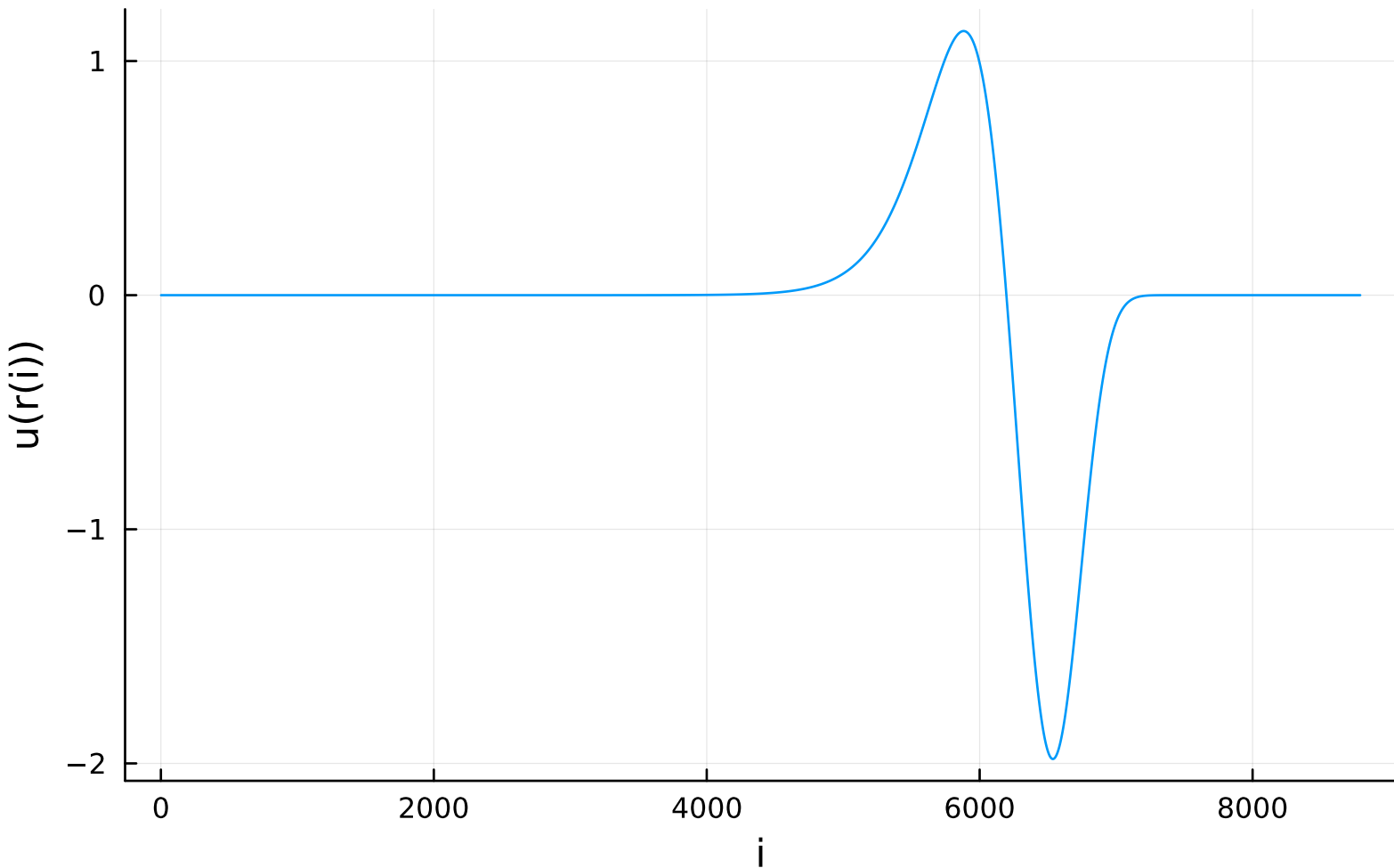
Orbital 2p eigen energy -172.6000



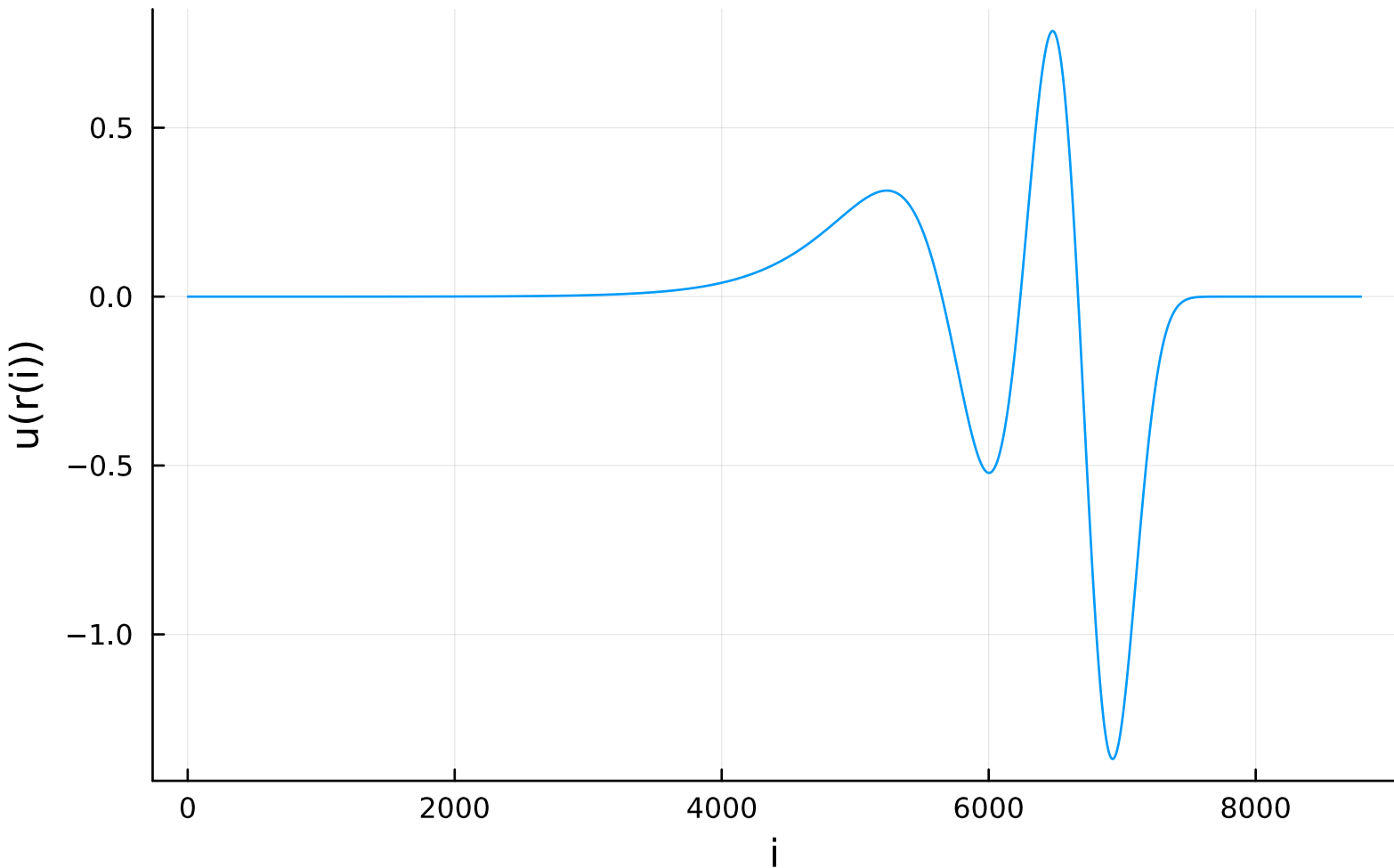
Orbital 3s eigen energy -37.4158



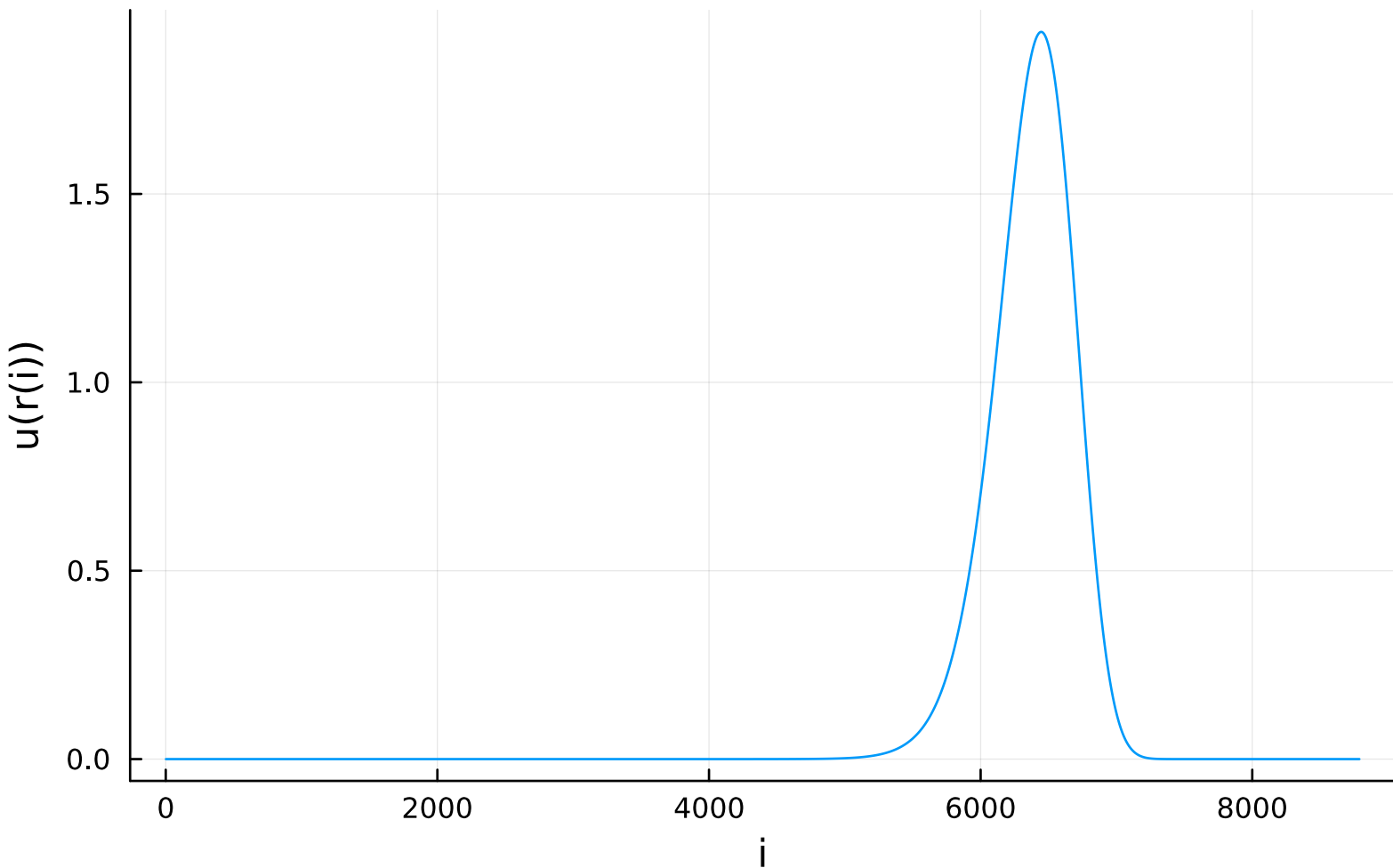
Orbital 3p eigen energy -32.8674



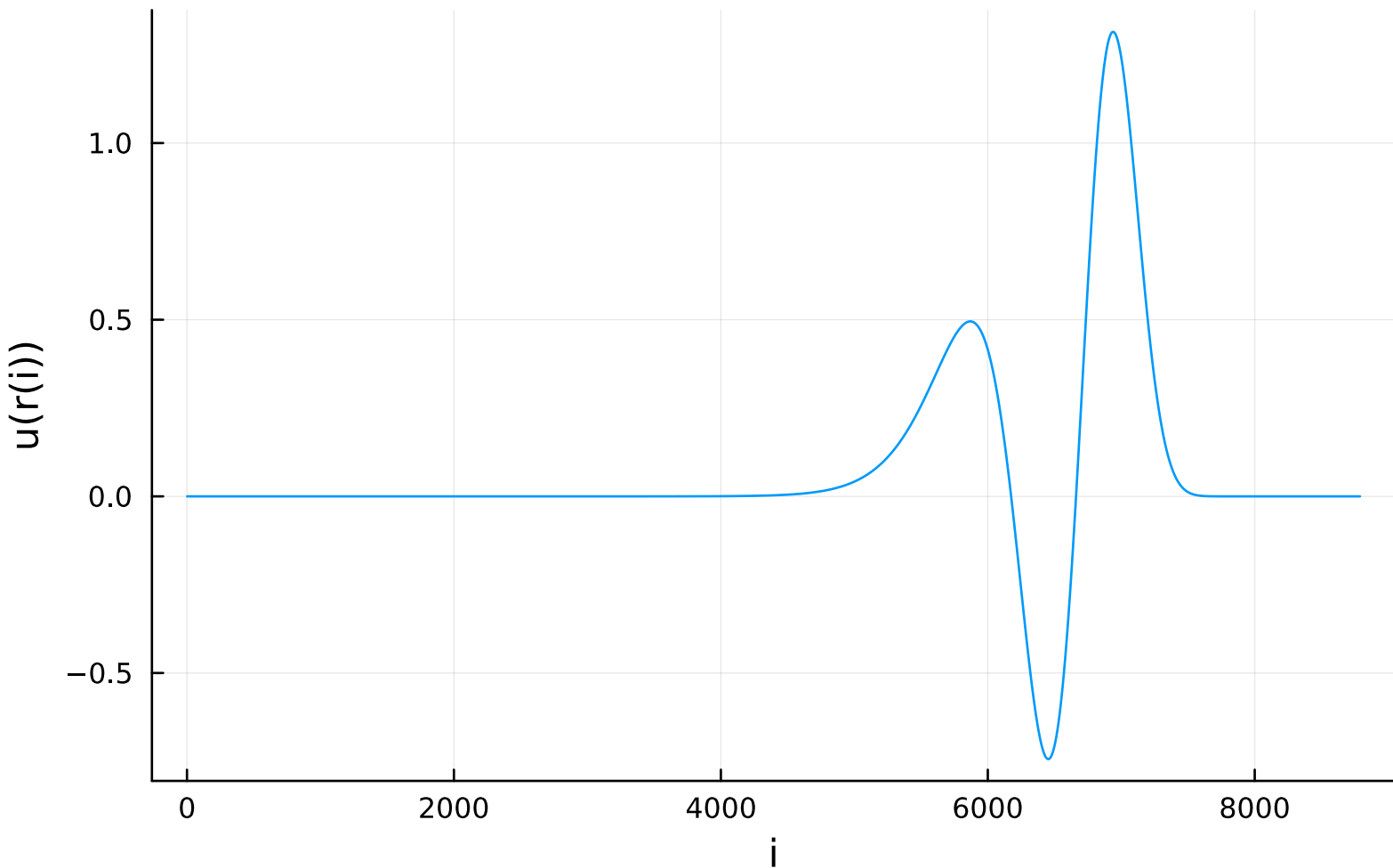
Orbital 4s eigen energy -6.6786



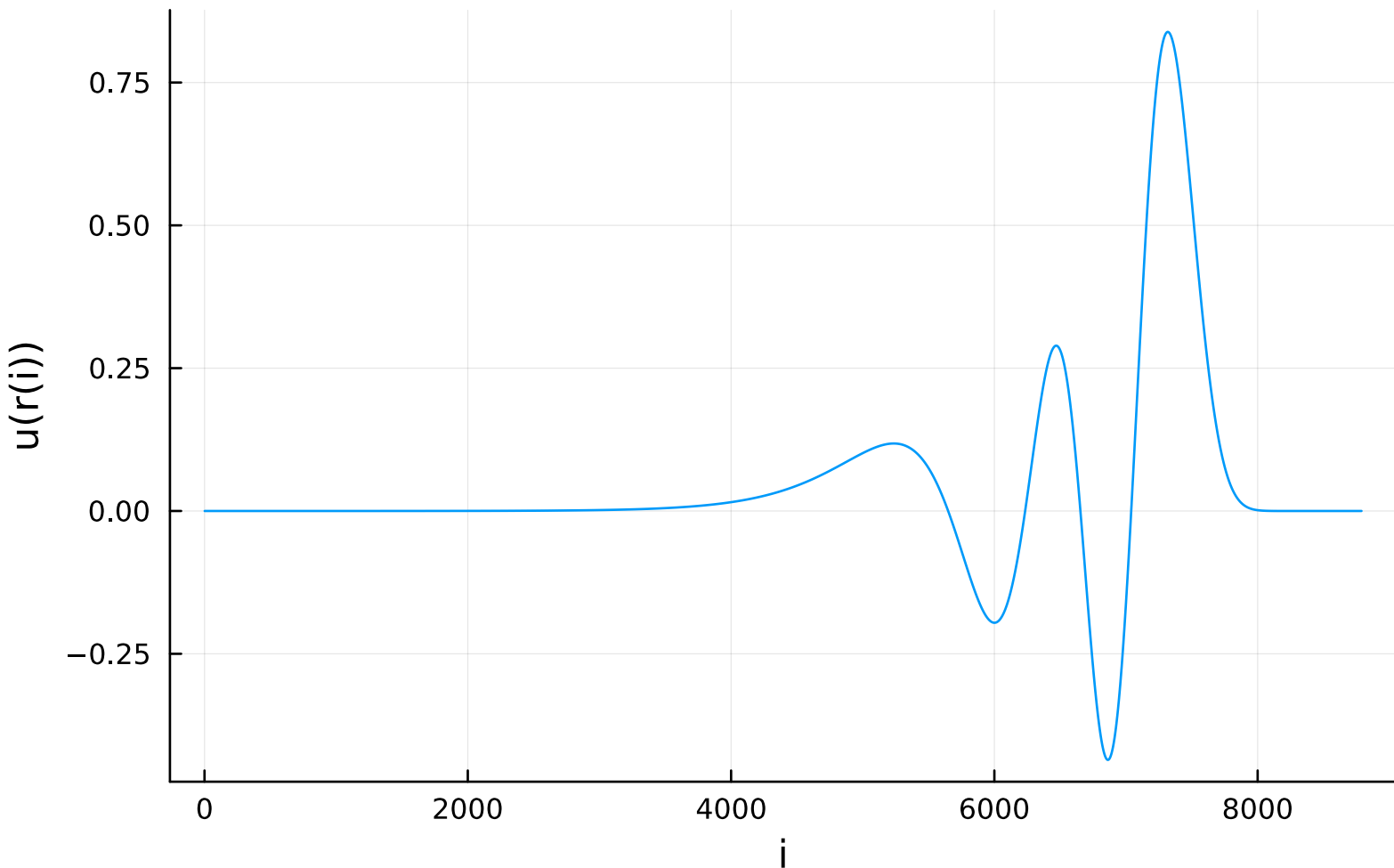
Orbital 3d eigen energy -24.3785



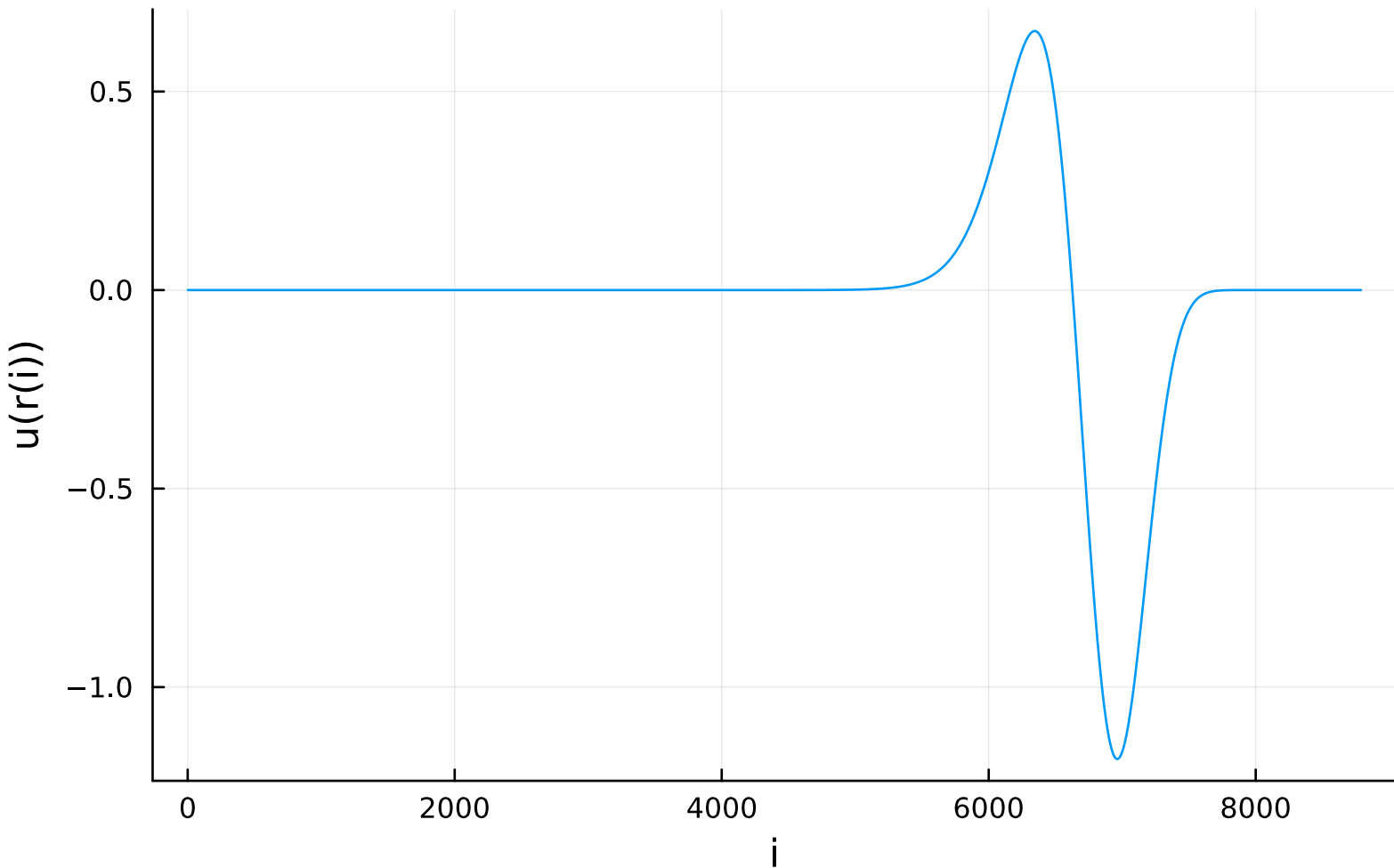
Orbital 4p eigen energy -5.0641



Orbital 5s eigen energy -0.6724



Orbital 4d eigen energy -2.2869



Orbital 5p eigen energy -0.3101

