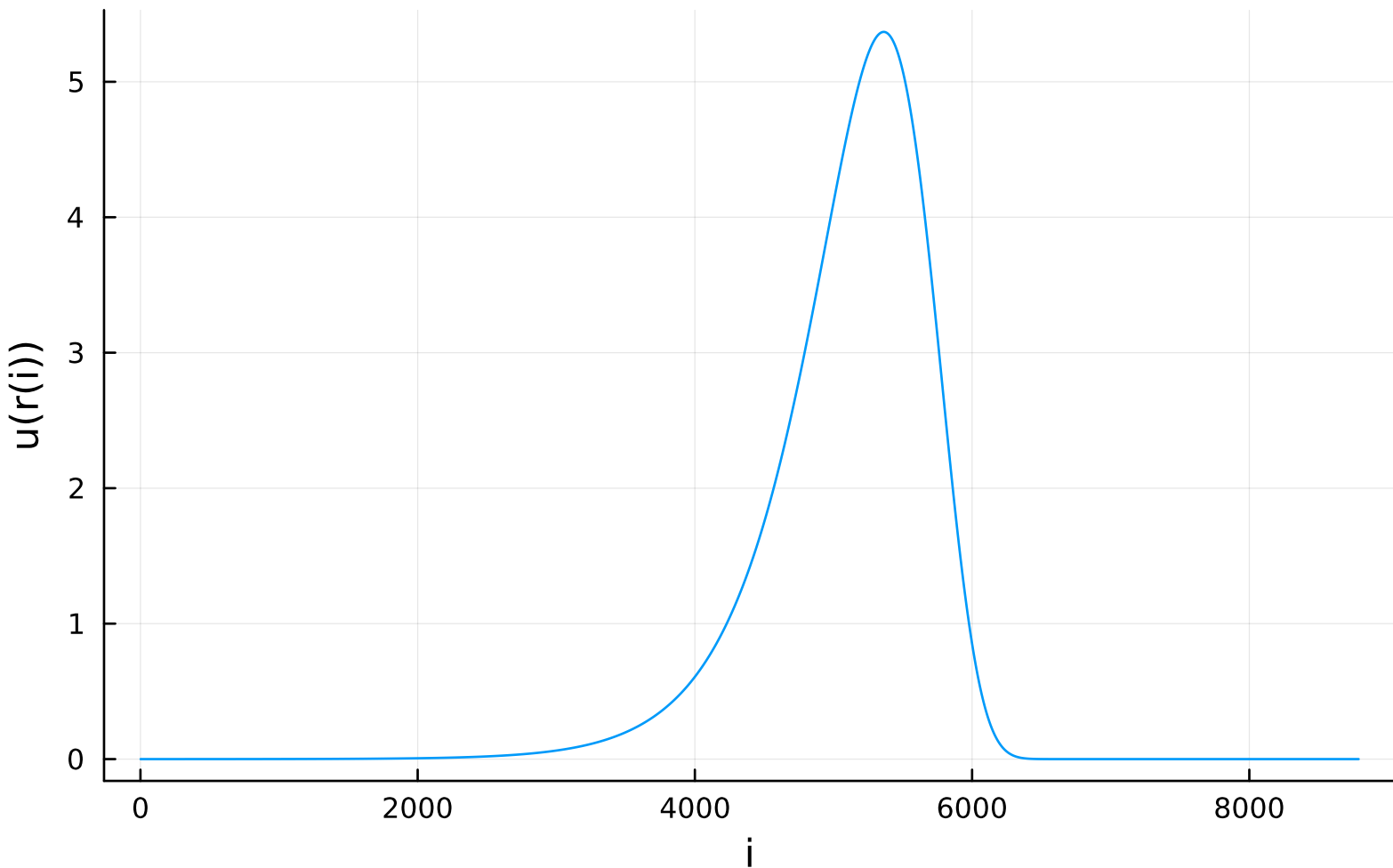
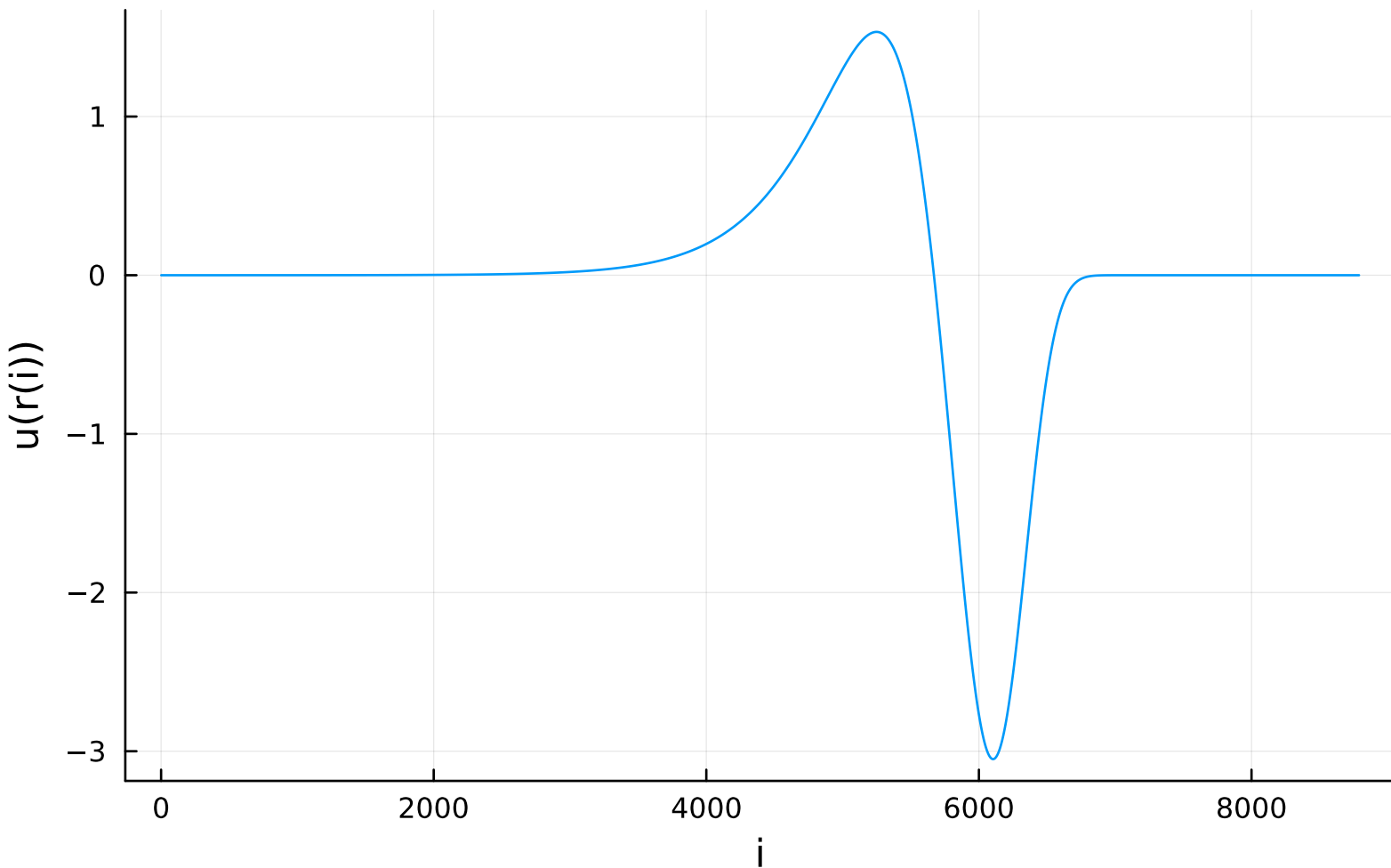


Xenon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
4d	-2.286666	-2.288850	0.002184	-0.000955
Ecoul	2880.919348	2880.942141	0.022793	0.000008
3p	-32.867042	-32.869175	0.002133	-0.000065
4p	-5.063802	-5.065989	0.002187	-0.000432
Exc	-175.713845	-175.714359	0.000514	-0.000003
5p	-0.309835	-0.311941	0.002106	-0.006799
2p	-172.599583	-172.601598	0.002015	-0.000012
5s	-0.672086	-0.674236	0.002150	-0.003199
4s	-6.678340	-6.680527	0.002187	-0.000328
Etot	-7228.856107	-7228.856107	0.000000	-0.000000
2s	-183.327495	-183.329522	0.002027	-0.000011
3s	-37.415454	-37.417591	0.002137	-0.000057
3d	-24.378230	-24.380351	0.002121	-0.000087
Ekin	7225.097817	7225.074089	0.023728	0.000003
1s	-1208.688993	-1208.690973	0.001980	-0.000002

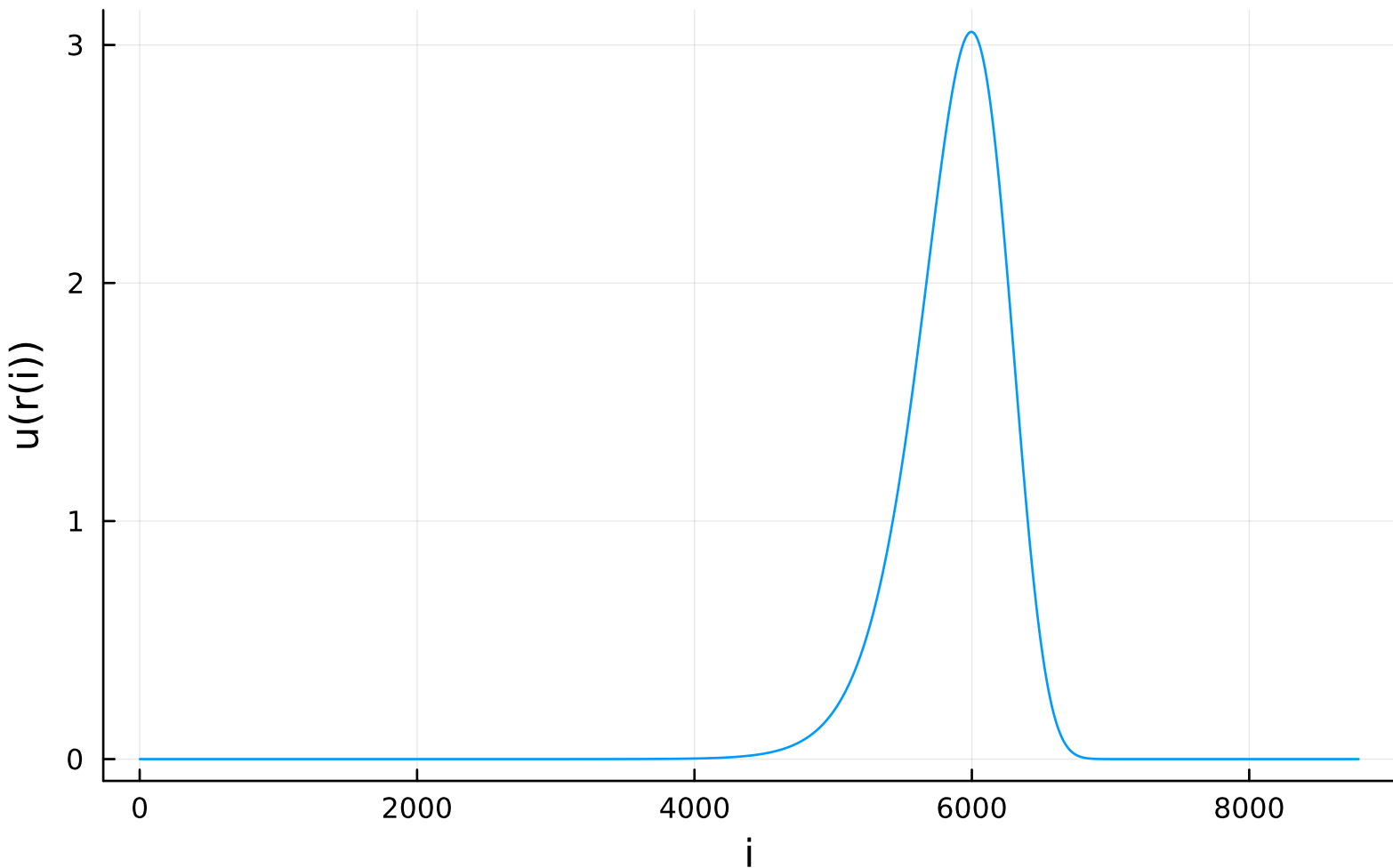
Orbital 1s eigen energy -1208.6910



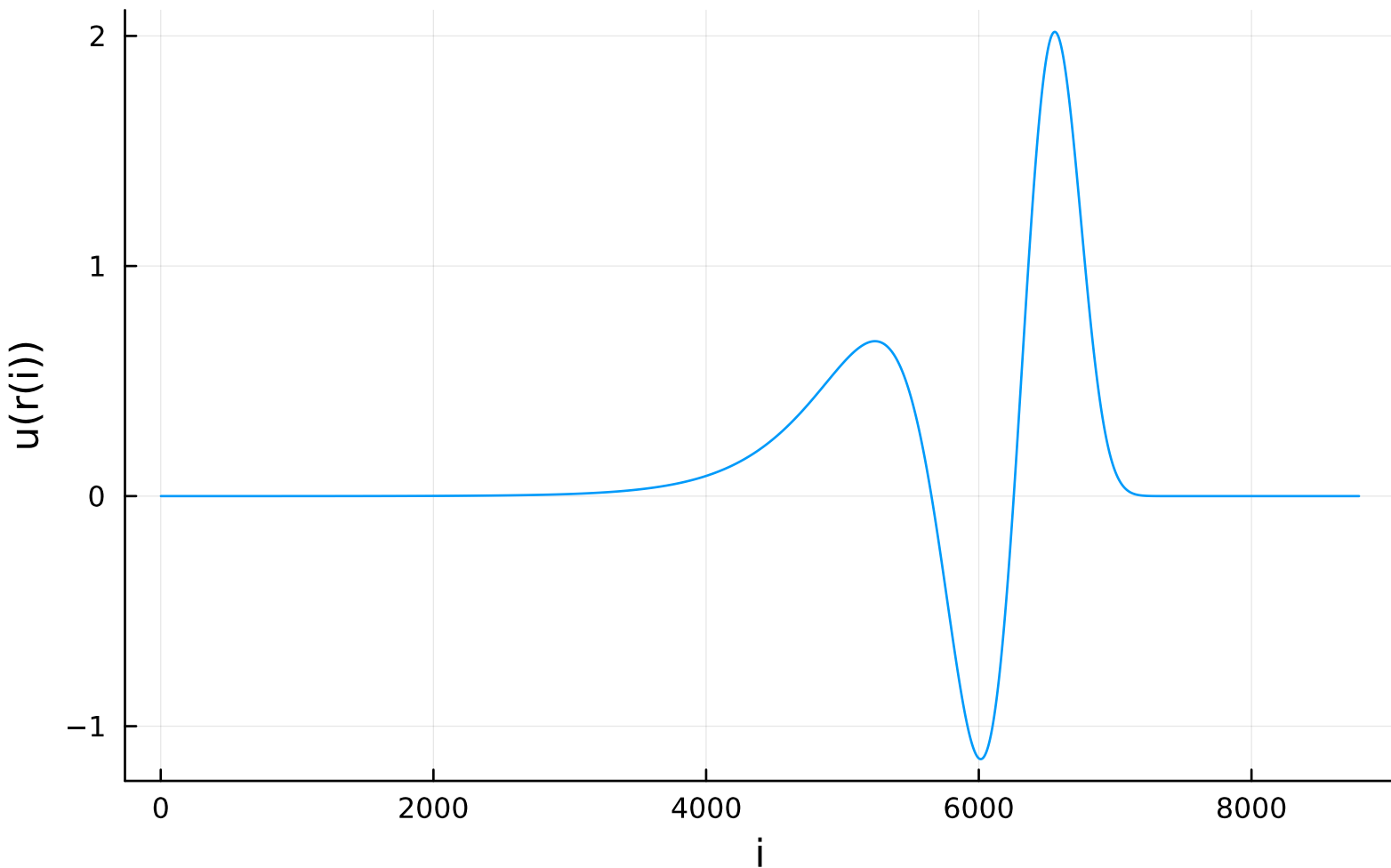
Orbital 2s eigen energy -183.3295



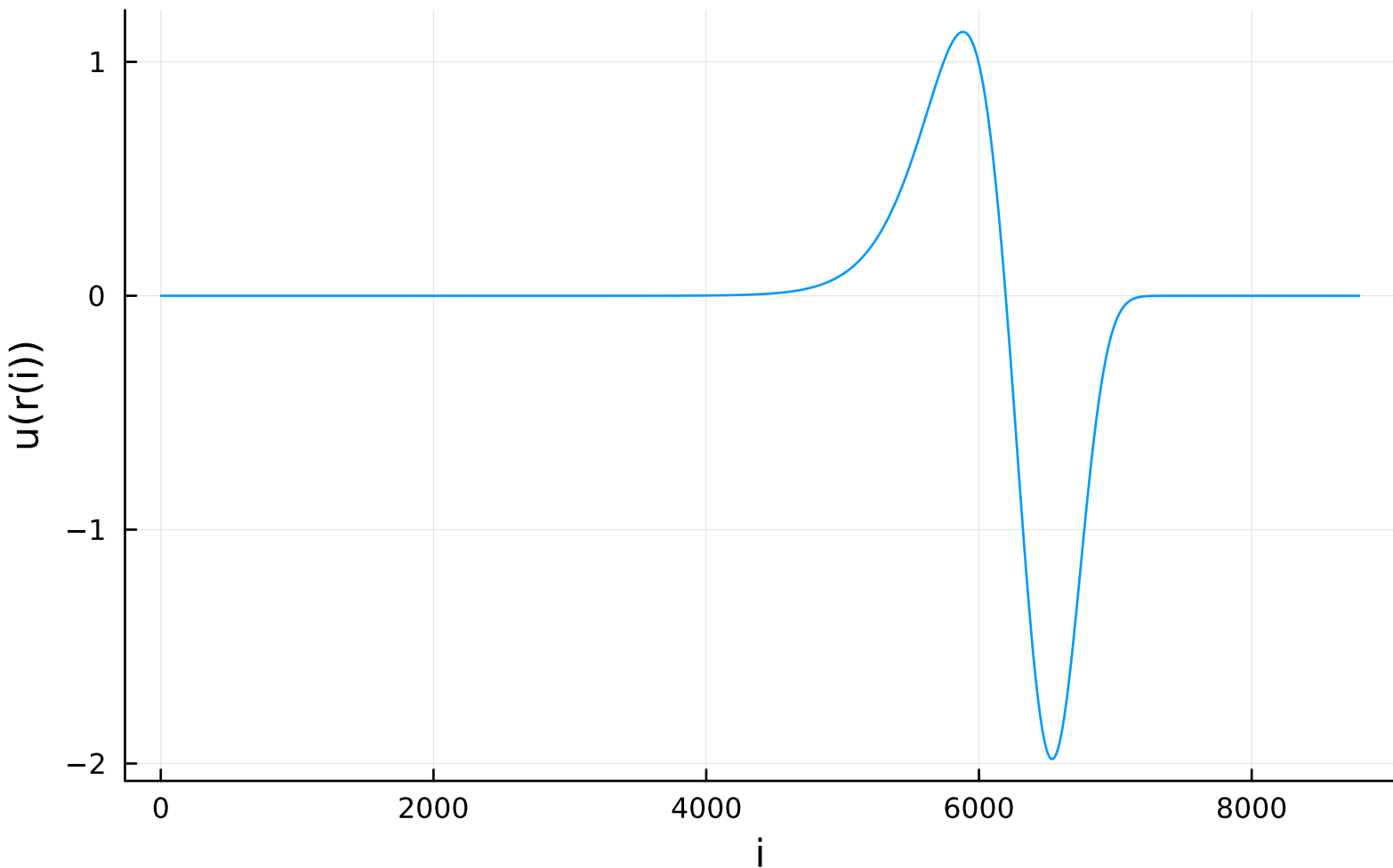
Orbital 2p eigen energy -172.6016



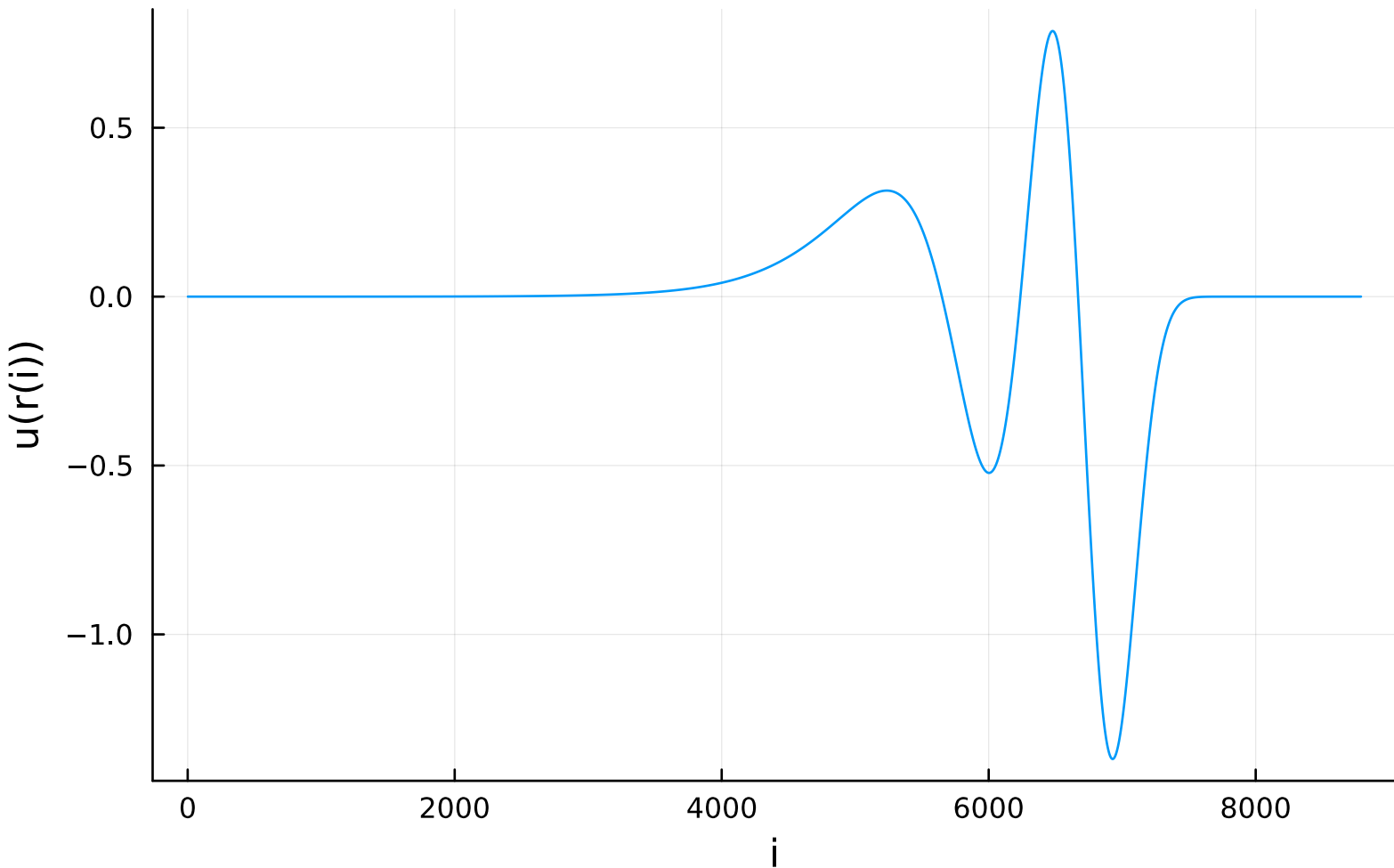
Orbital 3s eigen energy -37.4176



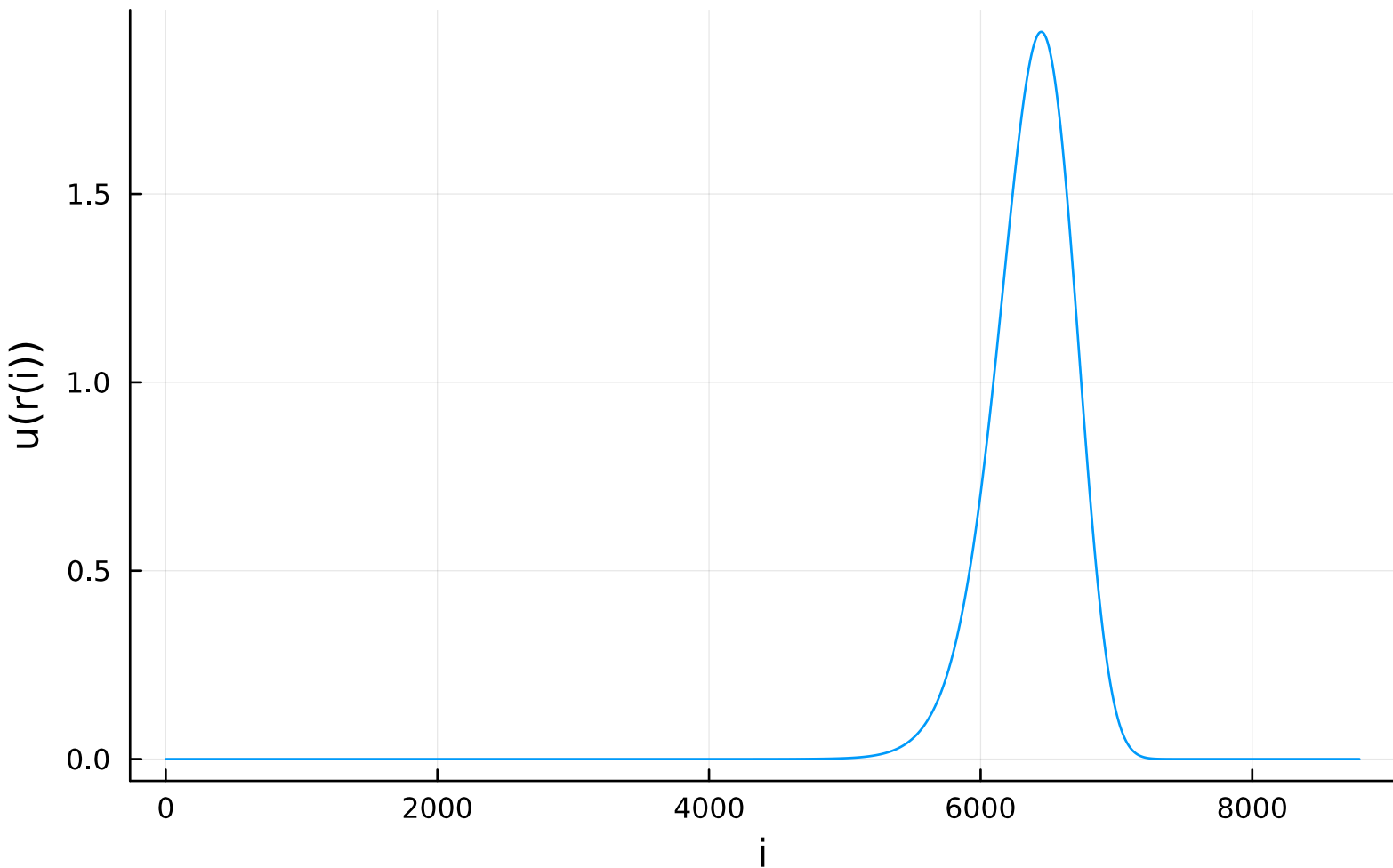
Orbital 3p eigen energy -32.8692



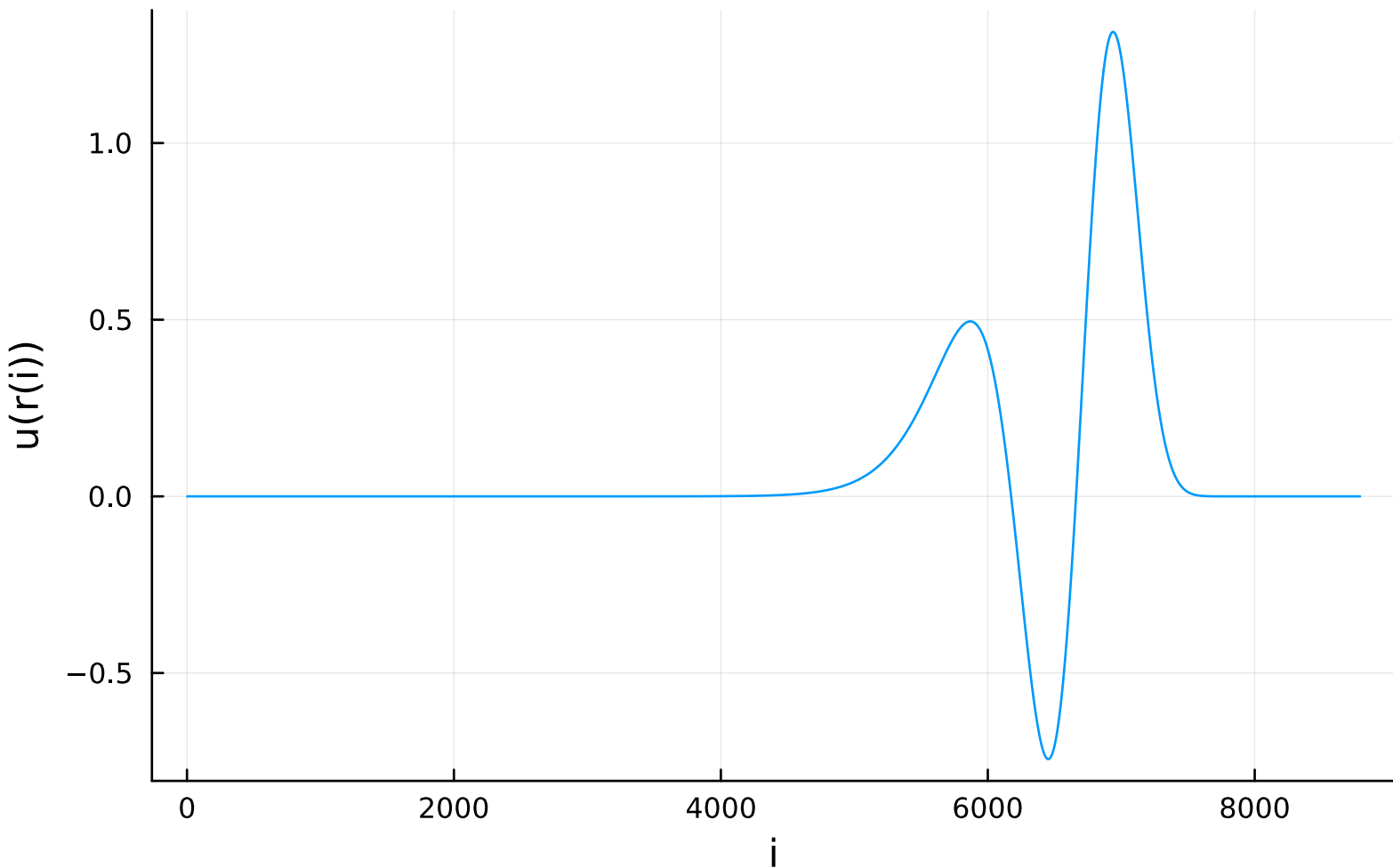
Orbital 4s eigen energy -6.6805



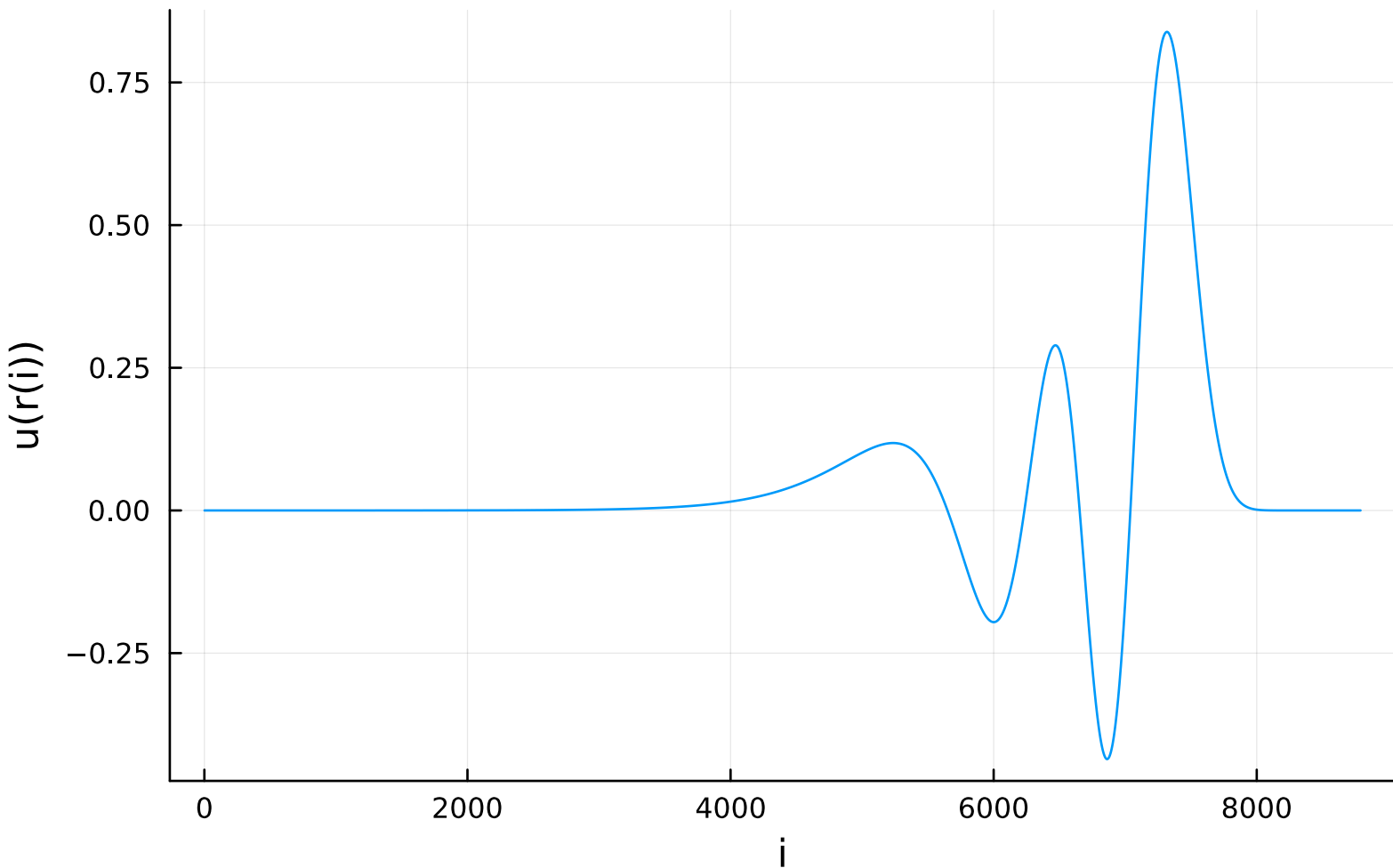
Orbital 3d eigen energy -24.3804



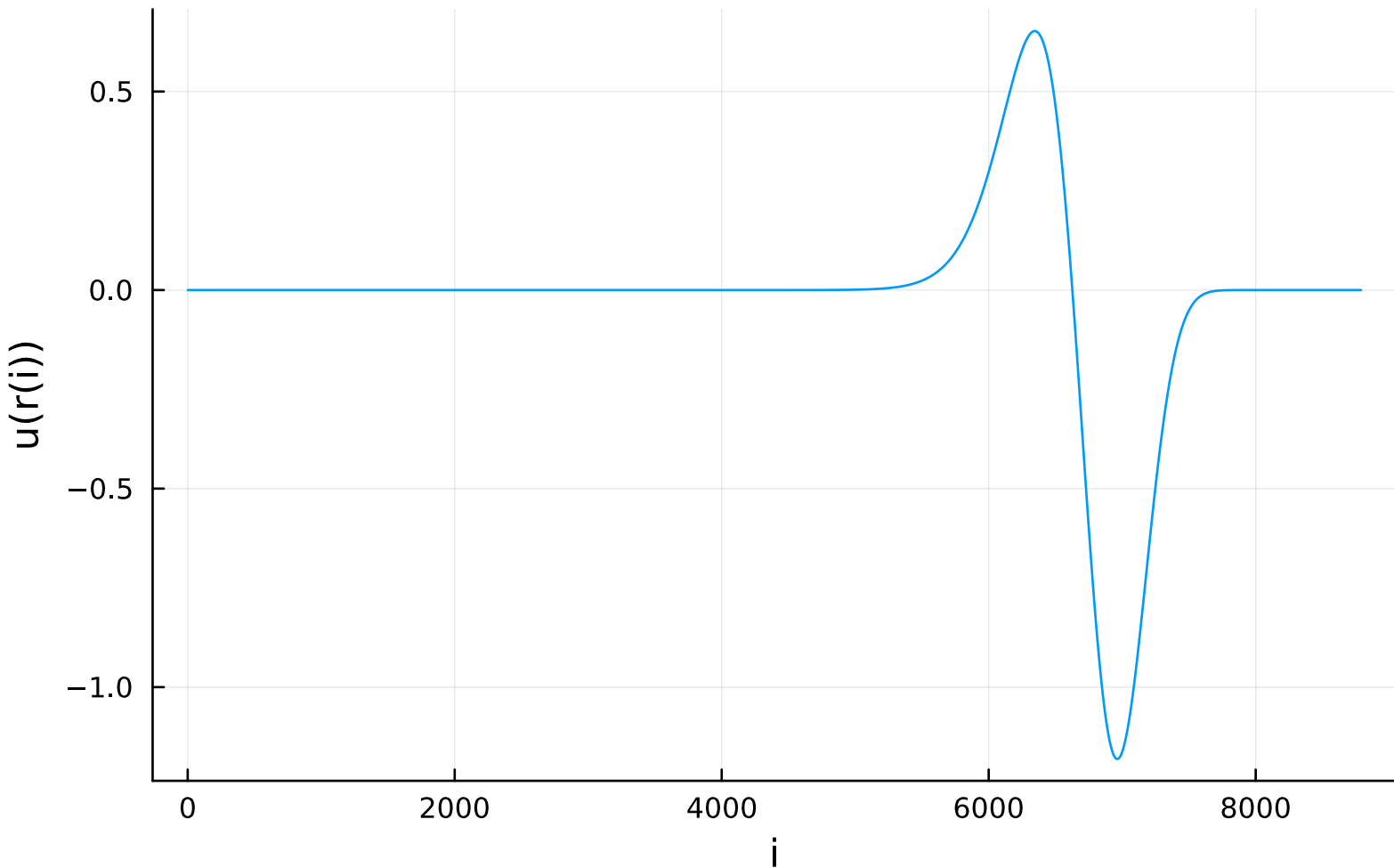
Orbital 4p eigen energy -5.0660



Orbital 5s eigen energy -0.6742



Orbital 4d eigen energy -2.2889



Orbital 5p eigen energy -0.3119

