

	χ STO	ϕ_{1s}	ϕ_{2s}	ϕ_{1p_x}	ϕ_{1p_y}	ϕ_{1p_z}	
		↓	↓	↓	↓	↓	
		0	1	2	3	4	
		-0.91415	1.39733	1.98729	1.98729	1.98729	← orb. energ.
		2.00000	0.00000	0.00000	0.00000	0.00000	← population
0He	1s	-0.592633	-1.149540	0.000000	0.000000	-0.000000	
0He	2s	-0.513015	1.187212	-0.000000	-0.000000	0.000000	
0He	1p _z	-0.000000	-0.000000	-0.300180	-0.953879	-0.002418	
0He	1p _x	0.000000	-0.000000	-0.007525	-0.000167	0.999972	
0He	1p _y	0.000000	0.000000	-0.953853	0.300190	-0.007128	
				c_i			