

Энергии хартри-фоковских орбиталей ($-\epsilon_{nl}$), ат.ед.

Z АТОМ	$-\epsilon_{1s}$	$-\epsilon_{2s}$	$-\epsilon_{2p}$	$-\epsilon_{3s}$	$-\epsilon_{3p}$
H	0.5	6.0	5.0	13.50	12.50
He	0.9180				
Li	2.4777	0.1963			
Be	7.7327	0.3093			
B	7.6953	0.4947	0.3099		
C	11.326	0.7056	0.4334		
N	15.629	0.9453	0.5676		
O	20.669	1.2443	0.6319		
F	26.383	1.5725	0.7300		
Ne	32.772	1.9304	0.8504		
Na	40.479	2.7970	1.5181	0.1821	
Mg	49.032	3.7676	2.2821	0.2530	
Al	58.501	4.9107	3.2183	0.3934	0.2100
Si	68.812	6.1565	4.2560	0.5399	0.2970
P	79.970	7.5110	5.4009	0.6964	0.3916
S	92.004	9.0043	6.6825	0.8796	0.4374
Cl	104.88	10.608	8.0725	1.0731	0.5065
Ar	118.61	12.322	9.5715	1.2774	0.5910