



# 4ja1 Engine

**Huangqi Zhang**



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web elements in the second row of the periodic table place their electrons in the  $2n$  shell as well as the  $1n$  shell for instance lithium li has three electrons two fill the  $1s$  orbital and the third is placed in the  $2s$  orbital giving an electron configuration of  $1s^2 2s^1$

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atoms of elements in the same vertical column of the table have similar electron configurations for example consider the alkaline earth elements group iia

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