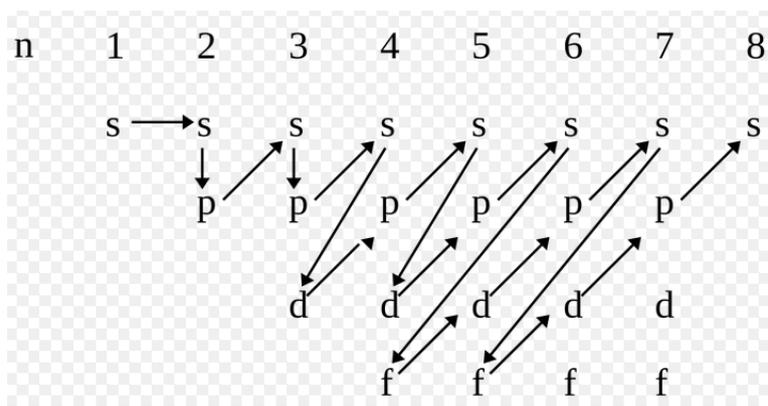


### Question #49479, Chemistry, Physical Chemistry

how to write molecular orbital electronic configurations? Pl. say a short cut to remember the series.

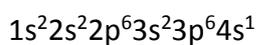
**Answer:**

There is a scheme of filling of electron orbitals:



It's Aufbau principle in graphical form. With it you can quickly write an electronic configuration of any atom.

For example: atom of K



K have 19 electrons that you can see in electron configuration  $1s^2 2s^2 2p^6 3s^2 3p^6 4s^1$

