

# HexaFrame periodic table

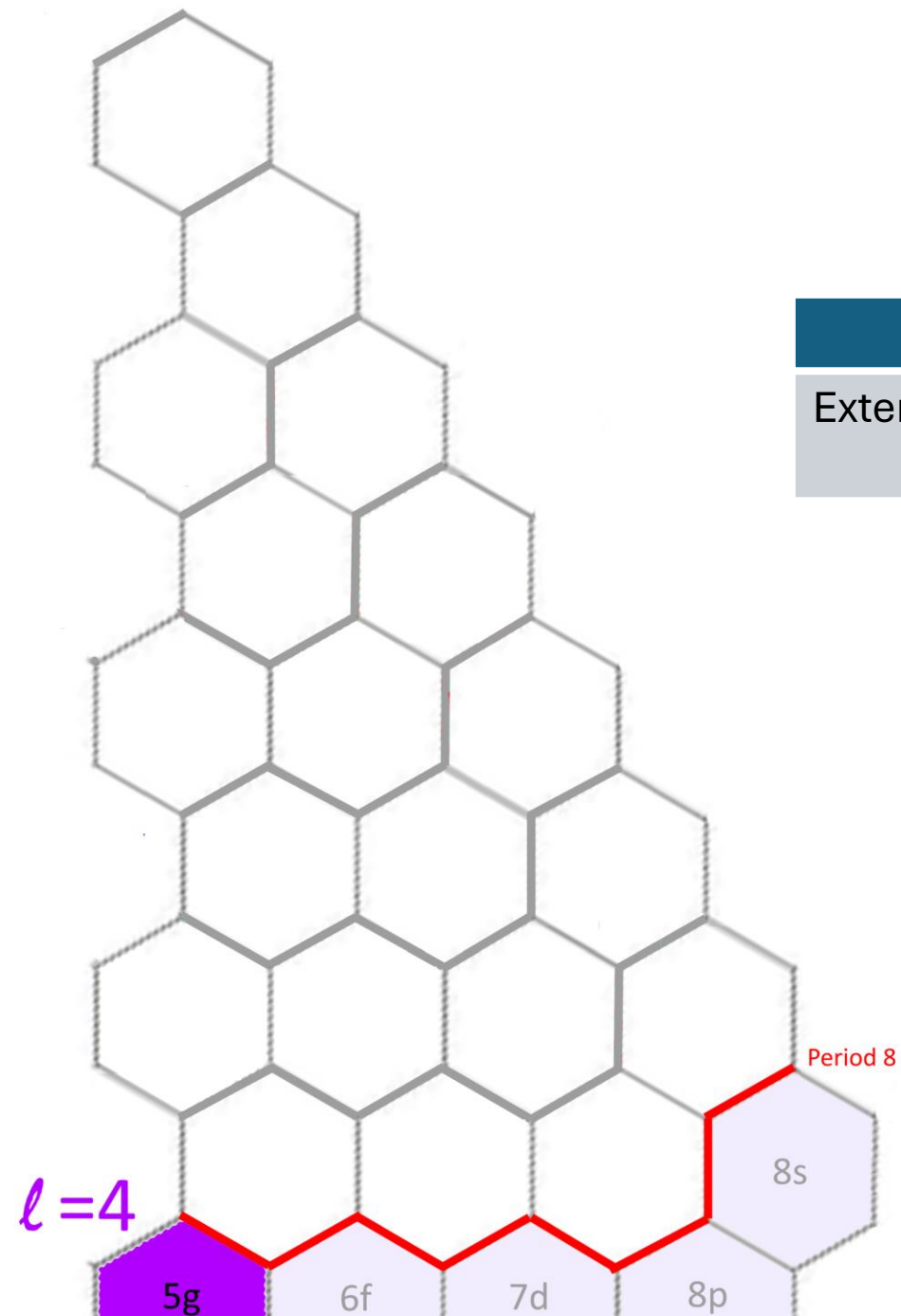


The diagram illustrates the filling order of atomic orbitals (s, p, d, f) in a honeycomb lattice. The orbitals are represented by hexagons, and the filling sequence is indicated by a red line. The sequence is: 1s, 2s, 2p, 3s, 3p, 4s, 3d, 4p, 5s, 4d, 5p, 6s, 4f, 5d, 6p, 7s, 5f, 6d, 7p. The diagram shows the relative energies of the orbitals and how they are filled in order of increasing energy.

The diagram illustrates the filling order of atomic orbitals (s, p, d, f) in a honeycomb lattice. The orbitals are represented by hexagons, and the filling sequence is indicated by a red line. The sequence is: 1s, 2s, 2p, 3s, 3p, 4s, 3d, 4p, 5s, 4d, 5p, 6s, 4f, 5d, 6p, 7s, 5f, 6d, 7p. The diagram shows the relative energy levels of the orbitals, with the 4d and 5p orbitals being lower in energy than the 5s and 6s orbitals.

# Pro: Can be extended easily

	Traditional Table	HexaFrame Table
Extend to period 8	Need to find new space for block g	Already have a place for block g



# References

- Blog post: [The HexaFrame Periodic Table](#)
- Other possible form of periodic table: [Wikipedia](#)
- Traditional rectangular periodic table:

[illegible]