

1.2: Electronic Structure of the Atom

Learning objectives for this unit are to:

- Understand what information is contained in the Schrödinger equation
 - Qualitatively describe electrons in terms of the wavefunction, $\psi(x)$, including its angular and radial parts
 - Interpret radial wave function and radial probability graphs
 - Describe the location of an electron using quantum numbers
 - Predict the number of nodes from quantum numbers and sketch atomic orbital boundary surfaces
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