

CHAPTER OVERVIEW

11: Quantum Mechanics and Atomic Structure

Quantum mechanics is a fundamental branch of physics concerned with processes involving small particles (e.g, atoms and photons). Such processes are said to be quantized with properties that are observed in only in integer multiples of the Planck constant. This is utterly inexplicable in classical physics which is a continuum approach.

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- [11.2: Planck's Quantum Theory](#)
- [11.3: The Photoelectric Effect](#)
- [11.4: Bohr's Theory of the Hydrogen Emission Spectrum](#)
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