

CHAPTER OVERVIEW

6: The Hydrogen Atom

The hydrogen atom problem was one that was very perplexing to the pioneers of quantum theory. While its quantized nature was evident from the known atomic emission spectra, there were no models that could adequately describe the patterns seen in the spectra.

[6.1: Older Models of the Hydrogen Atom](#)

[6.2: The Quantum Mechanical H-atom](#)

[6.3: Rydberg Spectra of Polyelectronic Atoms](#)

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