

CHAPTER OVERVIEW

7: Orbital Angular Momentum and Spin

Angular momentum plays an important role in quantum mechanics, not only as the orbital angular momentum of electrons orbiting the central potentials of nuclei, but also as the intrinsic magnetic moment of particles, known as spin, and even as isospin in high-energy particle physics.

[7.1: Orbital Angular Momentum](#)

[7.2: Spin](#)

[7.3: Total Angular Momentum](#)

[7.4: Composite Systems with Angular Momentum](#)

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