

## CHAPTER OVERVIEW

### 10: Angular Momentum and Group Symmetries of Electronic Wavefunctions

Electronic wavefunctions must also possess proper symmetry. These include angular momentum and point group symmetries

[10.1: Angular Momentum Symmetry and Strategies for Angular Momentum Coupling](#)

[10.2: Electron Spin Angular Momentum](#)

[10.3: Coupling of Angular Momenta](#)

[10.4: Atomic Term Symbols and Wavefunctions](#)

[10.5: Atomic Configuration Wavefunctions](#)

[10.6: Inversion Symmetry](#)

[10.7: Review of Atomic Cases](#)

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