Advanced Quantum Mechanics (Kok)

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- 1: Linear Vector Spaces and Hilbert Space
2: The Postulates of Quantum Mechanics

3: Schrödinger and Heisenberg Pictures

4: Mixed States and the Density Operator

5: Composite Systems and Entanglement
6: Evolution of Open Quantum Systems

7: Orbital Angular Momentum and Spin

8: Identical Particles

9: Many-Body Problems in Quantum Mechanics
10: Pauli Spin Matrices

11: Noncommuting Operators and Uncertainty

12: Multiple Particle States

13: The Schrödinger Equation
14: Atomic Orbitals

• 15: The Periodic Table of the Elements

• 16: Matter

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