

Comprehensive Outline and Formula Sheet

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Contents

1	Classical Mechanics	2
1.1	Orbital Mechanics	2
1.2	Accelerated Coordinate Systems	2
1.3	Lagrangian Dynamics	2
1.4	Small Oscillations	2
1.5	Rigid Bodies	2
1.6	Hamiltonian Dynamics	2
2	Quantum Mechanics	2
2.1	Fundamental Concepts	3
2.2	Quantum Dynamics	3
2.3	Angular Momentum and the Hydrogen Atom	3
2.4	Symmetry	3
2.5	Approximation Methods	3
2.6	Scattering Theory	3
2.7	Identical Particles	3
2.8	Relativistic Quantum Mechanics	3
3	Electricity and Magnetism	4
3.1	Basics	4
3.2	Electrostatic Boundary Value Problems	4
3.3	Multipole Expansion	4
3.4	Electrostatics in Permeable Materials	4
3.5	Magnetostatics	4
3.6	Macroscopic Electromagnetism	4
3.7	Conservation Laws	4
3.8	Electromagnetic Waves	4
3.9	Radiation	4
3.10	Scattering and Diffraction	4
3.11	Special Relativity	4

4	Statistical Physics	4
4.1	Thermodynamics	4
4.2	Microcanonical Ensemble	4
4.3	Canonical Ensemble	4
4.4	Grand Canonical Ensemble	4
4.5	Quantum Statistics	4
4.6	Gases	4
4.7	Bose Systems	4
4.8	Fermi Systems	4
4.9	Critical Behavior	4

1 Classical Mechanics

TODO

1.1 Orbital Mechanics

TODO

1.2 Accelerated Coordinate Systems

TODO

1.3 Lagrangian Dynamics

TODO

1.4 Small Oscillations

TODO

1.5 Rigid Bodies

TODO

1.6 Hamiltonian Dynamics

TODO

2 Quantum Mechanics

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2.6 Scattering Theory

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2.7 Identical Particles

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2.8 Relativistic Quantum Mechanics

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3.11 Special Relativity

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4.9 Critical Behavior

TODO