

PHYSICS DEPARTMENT

PHYSICS 311

LECTURE 1

MECHANICS

1.1 Kinematics

1.2 Dynamics

1.3 Energy

1.4 Momentum

1.5 Angular Momentum

1.6 Oscillations

1.7 Waves

1.8 Relativity

1.9 Quantum Mechanics

1.10 Statistical Mechanics

1.11 Thermodynamics

1.12 Electromagnetism

1.13 Optics

1.14 Modern Physics

1.15 Miscellaneous

1.16 Problems

1.17 Experiments

1.18 History

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1.22 Glossary

1.23 Acknowledgments

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