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THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

5712 S. UNIVERSITY AVE.

CHICAGO, ILL. 60637

PHYSICS 311

LECTURE 1

1.1. THE CLASSICAL LIMIT

1.2. QUANTUM MECHANICS

1.3. THE SCHRÖDINGER EQUATION

1.4. THE HEISENBERG PICTURE

1.5. THE DIRAC EQUATION

1.6. THE PAULI EXCLUSION PRINCIPLE

1.7. THE FERMI-DIRAC DISTRIBUTION

1.8. THE CLASSICAL LIMIT

1.9. THE QUANTUM LIMIT

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