NPTEL Video Course - Physics - Quantum Mechanics and Applications

Subject Co-ordinator - Prof. Ajoy Ghatak

Co-ordinating Institute - IIT - Delhi

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 30 - Angular Momentum Problem (Continued...)
Lecture 31 - Pauli Spin Matrices and The Stern Gerlach Experiment
Lecture 32 - The Larmor Precession and NMR Spherical Harmonics using Operator Algebra
Lecture 33 - Addition of Angular Momentum
Lecture 34 - Clebsch Gordon Coefficients
Lecture 35 - The JWKB Approximation
Lecture 36 - The JWKB Approximation
Lecture 37 - The JWKB Approximation
Lecture 38 - The JWKB Approximation
Lecture 39 - The JWKB Approximation
Lecture 40 - Time Independent Perturbation Theory
Lecture 41 - Time Independent Perturbation Theory (Continued...1)
Lecture 42 - Time Independent Perturbation Theory (Continued...2)