

A Modern Approach To Quantum Mechanics

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A Modern Approach to Quantum Mechanics - Kevin S. Huang

4.0 out of 5 stars A Truly Modern Approach Reviewed in the United States on February 7, 2007 The author follows the unconventional approach first used in Volume III of Feynmann's "introductory" lectures, starting immediately with purely quantum phenomena (like spin) and reaching more familiar topics (wave mechanics, the harmonic oscillator, the hydrogen atom, ...) much later.

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Text: A modern approach to Quantum Mechanics. 2nd Edition. John. S. Townsend ISBN 978-1-891389-78-8. Do not use the 1st edition. The list of problems differs in the 2nd edition. Objectives This course provides instruction on Quantum Mechanics.

Syllabus of Quantum Mechanics II - Phys-4143

Text: Required: Introduction to Quantum Mechanics, 2nd Ed. By David J. Griffiths Recommended: (I haven't used these but they seem to be commonly assigned) A Modern Approach to Quantum Mechanics by John S. Townsend Quantum Physics by Stephen Gasiorowicz (advanced undergrad level) Principles of Quantum Mechanics. by R. Shankar (graduate level)

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