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PAUL A. TIPLER
GENE MOSCA

Tipler Physics For Scientists And Engineers 6th Edition

Paul A. Tipler, Gene Mosca

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occupation of quantum states Addresses quantum states of molecules in terms of rotation and vibration of diatomic molecules Explores the interface between classical statistical mechanics and quantum statistical mechanics Discusses quantum mechanics as a common thread through different fields of nanoscience and nanotechnology Each chapter features real world applications of one or more quantum mechanics principles Study Checkpoints and problems with solutions are presented throughout to make difficult concepts easy to understand In addition pictures tables and diagrams with full explanations are used to present data and further explain difficult concepts This book is designed as a complete course in quantum mechanics for senior undergraduates and first year graduate students in non physics majors It also applies to courses such as modern physics physical chemistry and nanotechnology The material is also accessible to scientists engineers and technologists working in the fields of computer science biology chemistry engineering and nanotechnology

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