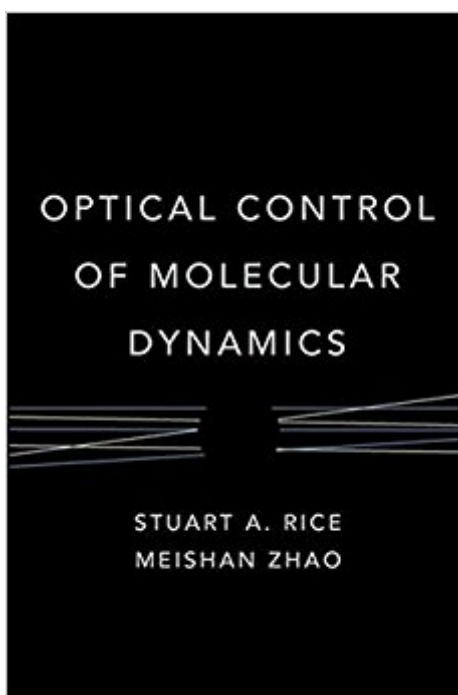


The book was found

# Optical Control Of Molecular Dynamics



## Synopsis

Advances in laser technology over the last 10-15 years have stimulated study of the active control of quantum molecular dynamics. Lasers may be used to generate external fields of varying intensity, phases, and spectral content, which then are used to alter the molecular dynamics of a system so as to generate more of a particular product. Control of reactions at this microscopic level is one of the hot areas of research in chemical physics. This book describes the current status of the theory of optical control of molecular dynamics

## Book Information

Hardcover: 440 pages

Publisher: Wiley-Interscience; 1 edition (February 25, 2000)

Language: English

ISBN-10: 0471354236

ISBN-13: 978-0471354239

Product Dimensions: 6.4 x 1.1 x 9.5 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #5,795,268 in Books (See Top 100 in Books) #81 in [Books > Science & Math > Chemistry > Chemical Physics](#) #319 in [Books > Science & Math > Chemistry > Molecular Chemistry](#) #4628 in [Books > Science & Math > Chemistry > Physical & Theoretical](#)

## Customer Reviews

"...this text reflects the fact that all the central themes of this theory have since been experimentally validated." (SciTech Book News, Vol. 24, No. 4, December 2000) "...an outstanding contribution that will be of value to both experimentalists and theoreticians..." (Journal of the American Chemical Society, Vol. 123, No. 41, 2001)

[Download to continue reading...](#)

Optical Control of Molecular Dynamics Optical Thin Films: User's Handbook (Macmillan Series in Optical and Electro-Optical Engineering) Tunneling Dynamics in Open Ultracold Bosonic Systems: Numerically Exact Dynamics  $\hat{H}$   $\rightarrow$  Analytical Models  $\hat{H}$   $\rightarrow$  Control Schemes (Springer Theses) Resolution Enhancement Techniques in Optical Lithography (SPIE Tutorial Texts in Optical Engineering Vol. TT47) Optical Design for Visual Systems (SPIE Tutorial Texts in Optical Engineering Vol. TT45) Electro-Optical Displays (Optical Science and Engineering) Handbook of

Organic Materials for Optical and (Opto)Electronic Devices: Properties and Applications (Woodhead Publishing Series in Electronic and Optical Materials) Handbook of Optical and Laser Scanning, Second Edition (Optical Science and Engineering) optical communication and splicing: optical networks NLP: Neuro Linguistic Programming: Re-program your control over emotions and behavior, Mind Control - 3rd Edition (Hypnosis, Meditation, Zen, Self-Hypnosis, Mind Control, CBT) NLP: Persuasive Language Hacks: Instant Social Influence With Subliminal Thought Control and Neuro Linguistic Programming (NLP, Mind Control, Social Influence, ... Thought Control, Hypnosis, Communication) Glencoe Biology: The Dynamics of Life, Reinforcement and Study Guide, Student Edition (BIOLOGY DYNAMICS OF LIFE) Optical Waves in Crystals: Propagation and Control of Laser Radiation Nonequilibrium Gas Dynamics and Molecular Simulation (Cambridge Aerospace Series) Molecular Gas Dynamics and the Direct Simulation of Gas Flows (Oxford Engineering Science Series) Molecular Gas Dynamics: Theory, Techniques, and Applications (Modeling and Simulation in Science, Engineering and Technology) THEORY AND APPLICATION OF QUANTUM MOLECULAR DYNAMICS Molecular Biology: Structure and Dynamics of Genomes and Proteomes Methods in Molecular Biophysics: Structure, Dynamics, Function for Biology and Medicine Molecular Excitation Dynamics and Relaxation: Quantum Theory and Spectroscopy

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)