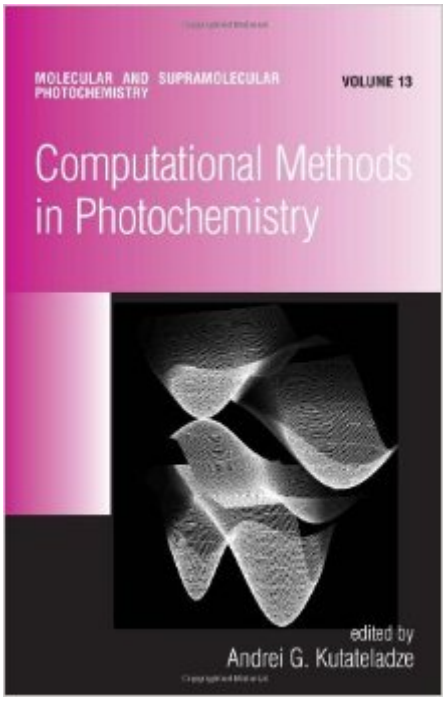
Computational Methods In Photochemistry (Molecular And Supramolecular Photochemistry)



Synopsis

Addressing critical aspects of computational modeling in photochemistry, Molecular Methods in Photochemistry is designed to familiarize researchers and practitioners with state-of-the-art computational methods to predict the reactivity of excited molecules. It provides practical guidelines and examples for the modeling of excited states and describes some of the latest approaches in the computational modeling of photochemistry in solutions and constrained media.Presents research from experts in the top tiers of computational chemistry and photochemistry including chapters by recognized specialists such as Howard Zimmerman, Josef Michl, Matthew Platz, Nina Gritsan, Weston Borden, Mike Robb, Michael Bearpark, Maccimo Olivucci, Martin Klessinger, Frank Weinhold, Todd Martinez, and others.While the issue of excited states is discussed in specialized computational series, these books address issues of organic photochemistry sparsely. There has been, until now, no volume specifically devoted to the computational methods in photochemistry with an emphasis on organic photochemistry.

Book Information

Series: Molecular and Supramolecular Photochemistry (Book 13)

Hardcover: 517 pages

Publisher: CRC Press; 1 edition (May 5, 2005)

Language: English

ISBN-10: 0824753453

ISBN-13: 978-0824753450

Product Dimensions: 1.2 x 6.2 x 9 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

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(Molecular and Supramolecular Photochemistry) High Throughput Screening: Methods and Protocols (Methods in Molecular Biology) (Methods in Molecular Biology, 190) Computational Photochemistry, Volume 16 (Theoretical and Computational Chemistry) In Silico Medicinal Chemistry: Computational Methods to Support Drug Design (Theoretical and Computational Chemistry Series) Molecular Modeling at the Atomic Scale: Methods and Applications in Quantitative Biology (Series in Computational Biophysics) Computational Fluid Mechanics and Heat Transfer, Third Edition (Series in Computational and Physical Processes in Mechanics and Thermal Sciences) HPLC of Peptides and Proteins: Methods and Protocols (Methods in Molecular Biology) Antibody Phage Display: Methods and Protocols (Methods in Molecular Biology) Patch-Clamp Methods and Protocols (Methods in Molecular Biology) Vaccine Technologies for Veterinary Viral Diseases: Methods and Protocols (Methods in Molecular Biology) Understanding Molecular Simulation, Second Edition: From Algorithms to Applications (Computational Science) Supramolecular Photosensitive and Electroactive Materials Supramolecular Chemistry: Concepts and Perspectives Supramolecular Chemistry Mechanics of Structures Variational and Computational Methods, 2nd Edition Spectral Methods for Time-Dependent Problems (Cambridge Monographs on Applied and Computational Mathematics)