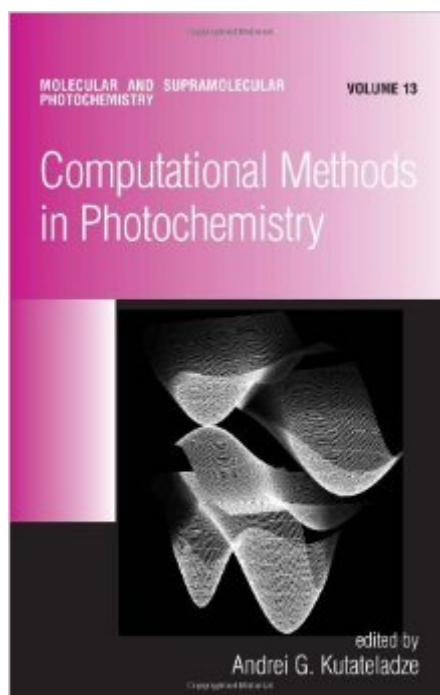# Computational Methods In Photochemistry (Molecular And Supramolecular Photochemistry)

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

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