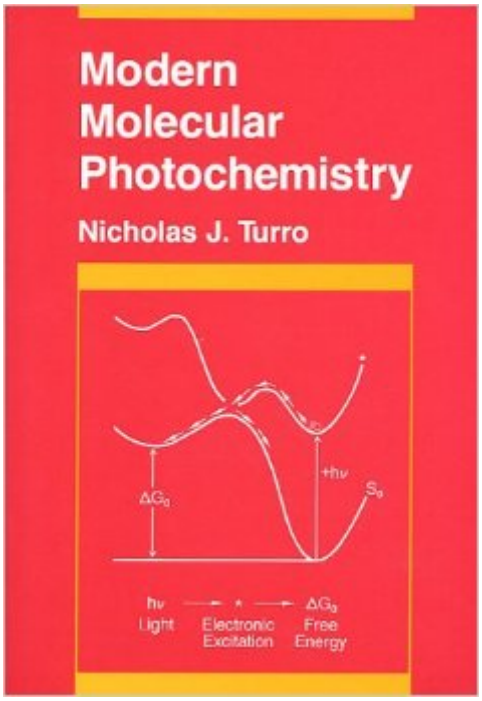
Modern Molecular Photochemistry



Synopsis

During the last two decades the photochemistry of organic molecules has grown into an important and pervasive branch of organic chemistry. In "Modern Molecular Photochemistry", the author brings students up to date with the advances in this field - the development of the theory of photoreactions, the utilization of photoreactions in synthetic sequences, and the advancement of powerful laser techniques to study the mechanisms of photoreactions.

Book Information

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Customer Reviews

This is the first book to read on organic photophysics. Turro is a wonderful teacher; the introductory chapters of this book clearly explain basic concepts that other books skip entirely. I would particularly recommend this book to anyone who is new to the field and/or timid about physical chemistry, although it is certainly appropriate for more advanced students/professionals as well. The advanced reader can skip the first few chapters and still find plenty of useful reference material on energy transfer, photochemical reactions, spectroscopy, etc. There are other photochemistry textbooks available but the price makes this one the best value.

I took a number of chem classes with Nick Turro and plain and simple, the man radiates brilliance. Modern Molecular Photochemistry has been the de facto standard for photochem since the 1960s and loses none of it’s excellence today. Good book for any undergrad/grad doing Chem/ChemE-related work. Very useful, very relevant, and just plain excellent.

This is the best of the best in photochemistry and photophysics textbooks. I borrowed and renewed this book for the whole period in my graduate school. In 04' I finally became an owner! It never fails me.The author Prof. Turro is of little doubt the authority in today's photochemistry world. He was a familiar name in my PhD group since we covered the ground of photochemistry. His chemistry tree went back to Dr. Hammond, the giant of modern photochemistry and physical organic chemistry.Dr. Turro is a great teacher. In 2001 (or 2002?) I was able to listen to one of his speeches in Florida. He has the great talent to deliver ideas to you, as often happens in great theoretical physicists. He delivers well in the book. It is very readable and informative.He has great, great videos lecturing photochemistry. Use them together with this book. It will get you to quite a level in photochemistry.The best in the business.

The author delivers an ultimate treatise in photochemistry with profound quantum chemical knowledge. Therefore, it may be a little difficult to understand if the readers don't have quantum chemical background.However, the content is so well-arranged and adequately presented if you are ready for it, which means you need to have intermediate level of understanding in quantum chemistry and organic chemistry.

Excellent. My leisure reading as well as serious references

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