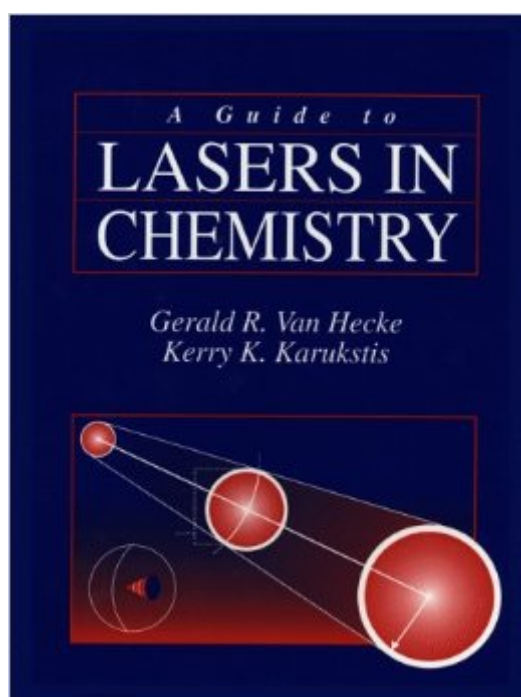


The book was found

A Guide To Lasers In Chemistry



Synopsis

Introduces and illustrates the use of lasers in chemistry through specific case studies that tell how and why a specific laser was used. Following introductory material on light, lasing action, and laser components, chapters present case studies highlighting the role of the laser as a structural pro

Book Information

Hardcover: 272 pages

Publisher: Jones & Bartlett Pub; 1st edition (October 8, 1997)

Language: English

ISBN-10: 0763704121

ISBN-13: 978-0763704124

Product Dimensions: 1 x 9 x 11.5 inches

Shipping Weight: 2.2 pounds

Average Customer Review: 4.0 out of 5 stars [See all reviews](#) (2 customer reviews)

Best Sellers Rank: #4,544,308 in Books (See Top 100 in Books) #31 in [Books > Science & Math > Chemistry > Photochemistry](#) #327 in [Books > Science & Math > Chemistry > Clinical](#) #2427 in [Books > Science & Math > Physics > Optics](#)

Customer Reviews

Lasers in Chemistry is a first glance a very easily accessible book with good use of figures and easily understood text. Additionally, the case studies outlined in the later chapter are particularly interesting and more complete than I have seen in other texts. However, for the average user of this book (an advanced undergraduate or graduate Chemistry student) a more advanced book such as Andrews' Lasers in Chemistry would be far more informative and equally well understood. Perhaps a new edition of the book will add some necessary detail and improve on the organization of some of the topics.

Excellent textbook and basic reference. The material comes from a short course that Van Hecke taught (still teaches?) at Harvey Mudd College geared more towards analytical chemists than laser jocks. The introductory chapters give a cursory treatment to the theory of laser operations and properties of laser light. The remaining chapters describe specific applications that exploit the laser's capabilities to the chemist's advantage. The treatment is far from comprehensive but provides a diverse and well-organized survey perfect for an upper division elective course.

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