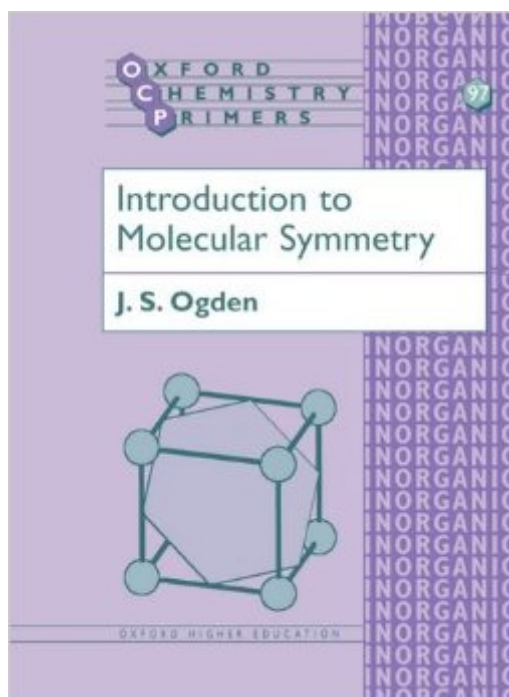


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Introduction To Molecular Symmetry (Oxford Chemistry Primers)



Synopsis

This Primer presents an introduction to molecular symmetry and point groups with an emphasis on their applications. The author has adopted a non-mathematical approach as far as possible and the text will supplement those that are too advanced or gloss over important information. Chapter topics include symmetry elements, operations and point groups; matrices, multiplication tables and representations; the reduction formula; molecular vibrations; vibrational spectroscopy and degenerate vibrations; symmetry aspects of chemical bonding and matrices in higher order point groups

Book Information

Series: Oxford Chemistry Primers (Book 97)

Paperback: 96 pages

Publisher: Oxford University Press; 1 edition (September 27, 2001)

Language: English

ISBN-10: 0198559100

ISBN-13: 978-0198559108

Product Dimensions: 9.2 x 0.3 x 7.1 inches

Shipping Weight: 7.8 ounces (View shipping rates and policies)

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