possible isomers of a given coordination number and their orbital properties.

The stated aim of this book is "to provide the reader with an up-to-date account of how one can provide mathematically non sophisticated molecular descriptors encompassing 3-D aspects of molecules. The advantages of such descriptors are an easy intuitive grasp of their significance, the possibility to compute them for any imaginable structure, and their power to be used in QSAR studies and in molecular modeling for drug design." The book seems to go well beyond this ambitious goal. The QSAR chapters are a valuable reference for pharmaceutical and medicinal chemists; the protein prediction method is important reading for structural biochemists; the Fullerene and hydrocarbon chapters are fascinating for computational chemists; and the inorganic chapter provides a glimpse of one theoretical entry point into this area which may become more important with advances in solid-state chemical physics.

This book is addressed to graduate students and research scientists who are interested in molecular modeling, in Fullerene research, in drug design, and in modern mathematical chemistry. The subject matter is mathematical; nevertheless, the narrative can be comprehended by readers having a knowledge of basic algebra. The index, table of contents, and literature citations are good and thorough. The writing is clear and revealing, supplemented by good illustrations. It is well-worth reading, particularly with the appealing subject matter selected.

Emile M. Bellott

Pharm-Eco Laboratories, Inc.
128 Spring Street
Lexington, Massachusetts 02173-7800

JM980116U

S0022-2623(98)00116-2

Books of Interest

Natriuretic Peptides in Health and Disease. Edited by Willis K. Samson and Ellis R. Levin. Humana Press, Totowa, NJ. 1997. x + 337 pp. 18 x 26 cm. ISBN 0-896-03453-4. $125.00.

Methods in Molecular Biology. Volume 100. Nitric Oxide Protocols. Edited by Michael A. Titheradge. Humana Press, Totowa, NJ. 1997. xi + 324 pp. 16.5 x 23 cm. ISBN 0-896-03537-9. $59.50.

Pharmacologic Analysis of Drug−Receptor Interaction. Third Edition. By Terry Kenakin. Lippincott-Raven, Hagerstown, MD. 1997. xiii + 491 pp. 16 x 24 cm. ISBN 0-397-51815-3. $99.00.

Advances in Experimental Medicine and Biology. Volume 423. In Vitro−In Vivo Correlations. Edited by David Young, John G. Devane, and Jackie Butler. Plenum Press, New York and London. 1997. ix + 300 pp. 17 x 25.5 cm. ISBN 0-306-45600-1. $95.00.

Methods in Molecular Biology. Volume 90. Drug−DNA Interaction Protocols. Edited by Keith R. Fox. Humana Press, Totowa, NJ. 1997. x + 278 pp. 16 x 23.5 cm. ISBN 0-896-03447-X. $69.50.

Methods in Molecular Biology. Volume 79. Polyamine Protocols. Edited by David M. L. Morgan. Humana Press, Totowa, NJ. 1998. ix + 186 pp. 16 x 23.5 cm. ISBN 0-89603-448-8. $59.50.

Endothelin. Molecular Biology, Physiology, and Pathology. Edited by Robert F. Highsmith. Humana Press, Totowa, NJ. 1997. ix + 274 pp. 16 x 23.5 cm. ISBN 0-89603-436-4. $99.50.

Methods in Molecular Biology. Volume 89. Retinoid Protocols. Edited by Christopher P. F. Redfern. Humana Press, Totowa, NJ. 1998. xvi + 434 pp. 15.5 x 23.5 cm. ISBN 0-89603-438-0. $79.50.

JM980098G

S0022-2623(98)00098-3