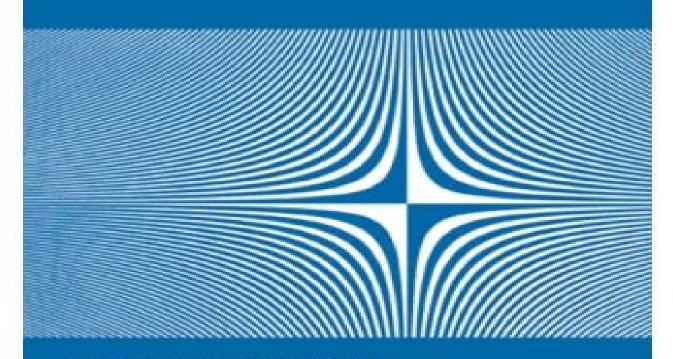
Cambridge monographs in physical chemistry 3

The determination and interpretation of molecular wave functions

ERICH STEINER



Determination And Interpretation Of Molecular Wave Functions

Hussin A.Rothana

Determination And Interpretation Of Molecular Wave Functions:

The Determination and Interpretation of Molecular Wave Functions Erich Steiner, 1976-07-15 First published in 1976 this monograph presents an exposition of some of the more important theoretical and computational techniques that have been developed for the determination and interpretation of molecular wave functions Although a comprehensive theory of the electronic structure and bonding in molecules had been developed by 1960 only with the advent of the electronic computer in the late 1950s did it become possible to perform accurate non empirical calculations for molecules of chemical interest indeed much of the subsequent evolution of the theory has occurred in parallel with the development of computing machines Canadian Journal of Chemistry ,2003 Scientific and Technical Aerospace and techniques Chemické Zvesti ,1976 Reports ,1975 Theoretical Chemistry Amyand David Buckingham, Charles Alfred Coulson, 1975 Molecular charge distributions their display and use correlated wave functions obtcuned by the variational nethod and the method of moments Electron momentum distribution in atoms molecules and solids Electronic structure of small molecules ESCA chemical bonding aspects of some solid state phenomena The SCF Xa scat tered ware method and its application to molecular problems The theory of rotationally inelastic molecular collisions Radiationless transitions Nuclear Science Abstracts Advanced Quantum Chemistry Hendrik F. Hameka, 1965 The Development of Theoretical and He(I) .1972 Photoelectron Methods for the Determination and Interpretation of the Electronic Structure of Large Molecules Annual Reports on the Progress of Chemistry Chemical Society (Great Britain), 1970 Dennis Lee Lichtenberger, 1974 New Technical Books New York Public Library, 1976 **Books in Series** ,1985 Vols for 1980 issued in three parts Sci-tech Book Profiles, 1965 Includes title page table of contents list of contributors preface Series Authors and Titles and all indexes of each book Scientific and Technical Books and Serials in Print ,1984 Books in Print .1981 **Journal of the Chemical Society** ,1973 **Energy Research Abstracts**, 1977 Semiannual with semiannual and annual indexes References to all scientific and technical literature coming from DOE its laboratories energy centers and contractors Includes all works deriving from DOE other related government sponsored information and foreign nonnuclear

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