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2.7.1 The Methane Molecule; 2.7.2 The Hydrogen Fluoride Molecule  
 2.7.3 The Water Molecule; 2.7.4 The Ammonia Molecule; 2.8  
 DELOCALIZED BONDS; 2.8.1 The Ethylene Molecule; 2.8.2 The Allyl  
 Radical; 2.8.3 The Butadiene Molecule; 2.8.4 The Cyclobutadiene  
 Molecule; 2.8.5 The Benzene Molecule; 2.9 APPENDICES; 2.9.1 The  
 Second Derivative of the Hückel Energy; 2.9.2 The Set of Three  
 Coulson's Orthogonal Hybrids; 2.9.3 Calculation of Coefficients of Real  
 MOs for Benzene; 3 An Introduction to Bonding in Solids; 3.1 THE  
 LINEAR POLYENE CHAIN; 3.1.1 Butadiene  $N = 4$ ; 3.2 THE CLOSED  
 POLYENE CHAIN; 3.2.1 Benzene  $N = 6$ ; 3.3 A MODEL FOR THE ONE-  
 DIMENSIONAL CRYSTAL  
 3.4 ELECTRONIC BANDS IN CRYSTALS; 3.5 INSULATORS, CONDUCTORS,  
 SEMICONDUCTORS AND SUPERCONDUCTORS; 3.6 APPENDIX: THE  
 TRIGONOMETRIC IDENTITY; Part 2: Long-Range Interactions; 4 The van  
 der Waals Bond; 4.1 INTRODUCTION; 4.2 ELEMENTS OF RAYLEIGH-  
 SCHRODINGER (RS) PERTURBATION THEORY; 4.3 MOLECULAR  
 INTERACTIONS; 4.3.1 Non-expanded Energy Corrections up to Second  
 Order; 4.3.2 Expanded Energy Corrections up to Second Order; 4.4 THE  
 TWO-STATE MODEL OF LONG-RANGE INTERACTIONS; 4.5 THE van der  
 WAALS INTERACTIONS; 4.5.1 Atom-Atom Dispersion; 4.5.2 Atom-  
 Linear Molecule Dispersion  
 4.5.3 Atom-Linear Dipolar Molecule  
 4.6 THE  $C_6$   
 DISPERSION COEFFICIENT FOR THE H-H INTERACTION; 4.7 THE van der  
 WAALS BOND; 4.8 THE KEESOM INTERACTION; 5 The Hydrogen Bond;  
 5.1 A MOLECULAR ORBITAL MODEL OF THE HYDROGEN BOND; 5.2  
 ELECTROSTATIC INTERACTIONS AND THE HYDROGEN BOND; 5.2.1 The  
 Hydrogen Fluoride Dimer (HF)<sub>2</sub>; 5.2.2 The Water Dimer (H<sub>2</sub>O)<sub>2</sub>; 5.3 THE  
 ELECTROSTATIC MODEL OF THE HYDROGEN BOND; 5.4 THE Rg-HF  
 HETERODIMERS; References; Author Index; Subject Index

Sommario/riassunto

A readable little book assisting the student in understanding, in a nonmathematical way, the essentials of the different bonds occurring in chemistry. Starting with a short, self-contained, introduction, Chapter 1 presents the essential elements of the variation approach to either total or second-order molecular energies, the system of atomic units (au) necessary to simplify all mathematical expressions, and an introductory description of the electron distribution in molecules. Using mostly  $2 \times 2$  Hückel secular equations, Chapter 2, by far the largest part of the book because of the many implicat