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Nota di contenuto	Hydrogen Thermochemistry: Definition; History; Theory and Methodology; Accuracy; Applications; Details of Calorimeter Construction; Design Modifications; Experimental Results: Enthalpies of Hydrogenation; Computational Thermochemistry: Introduction to Computational Thermochemistry; Molecular Modeling; Additivity Methods; Molecular Mechanics; Molecular Orbital Calculations; Semiempirical Methods; Ab Initio Methods.
Sommario/riassunto	Heats of hydrogenation constitute a body of thermochemical information that has had an on-going significance despite the small number of research groups engaged in it. This book concentrates on the features of hydrogen thermochemistry which include historical aspects and impact of the advances in computer software on the calculation of the heats.