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Sommario/riassunto	<p>This is the first book to collect together 70 years worth of experimental procedures that have been developed to perform the Diels-Alder reaction. It begins with the fundamental principles and contains numerous graphical abstracts to present the basic concepts in a concise and pictorial way. Covering the theory and synthetic applications of the experimental methods it describes the procedures and techniques and includes reports on industrial applications.* Illustrates the fundamental principles and summarises experimental methods used to carry out the Diels-Alder reaction* Contains physical and catalytic methods to enhance the selectivity of the Diels-Alder reaction* Includes procedures for cycloaddition accomplished in conventional and unconventional media* Outlines the practical procedures* Focuses on clean syntheses and green chemistry* Provides a single source for relevant information and includes over 1,000 referencesThe Diels-Alder reaction mechanism was first published in 1928 and in the last 70 years has become the most commonly used and studied mechanism in organic chemistry.</p>