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Autore	Verma Dakeshwar Kumar
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Sommario/riassunto

This book, edited by Dakeshwar Kumar Verma, Chandrabhan Verma, and Paz Otero, delves into the application of microwave and ultrasound irradiation in green chemical synthesis. It explores how these technologies can improve the efficiency and environmental impact of chemical reactions. The book covers fundamental theories, contemporary trends, and practical applications, including the synthesis of heterocycles, polymers, and nanomaterials. It aims to provide insights into reducing energy consumption and minimizing hazardous waste in chemical processes. The intended audience includes researchers, scientists, and students in the field of chemistry and chemical engineering.
