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Sommario/riassunto

This book explores the advancements and methodologies in clean and renewable energy, focusing on biofuel production, carbon sequestration, and renewable energy technologies such as solar, wind, and hydro energy. It provides a comprehensive analysis of emerging technologies for sustainable energy applications, including microbial fuel cells and hydrogen storage. The book aims to address the need for sustainable energy solutions and is intended for researchers, scientists, and professionals in the field of renewable energy. It discusses the potential of hybrid renewable energy systems, the role of ocean energy, and the use of proton exchange membrane fuel cell systems in modern electric vehicles. The book serves as a resource for understanding the current trends and future perspectives in renewable energy.
