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Sommario/riassunto

This comprehensive volume explores the technological advancements, environmental impacts, and future opportunities in wind energy, focusing on storage and conversion technologies. Edited by Inamuddin, Tariq Altalhi, and Mohammad Luqman, the book covers a range of topics including wind energy conversion systems, hybrid power technologies, and the integration of hydrogen storage. It addresses the environmental and social implications of wind energy, as well as the challenges of implementing reusable wind turbine blades. The book is intended for engineers, researchers, and policymakers interested in sustainable energy solutions, providing insights into the design and optimization of wind energy systems and highlighting future research directions.
