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Sommario/riassunto

This book explores the development and application of hybrid materials for piezoelectric energy harvesting and conversion. Edited by experts from leading institutions, it provides a comprehensive overview of the latest advancements in piezoelectric materials, focusing on their ability to convert mechanical energy into electrical energy. The book covers the synthesis, fabrication, and application of various hybrid piezoelectric materials, including polymers, composites, and biological substances. It discusses the potential of these materials in addressing global energy challenges by offering sustainable and efficient energy solutions. The intended audience includes researchers, engineers, and students in materials science and related fields.