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Sommario/riassunto

"This comprehensive book describes the design, synthesis, mechanisms, characterization, fundamental properties, functions and development of self-healing smart materials and their composites with their allied applications. It covers cementitious concrete composites, bleeding composites, elastomers, tires, membranes, and composites in energy storage, coatings, shape-memory, aerospace and robotic applications. The 21 chapters are written by researchers from a variety of disciplines and backgrounds."--
