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Materials Research Solid State Physics and Engineering

Sustainable Natural Fiber Composites

Eds. Anish Khan, A. Manikandan, M. Ramesh, Imran Khan, Abdullah Mohammed Ahmed Asiri

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The book covers such diverse topics on Sustainable Natural Fiber Composites.

Keyword: Fiber Reinforced Composites, Biodegradable Composites, Methacrylate, Fibers. Polymethyl Cellulose Coconut Fibers. Biocomposites, Resol-Vegetable Fibers, Pineapple Natural Fiber Composite, Dental Applications, Cement Paste, Concrete, Thermoplasticity, Fatigue, Moisture, Thermal Conductivity

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Summary:

The book covers such diverse topics as cellulose fibers in cement paste and concrete, biodegradable materials for dental applications, coconut and pineapple fiber composites, biodegradable plastic composites, durability against fatigue and moisture, physical and mechanical characterization of fiber composites, improving the hydrophobic nature of fiber composites, and hybrid natural fiber composites.



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