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Descrizione fisica	1 online resource (119 p.)
Disciplina	54 620.11 620.5 677
Soggetti	Manufactures Materials - Analysis Microtechnology Microelectromechanical systems Machines, Tools, Processes Characterization and Analytical Technique Microsystems and MEMS
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Production of Bicomponent Polymer Droplets by Electrospraying -- Characteristics of Electrospun PVA-Aloe Vera Nanofibres Produced Via Electrospinning -- Puncture Strength of Natural Rubber Latex Coated Unidirectional Fabrics After Heat Ageing -- Modeling Plain Woven Composite Model with Isotropic Behavior -- The Effect of Fabric Weave on Tensile Strength of Woven Kenaf Reinforced Unsaturated Polyester Composite -- Yarn Pull-Out Strength and Shear Behaviour of Kevlar 29 Fabrics Coated with Natural Rubber Latex -- Tensile Strength and Evenness of Kenaf/Polyester Blended Rotor Spun Yarn -- Smart Textiles: The Use of Embedded Technology on Tactile Textiles as Therapy for the Elderly -- Thermal Energy Storage of Polyester Fabric Coated with Paraffin Liquid as Microencapsulated Phase Change

Material (PCM) -- Fabric Mechanical Properties: Humans Versus Machines Interpretation -- Upper Fitness Personal Assistant - Body Guts -- Surface Appearance Changes of Bio-finished Knitted Fabric -- The Performance of Tenun Pahang Using Various Weft Yarns -- Utilization of Eco-Colorant from Green Seaweed on Textile Dyeing -- Dyeing of Polyester Using Natural Colorant from Melastoma Malabathricum I -- Microwave-enzyme Assisted Extraction and Dyeing of Lichen Species: *Parmotrema Praesorediosum* -- Microwave-Assisted Extraction as a Rapid Extraction to Produce Natural Dyes from *Pycnoporus Sanguineus* Mushroom -- Dyeing Properties and Absorption Study of Natural Dyes from Seaweeds, *Kappaphycus alvarezii* -- Reducing the Effluent Pollution by Using Trisodium Nitrilotriacetate in Batch Process of Dyeing Cotton Fabric with Fiber-Reactive Dyes -- Fastness Properties and Colour Analysis of Dyeing of Natural Dyes from Actinomycetes Isolates on Silk Fabric -- Dyeing of Polyester and Polyester Microfibre with Natural Dye from Bacteria Source.

Sommario/riassunto

The book is a collection of academic papers from a conference that focuses on significant issues, fundamental and applied research advances on a range of topics in the areas of textile engineering, apparel, fashion and design. Among others, the book will update the readers on recent research in technical and functional textiles; future trends and visions for textile, apparel and fashion; global business, marketing and management in textile and apparel; education and training in textile and apparel; and design, fashion, footwear product and materials innovation.
