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| Edizione | [1st ed. 2014.] |
| 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 Nitritotriacetate 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.
