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Nota di contenuto	Frontmatter -- Table of Contents -- Textile science and technology -- Viscoelastic Behaviour of the Warp Knitted Spacer Fabrics -- Effects of Laundering on the Structure and Properties of Elastic Warp Knitted Fabrics -- Image Analysis-Based Test Method of Pollen Amount on Fabric Surface Using Colour Thresholding -- Liquid Moisture Transport in Woven Fabrics of Different Weaves and Weft Density -- Rotary Printing: Paste Reduction and Paste Calculation Using Statistical Analysis -- Design of Textile Reinforced Composites Based on Impact Behaviour -- A Hydrogel from a Textile Support Used in Therapy of Wounds -- Digitization of Protective Materials -- On the Use of a Biocompatible Hand Builder for Tuning the Surface and Mechanical Properties of a Natural Fiber Fabric -- A Study on the Influence of Sliver Preparation System on the Quality of Cottonised Hemp/Cotton Blended Rotor Spun Yarns -- Influence of Temperature on the Preparation of Orange Oil Emulsion Electrospinning Microcapsules -- Full Body Harness Degradation under Several use Condition -- Improving the Quality of Knitted Panels Obtained on the Stoll Knitting Machine -- Study on the Influence of Tensional Properties on the Quality of Knitted Materials -- Small-Scale PPG-UAV for Emergency Response Actions Development Phase -- Study on the Breakage Behavior of Upholstery Fabrics -- Predicting the Degree of Pilling in Fleece Fabrics by BP-ANN and Enhancing the Pilling Resistance of Raised Fleece Fabrics by Finishing Treatments -- AutoCAD based Graphical Method for Determining the Limits and Specific Areas of Stress-Strain Curves that

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Sommario/riassunto

The Romanian Textiles and Leather Conference CORTEP 2022 is a major international scientific event organized in Romania by the Faculty of Industrial Design and Business Management of the "Gheorghe Asachi" Technical University of Iasi. Now in its 18th edition, the Conference provides a platform for professionals and managers from the textiles, clothing, leather and footwear (TCLF) sector to exchange knowledge, new ideas and experiences, and gain an insight into the state-of-the-art in the current developments, solutions and research results. The CORTEP events started in 1960 with a view to transforming our decades of experience in academic education and scientific research in the fields of textile and garment technologies, fashion design and industrial management. The further editions evolved into a successful and traditional conference. The conference is addressed to a large variety of stakeholders, from those interested in research and academia to specialists and managers from TCLF and other industrial sectors, professional associations and government organizations. This wide range of participants provides opportunities for fruitful exchange of new ideas and experiences, networking and development of research and/or business relations, as well as possible partners for future collaborations. With each edition, the conference is adapted to meet the needs of our community and industry. Topics for the 18th CORTEP International Conference include: New fibres and advanced materials; Textile science and technology; Innovative textile structures and processing; Smart textiles; Sustainable and functional textiles and clothing; Machinery developments; Fashion design and product development; Innovations in textile finishing; Advancements in leather processing; Footwear design and technology; Ecology in textiles and leather processing; New business models and emergent ecosystems; Entrepreneurship and innovation; Engineering education. Submission of articles via the Editorial Manager (<https://www.editorialmanager.com/cortep/default2.aspx>) Information about the conference (<https://www.cortep.tuiasi.ro/>) ABSTRACTING & INDEXING The 18th Romanian Textiles and Leather Conference is covered by the following services: Baidu Scholar CNKI Scholar (China National Knowledge Infrastructure) Dimensions EBSCO Ex Libris Google Books Google Scholar NavigaRead Cube Semantic Scholar TDOne (TDNet) WorldCat (OCLC) X-MOL
