

# Contents

## 4 Abstracts in Polish

### GENERAL PROBLEMS OF THE FIBRE AND TEXTILE INDUSTRIES

- 8 Cooperative Relations in Internationalisation: Practical Management Orientation in Textile and Clothing Enterprises  
*Z. Patora-Wysocka*
- 12 Clusters and Competitive Ability of Small and Medium Enterprises in the Textile and Clothing Industry: Serbian Economy Review  
*D Đorđević, D. Ćočkalo, S. Urošević, V. Đekić*
- 17 Logistics Centre Design for the Turkish Clothing Industry  
*S. H. Eryuruk, F. Kalaoglu, M. Baskak*

### RESEARCH AND DEVELOPMENT

- 23 Ability of a Cellobiohydrolase I+II Mixture and Endoglucanase of the *Trichoderma reesei* Strain to Change Lyocell Fibres  
*H. B. Öztürk, A. Ehrhardt, H. Vu-Manh, T. Oksanen, B. Široká, A. Suurnakki, T. Bechtold*
- 28 Coating of Core Yarn. An Alternative Method of Decreasing the Strip-back Phenomenon of Core-spun Yarns  
*M. Shanbeh, B. Baghaei, S. Alidadi, A. Tabibi*
- 33 Research Methods for the Dynamic Properties of Textiles  
*P. Tumajer, P. Ursiny, M. Bilek, E. Moučková*
- 40 Influence of the Construction of a Four-Axial Fabric on Its Properties  
*M. Snycerski, I. Frontczak-Wasiak, M. Balcerzak*
- 46 Influence of the Structure of Woven Fabrics on Their Thermal Insulation Properties  
*M. Matusiak, K. Sikorski*
- 54 Tensile and Tearing Properties of Newly Developed Structural Denim Fabrics after Abrasion  
*K. Bilisik, G. Yolacan*
- 60 Influence of the Weave Factor on the Character of Fabric Wicking Measured by a Multiple Probe Vertical Wicking Tester  
*V. R. Babu, C. V. Koushik, C. B. Lakshminikantha, V. Subramaniam*
- 64 Influence of Weave Type and Weft Density on Worsted Fabric Pilling  
*F. Lohrasbi, J. M. Ghahi, M. E Yazdanshenas*
- 70 Research of Textile Electrodes for Electrotheraphy  
*J. Zięba, M. Frydrysiak, M. Tokarska*
- 75 Assessing the Signal Quality of an Ultrasonic Sensor on Different Conductive Yarns Used as Transmission Lines  
*S. Kursun-Bahadir, V. Koncar, F. Kalaoglu, I. Cristian, S. Thomassey*
- 82 Comparative Study of the Quality Parameters of Knitted Fabrics Produced from Sirospun, Single and Two-ply Yarns  
*A. Kireczi, H. K. Kaynak, M. E. Ince*
- 87 Influence of Knitting Parameters on the Mechanical Properties of Plain Jersey Weft Knitted Fabrics  
*E. Fatkić, J. Geršak, Darko Ujević*
- 92 Ultra-Light Knitted Structures for Application in Urologinecology and General Surgery – Optimisation of Structure in the Aspect of Physical Parameters  
*M. H. Struszczyk, A. Gutowska, K. Kowalski, K. Kopias, B. Palys, A. Komisarczyk, I. Krucińska*
- 100 Strength Tests of 3D Warp-Knitted Composites with the Use of the Thermovision Technique  
*K. Pieklak, Z. Mikolajczyk*
- 107 Development of a Prototype Pattern Based on the 3D Surface Flattening Method for MTM Garment Production  
*Y.-C. Yang, F.-Y. Zou, Z. Li, X.-F. Ji, M.-Z. Chen*
- 112 Modelling of Transient Heat Transfer within Bounded Seams  
*R. Korycki*
- 117 Effect of Mechanical Factors on the Protective Parameters of Textile Elements in Personal Equipment Protecting Against Falls from a Height  
*K. Baszczyński, M. Jachowicz*
- 125 Spectrophotometric Colour Matching in Melange Fibre Blends  
*E. C. Sabir, Y. Yeşil*
- 129 Sizing Effect on Wet-Pneumatic Spliced Denim Yarn Performance  
*B. Jaouachi, M. B. Hassen, F. Sakli*
- 133 Dyeing Kinetics of Vynylon Modified with β-Cyclodextrin  
*M. Lu, Y. Liu*
- 136 Information for Authors. Advertising and Subscription Information