Contents

4 Abstracts in Polish

GENERAL PROBLEMS OF THE FIBRE AND TEXTILE INDUSTRIES

- 7 Specialist Market Analysis Methods and the Strategic Decision-Making Process in the Polish Clothing Companies.

 E. Grandys
- 11 The Use of Marketing Communications in the Clothing Industry in Slovenia B. Završnik, D. Mumel
- 16 Acceptable Quality Levels in the Textile Sector and their Affect on the Level of Competition T. Atılgan

RESEARCH AND DEVELOPMENT

- Quality of Cotton Yarns Spun Using Ring-, Compact-, and Rotor-Spinning Machines as a Function of Selected Spinning Process Parameters, L. Jackowska-Strumillo, D. Cyniak, J. Czekalski, T. Jackowski
- 31 Variational Approach to Nonlinear Coupled Oscillators Arising in Sirospun Yarn Spinning H. Ji-Huan
- 35 Analysis of Dependencies of Woven Fabric's Breaking Force and Elongation at Break on its Structure Parameters

 E. Kumpikaitė
- 39 An Investigation into the Tensile Strength, Pilling and Abrasion Properties of Woven Fabrics Made from Conventional and Compact Ring-Spun Yarns S. Omeroglu, S. Ulku
- 43 Shape Optimisation and Shape Identification for Transient Diffusion Problems in Textile Structures R. Korycki
- 50 Behaviour of Textile Membranes While Being Pulled Through a Hole by the Constrained Method D. Truncytė, L. Papreckienė, M. Gutauskas
- 55 A Study of the Thermal Properties of Textured Knitted Fabrics G. Özcelik, A. Cay, E. Kirtay
- 59 The Optimal Design of Three-Layer Plated Fabrics K. Baozhu, Z. Weiyuan
- 62 Process of Lockstitch Tightening and Optimisation of Thread Working Conditions. Part II. The Trial of Optimising the Interlacement Location in the Stitch Link W. Więźlak, J. Elmrych-Bocheńska
- 66 Optimisation of Needle Penetration Velocity Using the Link Drive Mechanism in a Sewing Machine K. Gotlih, D. Ž. Lojen, B. Vohar
- 72 Investigation of Material Combinations for Fire-fighter's Protective Clothing on Radiant Protective and Heat-Moisture Transfer Performance Z. Fanglong, Z. Weiyuan, C. Minzhi
- 76 Investigation of Nonwoven Carding Process with the Application of Static Electricity to Various Fibres and Process Parameters
 H. Wen-Hao, K. Kuo-Ting, L. Jia-Horng, S. Yi-Ting
- 82 Effects of the Molecular Structure of Polyvinyl Alcohol on the Adhesion to Fibre Substrates Z. Zhifeng, Q. Kun
- 86 Comparison of Woven Fabrics' Properties from Traditional and Compact Ring-Spun Yarns after Dyeing Processes C. Taskin, A.T. Ozguney, P. Gurkan, G. Ozcelik, A. Ozerdem
- 91 Effects of Warp-Weft Density Variation and Fabric Porosity of the Cotton Fabrics on their Colour in Reactive Dyeing A. Çay, R. Atav, K. Duran
- 95 Extended Oxygen Delignification of Birch Kraft Pulp D. Danielewicz, B. Surma-Ślusarska
 - NEW PRODUCTS
- 101 Research into Developing Antibacterial Dressing Materials A. Niekraszewicz, J. Lebioda, M. Kucharska, E. Wesołowska
- 106 Biocomposites with a Content of Keratin from Chicken Feathers K. Wrześniewska-Tosik, J. Adamiec

CONFERENCES, FAIRS AND OTHER EVENTS

- 113 Future Events
- 120 Information for Authors. Advertising and Subscription Information