Contents

4 Abstracts in Polish

GENERAL PROBLEMS OF THE FIBRE AND TEXTILE INDUSTRIES

8 Association Rules as a Decision Making Model in the Textile Industry
   V. Istrat, N. Lalić

RESEARCH AND DEVELOPMENT

15 Preliminary Study on the Exploitation of Chinese Fevervine Fibre
   Z. Hongwei

19 Comparison of the Effects of Different Cotton Fibre Wastes on Different Yarn Types
   D. Yilmaz, S. Yelkovan, Y. Tirak

31 Research on Knitted Fabric Properties of Yak Cashmere and Cotton Blend Yarns
   X. Qin, H. Liang, G. Wang, X. Su, X. Liu

36 Comparative Study on the Frictional Sound Properties of Woven Fabrics
   P.-N. Wang, M.-H. Ho, K.-B. Cheng, R. Murray, C.-H. Lin

45 Structural Modelling of Blackout Fabrics Patterned by Weave Used as a Curtain in Interior Public Spaces
   J. Szkudlarek, M. Snyckerski

50 Proposal of Objective Assessment of the Phenomenon of Light Passage through Blackout Fabrics
   J. Szkudlarek, M. Snyckerski, G. Owczarek

59 Effects of Aspect Ratio and Loading on the Mechanical Properties of Prosopis juliflora Fibre-reinforced Phenol Formaldehyde Composite
   A. Suajin Jose, A. Athijayamani, K. Ramanathan, S. Sidhardhan

65 Review: Radiation Heat Transfer through Fire Fighter Protective Clothing
   J. Nacem, A.A. Mazari, A. Havelka

75 Effects of the Laundering Process on Dimensional and Physical Properties of Plain and Lacoste Fabrics Made from Modal/Combed Cotton Blended Yarns
   E. Çoruh

82 Influence of Silk-Like Finishing Process Variables on Fabric Properties
   E. Carrera-Gallissà, X. Capdevila, J. Valdeperas

89 Influence of Modification on the Structural and Tensile Properties of Polyurethane Coated Knitted Fabrics after Natural Weathering
   V. Marija, P. Matković, Z. Skenderi

95 Impregnation of Microencapsulated Aroma Oil on Ramie Blended Terry Textile and its Bending Rigidity
   S. Petruyte, D. Plascinskiene, D. Petrulis

102 Wool Fabric Treated with Eco-Friendly Insect Repellent
   S. Krestević Vrza, B. Vonić

106 Antimicrobial Activity of Coleus amboinicus Herbal Finish on Cotton Fabric
   M. Gopalakrishnan, D. Saravanan

111 Ultrasound and Microwave Aided Natural Dyeing of Nettle Biofibre (Urtica dioica L.) with Madder (Rubia tinctorum L.)
   A. Yavas, O. Avinc, G. Gedik

121 Application of Spontaneous Oxidation Processes of Zero-valent Iron and Electrocoagulation for Reactive Black 5 Removal
   I. Wysocka, U. Filipkowska, T. Jęziwał

129 Performance Analysis of the Mechanical Behaviour of Seams With Various Sewing Parameters for Cotton Canopy Fabrics
   D. Vijay Kirubakar Raj, M. Renuka Devi

135 Artificial Neural Network System for Prediction of Dimensional Properties of Cloth in Garment Manufacturing: Case Study on a T-Shirt
   M. Kalkanci, G. Karuner, H. Oztürk, M. Sinecen, Ö. Kayacan

142 Information for Authors, Advertising and Subscription Information