

References:

1. Leśnikowski J. Textile Transmission Lines in the Modern Textronic Clothes. *FIBRES & TEXTILES in Eastern Europe* 2011, 19, 6(89): 89-93.
2. Brazis R, Kazakevičius V, Koprowska J. Electroconductive Textile Homogeneity Tests Using Microwave Transmission. *FIBRES & TEXTILES in Eastern Europe* 2009; 17, 3(74): 81-83.
3. Frydrysiak M, Zięba J. Textronic Sensor for Monitoring Respiratory Rhythm. *FIBRES & TEXTILES in Eastern Europe* 2012; 20, 2(91): 74-78.
4. Power E J, Dias T. *Knitting of Electroconductive Yarns*, The institution of Electrical Engineers. Printed and published by the IEE, Michael Faraday House. Six Hills Way. Stevenage, 2003 IEEE.
5. Gilliland S, Komor N, Starner T, Zeagler C. The Textile Interface Swatchbook: Creating Graphical User Interface-like Widgets with Conductive Embroidery, www.ieeexplore.ieee.org, IEEE 2013.
6. Linz T, Kallmayer Ch, Aschenbrenner R, Reichl H. Embroidering Electrical Interconnects with Conductive Yarn for The Integration of Flexible Electronic Modules into Fabric. Proceedings of the 2005 Ninth IEEE International Symposium on Wearable Computers, 2005 IEEE.
7. Idzik M. Metallic and metalized yarns. *Przegląd Włókienniczy*. 2002, 11: 11-12.
8. Alagirusamy R, Das A. *Technical textile yarns. Industrial and Medical Application*. Indian Institute of Technology, New Delhi, India, ISBN 1 84569 549 6.
9. <http://www.bekaert.com/>.
10. <http://www.shieldextrading.net>.
11. Akbarov D, Baymuratov B, Akbarov R, Westbroek P, De Clerck K, Kiekens P. Optimizing Process Parameters in Polyacrylonitrile Production for Metallization with Nickel. *Textile Research Journal* 2005; 75: 197.
12. Schwarz A, Hakuzimana J, Westbroek P, Van Langenhove L. How to equip para-aramide yarns with electro-conductive properties. www.ieeexplore.ieee.org, IEEE 2013.
13. Maiti S, Das D, Sen K. Studies on Electro-Conductive Yarns Prepared by In Situ Chemical and Electrochemical Polymerization of Pyrrole. *Journal of Applied Polymer Science* 2012; 123: 455–462 VC 2011 Wiley Periodicals, Inc.
14. Skrzetuska E, Urbaniak-Domagala W, Lipp-Symonowicz B, Krucińska I. Printing of the electroconductive transmission lines on textiles. *XIII Scientific Conference Faculty of Material Technologies and Textile Design*, Lodz 2012, K-48 pp.1-4
15. Krucińska I, Skrzetuska E, Urbaniak-Domagala W. Prototypes of carbon nanotube-based textile sensors manufactured by the screen-printing method. *FIBRES & TEXTILES in Eastern Europe* 2012; 20, 2(91): 79-83.
16. Kazani I, Hertleer C, De Mey G, Schwarz A, Guxho G, Van Langenhove L. Electrical Conductive Textiles Obtained by Screen Printing. *FIBRES & TEXTILES in Eastern Europe* 2012; 20, 1(90): 57-63.

17. Gniotek K, Frydrysiak M, Zięba J, Tokarska M, Stepień Z. Innovative textile electrodes for muscles electro stimulation, www.ieeexplore.ieee.org, IEEE 2013.
18. Seeberg TM, Royset A, Jähren S, Strisland F. Printed organic conductive polymers thermocouples in textile and smart clothing applications, Engineering in Medicine and Biology Society, EMBC, 2011 *Annual International Conference of the IEEE* , Publication Year: 2011, Page(s): 3278-3281, IEEE 2011.
19. Agrawal P, Petcu J, Gooijer H, Brinks G. Functional Ink-jet Printing on Textiles: Challenges and Opportunities, Saxion University of Applied Sciences, Deventer, 22 November 2012, electronic document.
20. Shamal Kamalakar Mhetre. *Effect of Fabric Structure and Liquid Transport, Inkjet Drop Spreading and Printing Quality*, Georgia Institute of Technology, May 2009.
21. Dobrzański LA. *Fundamentals of material science and physical metallurgy*. WNT, Warsaw 2002.
22. Dobrzański LA. *Developing the structure and properties of engineered and biomedical materials*. Publication Gliwice 2009.
23. Roth A, Riabkina-Fishman M, Zahavi, Rosen A. Deposition of superconductive thin films by laser PVD. *Journal of Materials Science* 1991; 26: 2967-2970.
24. Mattox DM. *The foundation of vacuum coating technology*. William Andrew Publishing, 2003.
25. *Technology - Fundamentals, Etching, Deposition, and Surface Interactions*, 1990 William Andrew Publishing/Noyes.
26. Luhn V, Zarapin V, Zharsky I, Zhukowski P. Sensor properties of thin SnO₂ films formed by magnetron sputtering. *Elektronika* 2011; 11: 76-78.
27. Posadowski W, Wiatrowski A, Tadaszak K, Kundzia J. Magnetron sputtering - technology and technique. *Elektronika* 2012, 2: 37-39.
28. Halarewicz J, Posadowski W, Domanowski P, Wiatrowski A. Vacuum deposition of thin layers on large size glass substrates part I. *Elektronika* 2012; 4: 74-76.
29. Nowak I, Niewiadomska I, Krucińska I, Januskiewicz Ł. Testing Resistance of Metallic Layers Obtained on Nonwoven Substrates by Magnetron Sputtering and Heat Resistance to Utility Tests. *XVI Scientific Conference of the Faculty of Material Technologies and Textile Design* 2013 K48 pp. 43-48 K-48, conference materials.
30. Tadaszak K, Posadowski W. Model of high rate reactive pulsed magnetron sputtering. *Elektronika* 2011, 3: 69-71.
31. Posadowski W. Development of magnetron sputtering technology and techniques. *Elektronika* 2009; 1: 35-38.
32. Posadowski W, Wiatrowski A, Kudzia J, Brudnik A. Non-reactive pulsed magnetron sputtering process. *Elektronika* 2007; 10: 50-52.
33. Kubsz I, Urbaniak-Domagala W, Krucińska I. Modern Electro-conductive Textiles Produces By The Method Of Physical Vapour Deposition (PVD), *XIV Scientific Conference of Faculty of Material Technologies and Textile Design* 2011, K-48 pp. 1-4.
34. Kubsz I. Modern textiles with special electroconductive properties obtained by PVD. *Przegląd Włókienniczy Włókno Odzież Skóra* 2011; 7-8: 44-48.
35. Rossnagel SM, Cuomo JJ, Westwood WD. *Handbook of Plasma Processing Technology - Fundamentals, Etching, Deposition, and Surface Interactions*, 1990 William Andrew Publishing/Noyes.

36. Ziaja J, Koprowska J, Janukiewicz J. Using plasma metallization for manufacture of textile screens against electromagnetic fields. *FIBRES & TEXTILES in Eastern Europe* 2008; 16, 5(70): 64-66.
37. Depla D, Segers S, Leroy W, Hove T, Van Parys M. Smart textiles: an explorative study of the use of magnetron sputter deposition. *Textile Research Journal* 81(17); 2011: 1808–1817.
38. Bula K, Koprowska J, Janukiewicz J. Application of Cathode Sputtering for Obtaining Ultra-thin Metallic Coatings on Textile Products. *FIBRES & TEXTILES in Eastern Europe* 2006; 14, 5(59): 75–79.
39. Deng B, Wei Q, Gao W, Yan X. Surface Fictionalization of Nonwovens by Aluminum Sputter Coating. *FIBERS & TEXTILES in Eastern Europe* 2007; 15, 4(63): 90-92.
40. Ziaja J. ZnO thin film deposition with pulsed magnetron sputtering. *Przegląd Elektrotechniczny* 2007; 11: 235-237.
41. Mania R, Godlewska E, Mars K, Morgiel J, Wolański R. Ceramic layers on textiles. *Elektronika* 2011; 11: 34-36.
42. Pospieszna J, Jaroszewski M, Bretuj W, Tchórzewski M. Effect of surface and crossover resistance on dielectric properties of a composite system – carbon-coated polypropylene nonwoven obtained by plasma-assisted process. *Przegląd Elektrotechniczny* 2012; 5: 275-278.
43. Pospieszna J, Jaroszewski M, Henrykowski A, Szafran G. Effect of the parameters of plasma-assisted process of carbon layer deposition onto polypropylene nonwoven on the form of the obtained layer. *Przegląd Elektrotechniczny* 2012; 5a: 124-127.