

References

1. Sztajnowski S, Krucińska I, Sulak K, Wrzosek H, Bilaska J. Effects of the artificial weathering of biodegradable spun-bonded PLA nonwovens in respect of their use in agriculture. *Fibres & Textiles in Eastern Europe* 2012; 20, 6B(96): 89-95.
2. Puchalski M, Krucińska I, Sulak K, Chrzanowski M, Wrzosek H. Influence of the calender temperature on the crystallization behaviors of polylactide spun-bonded non-woven fabrics. *Textile Research Journal* 2013; 83, 17: 1775-1785.
3. Kuo Ch-FJ, Fang Ch-Ch. An Entire Strategy for Control of a Calender Roller System. Part I: Dynamic System Modeling and Controller Design. *Textile Research Journal* 2007; 77: 343-352.
4. Kuo Ch-FJ, Tu H-M. Gray Relational Analysis Approach for the Optimization of Process Setting in Textile Calendering. *Textile Research Journal* 2009; 79, 11: 981-992.
5. Midha VK. Study of stiffness and abrasion resistance of needle-punched nonwoven blankets. *Journal of the Textile Institute* 2011; 102, 2: 126-130.
6. Turant J. The optimal design of heat sources distribution in calender (in Polish). *Zeszyty Naukowe WSInf.* 2010; 9, 2: 65-71.
7. Dems K, Korycki R, Rousselet B. Application of the first- and second-order sensitivities in domain optimization for steady conduction problem. *Journal Therm. Stresses* 1997; 20: 697-727.
8. Korycki R. Two-dimensional shape identification for the unsteady conduction problem. *Structural and Multidisciplinary Optimization* 2001; 21, 4: 229-238.
9. Dems K, Korycki R. Sensitivity analysis and optimal design for steady conduction problem with radiative heat transfer. *Journal of Thermal Stresses* 2005; 28: 213-232.
10. Korycki R. Sensitivity analysis and shape optimization for transient heat conduction with radiation. *International Journal of Heat and Mass Transfer* 2006; 49 (13-14): 2033-2043.
11. Korycki R, Więzowska A. Modelling of the temperature field within knitted fur fabrics. *Fibres & Textiles in Eastern Europe* 2011; 84, 1: 55 – 59.
12. Li Y. The science of clothing comfort. *Textile Progress* 2001; 31, 1-2: 1-135. DOI: 10.1080/00405160108688951.