

References

1. Başer G. *Factors affecting quality in weaving and weaving process control techniques applied*. Lecture Notes. Izmir: Dokuz Eylül University, Department of Textile Engineering; 2007.
2. Xu ZK, Deng ZM, Zhao Y and Chen, LT. Research actuality on automatic measure method of fabric density. *Progress in Textile Science and Technology* 2005; (6): 3–5.
3. Zhang J, Xin B, Wu X. A review of fabric identification based on image analysis technology. *Textiles and Light Industrial Science and Technology* 2013; (3): 120–130.
4. Lachkar A, Gadi T, Benslimane R, D'Orazio L, Martuscelli E. Textile woven-fabric recognition by using fourier image-analysis techniques: Part I: a fully automatic approach for crossed-points detection. *The Journal of the Textile Institute* 2003; (3-4): 194–201.
5. Lachkar A, Benslimane R, D'Orazio L, Martuscelli E. Textile woven fabric recognition using Fourier image analysis techniques: Part II – Texture analysis for crossed-states detection. *The Journal of the Textile Institute* 2005; (3): 179–183.
6. Shady E, Qashqary K, Hassan M, Militky J, Image Processing Based Method Evaluating Fabric Structure Characteristics. *FIBRES & TEXTILES in Eastern Europe* 2012; 20, 6A(95): 86–90.
7. Liqing L, Jia T, Chen X. Automatic recognition of fabric structures based on digital image decomposition. *Indian Journal of Fiber & Textile Research* 2008; 33: 388–391.
8. Ajallouian F, Tavanai H, Palhang M, Hosseini SA, Sadri S, Matin K. A novel method for the identification of weave repeat through image processing. *The Journal of the Textile Institute* 2009; (3): 195–206.
9. Pan R, Gao W, Liu J, Wang H. Automatic recognition of woven fabric pattern based on image processing and BP neural network. *The Journal of the Textile Institute* 2011; (1): 19–30.
10. Salem YB, Nasri S. Automatic recognition of woven fabrics based on texture and using SVM. *Signal, Image and Video Processing* 2010; (4): 429–434.
11. Shen J, Zou X, Xu F, Xian Z. Intelligent recognition of fabric weave patterns using texture orientation features. In: *Communications in Computer and Information Science* 2010; 106: *Proceedings of Information Computing and Applications International Conference Part II* (ed. R Zhu, Y Zhang, B Liu, C Liu); 2010 Oct 15–18; Tangshan, China. Berlin: Springer; 2010. p. 8–15.
12. Potiyaraj P, Subhakalin C, Sawangharsub B, Udomkichdecha W. Recognition and re-visualization of woven fabric structures. *International Journal of Clothing Science and Technology* 2010; (2-3): 79–87.
13. Xiao Z, Nie X, Zhang F, Geng L. Recognition for woven fabric pattern based on gradient histogram. *The Journal of the Textile Institute* 2014; (7): 744–752.
14. Zheng D. A new method for the detection and classification of weave pattern repeat. *Textile Research Journal* 2014; (15): 1586–1599.
15. Rief S, Glatt E, Laourine E, Aibibu D, Cherif C, Wiegmann A. Modeling and cfd-simulation of woven textiles to determine permeability and retention properties. *AUTEX Research Journal* 2011; (3): 78–83.
16. Jiraskova P, Mouckova E. New method for the evaluation of woven fabric unevenness. *AUTEX Research Journal* 2010; (2): 49–54.
17. Sabuncu M, Akdoğan M. Utilizing Optical Coherence Tomography in the Nondestructive and Noncontact Measurement of Egg Shell Thickness. *The Scientific World Journal* 2014; (51): 91–95.
18. Sabuncu M, Akdoğan M. Photonic Imaging with Optical Coherence Tomography for Quality Monitoring in the Poultry Industry: a Preliminary Study. *Revista Brasileira de Ciência Avícola* 2015; (3): 319–324.

19. Dunkers JP, Parnasa RS, Zimbaa CG, Petersona RC, Flynnna KM, Fujimotob JG, Bouma BE. Optical coherence tomography of glass reinforced polymer composites. *Composites: Part A* 1999; 30: 139–145.
20. Dunkers JP, Phelan FR, Sanders DP, Everett MJ, Green WH, Hunston DL, Parnas RS. The application of optical coherence tomography to problems in polymer matrix composites. *Optics and Lasers in Engineering* 2001; 35: 135–147.
21. Dunkers JP, Sanders DP, Hunston DL, Everett MJ, Green WH. Comparison of optical coherence tomography, x-ray computed tomography, and confocal microscopy results from an impact damaged epoxy/e-glass composite. *The Journal of Adhesion* 2002; (2): 129–154.
22. Wiesauer K, Pircher M, Götzinger E, Hitzenberger CK, Oster R, Stifter D. Investigation of glass-fibre reinforced polymers by polarisation-sensitive, ultra-high resolution optical coherence tomography: Internal structures, defects and stress. *Composites Science and Technology* 2007; 67: 3051–3058.
23. Stifter D, Wiesauer K, Wurm M, Schlotthauer E, Kastner J, Pircher M, Götzinger E, Hitzenberger CK. Investigation of polymer and polymer/fibre composite materials with optical coherence tomography. *Measurement Science and Technology* 2008; 19: 1–8.
24. Awaja F, Arhatari B, Wiesauer K, Leiss E, Stifter D. An investigation of the accelerated thermal degradation of different epoxy resin composites using X-ray microcomputed tomography and optical coherence tomography. *Polymer Degradation and Stability* 2009; 94: 1814–1824
25. Sabuncu M, Özdemir H. Recognition of Fabric Weave Patterns Using Optical Coherence Tomography. *The Journal of the Textile Institute* 2016; (11): 1406–1411.
26. Schmitt JM. Optical coherence tomography (OCT): a review. *Selected Topics in Quantum Electronics. IEEE Journal of Selected Topics in Quantum Electronics* 1999; (4): 1205–1215.
27. Sabuncu M, Özdemir H, Akdogan M. Automatic Identification of Weave Patterns of Checked and Colored Fabrics Using Optical Coherence Tomography. *IEEE Photonics Journal* 2017; (5): 6900708.
28. Polipowski M, Więcek P, Więcek B, Jasińska I. Study on Woven Fabric Structure Using 3D Computer Image Analysis for In-Depth Identification of Thread Channels. *FIBRES & TEXTILES in Eastern Europe* 2015; 23, 2(110): 33-39.
29. Pan R, Zhang J, Li Z, Gao W, Xu B, Li W. Applying Image Analysis for Automatic Density Measurement of High-tightness Woven Fabrics. *FIBRES & TEXTILES in Eastern Europe* 2016; 24, 2(116): 66-72. DOI: 10.5604/12303666.1191429
30. Ezazshahabi N, Tehran MA, Latifi M, Madanipour K. Surface Roughness Assessment of Woven Fabrics Using Fringe Projection Moiré Techniques. *FIBRES & TEXTILES in Eastern Europe* 2015; 23, 3(111): 76-84. DOI: 10.5604/12303666.1152508