

## References

1. Wrocławski Z. The vibration beat up of the weft. *Fibres & Textiles in Eastern Europe* 1997; 5, 4(19): 78-80.
2. Rukuižienė Ž, Milašius R. Influence of Reed on Fabric Inequality in Width. *Fibres & Textiles in Eastern Europe* 2006; 14, 4 (58): 44–47.
3. Danielczyk P, Stadnicki J. Optimisation of Selected Components of a Roller Carding Machine in the Aspect of Improving their Cooperation Quality. *Fibres & Textiles in Eastern Europe* 2015; 23, 6(114): 159-165. DOI: 10.5604/12303666.1167436
4. ANSYS Help System, 2008
5. Daunys M, Sabaliauskas A. Influence of surface hardening on low cycle tension-compression and bending durability in stress concentration zones. *Mechanika* 2007; 1(63): 11-20.
6. Shih Y, Mohamed M H, Bullerwell A C, Dao D. Analysis of Beat-up Force During Weaving. *Textile Research Journal* 2009; 1, 79: 154-165.
7. Kim H K, Chun D H, Kim J H. A Study on Correlation between Warp Tension and Weaving condition. *Fibers And Polymers* 2013; 14, 12: 2185-2190. DOI 10.1007/s12221-013-2185-x
8. Katunskis J. Theoretical and Experimental Beat-up Investigation. *Fibres & Textiles in Eastern Europe* 2004; 12, 3(47): 24-28.
9. Kuchar M. Comparative study on the conditions of thickening woven fabrics with a vibrating reed. *Tekstil Ve Konfeksiyon* 2015; 25(2):155-159
10. Nosek S. The dynamics of fabric forming on the loom at high weaving rates". *Indian Journal Of Fibre & Textile Research* 1994. Vol. 19: 125-138
11. Romaszko M, Sapiński B, Sioma A. Forced vibrations analysis of a cantilever beam using the vision method *Journal Of Theoretical And Applied Mechanics* 2015; 53, 1, 243-254 DOI: 10.15632/jtam-pl.53.1.243
12. Andreaus U., Casini P., Vestroni F. Non-linear dynamics of a cracked cantilever beam under harmonic excitation. *International Journal Of Non-Linear Mechanics* 2007; 42, 566-575.
13. Tekili S., Khadri Y., Merzoug B. Finite element analysis of free vibration of beams with composite coats. *Mechanika* 2015; 21(4): 290 – 295  
<http://dx.doi.org/10.5755/j01.mech.21.3.9849>
14. Rodrigues F, et al. Finite Element Modelling of Steel Beams with Web Openings. *Engineering*, 2014; 6, 886-913.<http://dx.doi.org/10.4236/eng.2014.613082>
15. Joshi R R, Naik V R. Vibration analysis of critical components of plain weaving machine. *International Journal of Innovative Research in Science, Engineering and Technology* 2013; 2, 6.
16. Kilikevičius A, Kasparaitis A, Lazdinas R, Kilikevičienė K.. Kinematic and dynamic\_errors during the measurement of linear displacements using the angle transducers *Mechanika* 2016; 22(3): 212-216.  
<http://dx.doi.org/10.5755/j01.mech.22.3.14180>
17. Arafat H N. Nonlinear Response of Cantilever Beams. PhD Thesis, Faculty of the Virginia Polytechnic Institute and State University Blacksburg, Virginia 1999.
18. Ozdemir T, Eruslu S O. Finite element modelling of crackable connecting rods at fracture splitting process. *Mechanika* 2015; 21(2): 85-90.  
<http://dx.doi.org/10.5755/j01.mech.21.2.7748>
19. Saravacos B. The elastic stability of a thin cantilever beam under an articulated tip force. *International Journal of Mechanical Sciences* 1974; 16: 573-584.  
DOI:10.1016/0020-7403(74)90023-x

20. Kuchar M., Siczek K. Simulation of a vibrating reed exciter for thickening fabrics in the weaving loom. *Mechanika* 2016; 22(5): 410-415.  
<http://dx.doi.org/10.5755/j01.mech.22.5.13360>