

## References

1. Burczyński T. Metoda elementów brzegowych w mechanice. Wspomaganie komputerowe CAD - CAM, WNT, Warszawa 1995
2. Brebbia C A, Dominguez J. *Boundary elements. An introductory course*; Computational Mechanics Publications, Southampton 1992
3. Burczyński T. Metoda elementów brzegowych w wybranych zagadnieniach analizy i optymalizacji układów mechanicznych;
4. Drewniak J and Rysiński J. Evaluation of fatigue life of cylindrical geared wheels. *Solid State Phenomena* 2013;199: 93-98.
5. Drewniak J and Rysiński J. Fatigue life and reliability of power engineering machines and their elements. *Energetyka* 2013; (107): 12, 9-16.
6. Drewniak J, Rysiński J and Praszkiewicz M. Analysis of fatigue life and dynamics of gear train by boundary element method. *Mechanik* 2013; 12: 1-8.
7. Jackowski T, Cyniak D and Czekalski J. Wpływ wybranych parametrów decydujących o jakości formowanych przedz. *Przegląd Włókienniczy + Technik Włókienniczy* 2006; (2): 53-57.
8. Jaśkiewicz Z and Wąsiewicz A. *Przekładnie walcowe cz.1*, WKiŁ, Warszawa, 1992
9. Jaśkiewicz Z and Wąsiewicz A. *Przekładnie walcowe cz.2*, WKiŁ, Warszawa, 1995
10. Rysiński J and Wróbel I. Diagnostics of machine parts by means of reverse engineering procedures. *Advances in Mechanical Engineering* 2015; 7(5):1–9.  
DOI: 10.1177/1687814015584543
11. Rysiński J, Drobina R and Tomaszewski J. Probability of the Critical Length of a Fatigue Crack Occurring at the Tooth Foot of Cylindrical Geared Wheels of the Drive System of a Fiomax 2000 Ring Spinner. *Fibres and Textiles in Eastern Europe* 2017; 25, 1(121): 134-144. DOI: 10.5604/12303666.1227895
12. Rysiński J and Sidzina M. Insitu diagnostic investigations of gear parameters with use of industrial automation installations and http protocol. *Measurement Automation Monitoring* 2012; 58, 11: 950-952.
13. Tomaszewski J and Rysiński J. Diagnostics of gears and compressors by means of advanced automatic system. *Acta Mechanica et Automatica* 2015; 9, 1: 19-22, DOI: 10.1515/ama-2015-0004
14. Tomaszewski J and Rysiński J. The concept of vibro-acoustic symptohoms for diagnosis of fatigue cracks in gears. *Acta Mechanica Slovaca* 2005;9, 3-B: 193-202.

15. ISO 6336-1:2006. Calculation of load capacity of spur and helical gears. Part 1: Basic principles, introduction and general influence factors.
16. Wang Q and Zhang Y. A model for analyzing stiffness and stress in a helical gear pair with tooth profile errors. *Journal of Vibration and Control* 1–18. DOI: 10.1177/1077546315576828
17. FIOMAX 2000 – Technical specification
18. USTER TESTER 6 - The Total Testing Center™ - brochure
19. Lewandowski S, Drobina R and Józkowicz I. Comparative Analysis of the Ring Spinning Process, Both Classic and Compact: Theoretical Reflections. Part I: Elaboration of the Statistical Model Based on Multiple Regression. *Fibers and Textiles in Eastern Europe* 2010; 18, 4(81): 20-24.
20. Józkowicz I, Drobina R and Lewandowski S. Comparative analysis of the ring spinning process, both classic and compact: Part II: The Verification of Created Models. *Fibres and Textiles in Eastern Europe* 2010; 18, 5(82): 28-34.