

- [1] Zwierczyk, Péter T ; Váradi, Károly: Thermal Stress Analysis of a Railway Wheel in Sliding-Rolling Motion. JOURNAL OF TRIBOLOGY-TRANSACTIONS OF THE ASME 136 : 3 Paper: 031401 , 8 p. (2014)
- [2] Zwierczyk, P. ; Váradi, K.:Frictional contact FE analysis in a railway wheel-rail contact
PERIODICA POLYTECHNICA-MECHANICAL ENGINEERING 58 : 2 pp. 93-99. , 7 p. (2014)
- [3] Zwierczyk, P ; Váradi, K.:Thermal analysis of a railway wheel-rail connection in sliding/rolling motion. In: I., Horváth; Z., Rusák (szerk.) Proceedings of the Tenth International Symposium on Tools and Methods of Competitive Engineering : TMCE 2014, May 19-23, Budapest, Hungary, Delft, Hollandia : Delft University of Technology, (2014) pp. 1405-1412. , 8 p.
- [4] Zwierczyk, Péter T ; Váradi, Károly: FE MODELLING OF A COUPLED THERMAL-ELASTIC-PLASTIC ANALYSIS IN A RAIL-WHEEL CONTACT. JOURNAL OF COMPUTATIONAL AND APPLIED MECHANICS 11 : 1 pp. 67-76. (2016)
- [5] Peter, T. Zwierczyk ; Károly, Váradi: Coupled thermal and stress analyses of a railway wheel-rail connection during intensive sliding-rolling braking. In: Anon (szerk.) 13th World Congress on Computational Mechanics : 2nd Pan American Congress on Computational Mechanics. New York, Amerikai Egyesült Államok (2018) Paper: 2020322 , 1 p.
- [6] Zwierczyk, Péter T ; Váradi, K.: Complex FE analysis of a railway wheel-rail connection
In: Giorgio, Zavarise; Peter, Wriggers (szerk.) Proceedings of the V International Conference on Computational Contact Mechanics. Lecce, Olaszország (2017) Paper: ZP_VK , 2 p.
- [7] Zwierczyk, Péter T ; Váradi, Károly: Thermal and stress analyses of a railway wheel-rail connection during intensive sliding-rolling braking. In: The 12th World Congress on Computational Mechanics & The 6th Asia-Pacific Congress on Computational Mechanics. Seoul, Dél-Korea (2016) Paper: 151734 , 1 p.
- [8] Zwierczyk, P ; Váradi, K.: Coupled thermal elastic-plastic analysis of a railway wheel under intensive braking process pp. 1-1. In: Bertram, A; Besson, J; Curtin, B; Forest, S; Geers, M; Pandolfi, A; Pardoan, T; Runesson, K; Steinman, P; Svendsen, B (szerk.) European Mechanics of Materials Conference EMMC14, (2014)
- [9] Zwierczyk, P ; Váradi, K.: Thermal and contact FE analysis of a railway wheel in sliding-rolling motion. In: Anon (szerk.) 11th World Congress on Computational Mechanics (WCCM XI), (2014) pp. 1-2. , 2 p.