

***Наукові публікації у виданнях, які індексуються базами даних Scopus та Web of Science:***

1. Shepelenko, I., Nemyrovskiy, Y., Stepchyn, Y., Mahopets, S., Melnyk, O.: Creation of a Combined Technology for Processing Parts Based on the Application of an Antifriction Coating and Deforming Broaching. *Advanced Manufacturing Processes V. InterPartner 2023. Lecture Notes in Mechanical Engineering*. Springer, Cham, 2023. P. 209-218. [https://doi.org/10.1007/978-3-031-42778-7\\_19](https://doi.org/10.1007/978-3-031-42778-7_19)
2. Shepelenko, I., Nemyrovskiy, Y., Mahopets, S., Lizunkov, O., Osin, R.: Features of deformation mechanics in the deformation zone during deforming broaching of cast iron workpieces. *Advanced Manufacturing Processes IV. InterPartner 2022. Lecture Notes in Mechanical Engineering*. Springer, Cham, 2022. P. 211-221. [https://doi.org/10.1007/978-3-031-16651-8\\_20](https://doi.org/10.1007/978-3-031-16651-8_20)
3. Shepelenko, I., Tsekhanov, Y., Nemyrovskiy, Y., Gutsul, V., Mahopets, S.: Compression Mechanics of Cylindrical Samples with Radial Deformation Limitation. *Advances in Design, Simulation and Manufacturing IV. DSMIE 2021. Lecture Notes in Mechanical Engineering*. Springer, Cham, 2021. p. 53-62. [https://doi.org/10.1007/978-3-030-77823-1\\_6](https://doi.org/10.1007/978-3-030-77823-1_6)
4. Shepelenko, I., Nemyrovskiy, Y., Tsekhanov, Y., Mahopets, S., Bevz O.: Peculiarities of Interaction of Micro-roughnesses of Contacting Surfaces at FANT. In: Ivanov V., Trojanowska J., Pavlenko I., Zajac J., Peraković D. (eds) *Advances in Design, Simulation and Manufacturing III. DSMIE 2020. Lecture Notes in Mechanical Engineering*. Springer, Cham (2020), p. 452-461. [https://doi.org/10.1007/978-3-030-50794-7\\_44](https://doi.org/10.1007/978-3-030-50794-7_44)
5. KULESHKOV Yuriy, CHERNOVOL Mikhailo, MAHOPETS Sergii, BEVZ Oleh, VORONTSOV Borys, KYRYCHENKO Iryna, PROTASOV Roman. SIMULATION OF THE INSTANT SUPPLY IN GEAR HYDRAULIC MACHINES, *Journal of Mechanical Engineering - Strojnicky časopis*, 2023, Volume 73, No.1 DOI: 10.2478/scjme-2023-0010, pp. 125-136. <https://sciendo.com/es/article/10.2478/scjme-2023-0010?tab=vista-previa-del-pdf>
6. Shepelenko, I., Nemyrovskiy, Y., Stepchyn, Y., Mahopets, S., Melnyk, O. (2024). Creation of a Combined Technology for Processing Parts Based on the Application of an Antifriction Coating and Deforming Broaching. In: Tonkonogyi, V., Ivanov, V., Trojanowska, J., Oborskiy, G., Pavlenko, I. (eds) *Advanced Manufacturing Processes V. InterPartner 2023. Lecture Notes in Mechanical Engineering*. Springer, Cham, pp. 209-218. [https://doi.org/10.1007/978-3-031-42778-7\\_19](https://doi.org/10.1007/978-3-031-42778-7_19)