

Výstupy kategórie A

Vedecké monografie vydané v domácich vydavateľstvách

- 1) AAB001 BIGOŠ, Peter - KUBÍN, Karol - KULKA, Jozef - MANTIČ, Martin - BURÁK, Ján - PUŠKÁR, Michal - TANYASI, Ondrej - FALTINOVÁ, Eva: Výpočtové a experimentálne metódy zvyšovania výkonnosti a posudzovania životnosti pohonov a konštrukcií vybraných dopravných zariadení. 1. vyd - Košice : TU - 2010. - 215 s. - ISBN 978-80-553-0522-6.
- 2) AAB002 KULKA, Jozef - MANTIČ, Martin - PUŠKÁR, Michal: Žeriavy mostového typu. 1. vyd. - Košice : TU - 2017. - 220 s.. - ISBN 978-80-553-2908-6.

Autorské osvedčenia, patenty, objavy

- 3) AGJ001 MANTIČ, Martin - KULKA, Jozef - KREŠÁK, Jozef: Hnacia stanica lanového posunovacieho systému. Úžitkový vzor SK 4-2016 U1 - Banská Bystrica : ÚPV SR - 2016. - 5 s..
- 4) AGJ002 FEDORKO, Gabriel - MOLNÁR, Vieroslav - MICHALIK, Peter - KULKA, Jozef - MANTIČ, Martin: Valčeková stolica na meranie normálových kontaktných síl pásového dopravníka. Úžitkový vzor č. 7773 - Banská Bystrica : ÚPV SR - 2017. - 4 s.. Spôsob prístupu: <https://wbr.indprop.gov.sk/WebRegistre/UzitkovyVzor/Detail/87-2016>.

Vedecké práce evidované v databázach WoS, Scopus a CC

CC

- 5) ADC001 BIGOŠ, Peter - KULKA, Jozef - MANTIČ, Martin - ČURILLA, Jaroslav: Vplyv chemicko-technologického procesu na namáhanie oceľového plášťa vysokej pece. In: *Chemické listy*. Vol. 105, no. S (2011), p. 641-644. - ISSN 0009-2770. **V databáze: WOS, SCOPUS IF 0,453 – 2012**
- 6) ADC002 KULKA, Jozef - MANTIČ, Martin - FEDORKO, Gabriel - MOLNÁR, Vieroslav: Analysis of crane track degradation due to operation. In: *Engineering Failure Analysis*. Vol. 59 (2016), p. 384-395. - ISSN 1350-6307 Spôsob prístupu: <http://www.sciencedirect.com/science/article/pii/S135063071530128X>. **V databáze: WOS, SCOPUS IF 0,957 – 2016 Q2**
- 7) ADC003 KULKA, Jozef - MANTIČ, Martin - FEDORKO, Gabriel - MOLNÁR, Vieroslav: Failure analysis of increased rail wear of 200 tons foundry crane track. In: *Engineering Failure Analysis*. Vol. 67 (2016), p. 1-14. - ISSN 1350-6307. **V databáze: WOS, SCOPUS IF 0,957 – 2016 Q2**
- 8) ADC004 FABIAN, Michal - PUŠKÁR, Michal - KOPAS, Melichar - KULKA, Jozef - BOSLAI, Róbert - GURBAL, Ladislav - MASARYK, Michal - SLOBODA, Oskár - BLIŠŤAN, Peter: Principles of car body digitisation based on geometry extracted from views in 2D drawing documentation. In: *International Journal of Vehicle Design*. Vol. 74, no. 1 (2017), p. 62-79. - ISSN 0143-3369. **V databáze: WOS, SCOPUS IF 0,652 2017**

- 9) ADC005 KULKA, Jozef - MANTIČ, Martin - FALTINOVÁ, Eva - MOLNÁR, Vierošlav - FEDORKO, Gabriel: Failure analysis of the foundry crane to increase its working parameters. In: *Engineering Failure Analysis*. No. 88 (2018), p. 25-34. - ISSN 1350-6307 Spôsob prístupu: <https://doi.org/10.1016/j.engfailanal.2018.02.020>.
V databáze: WOS, SCOPUS IF 2,203 – 2018 Q2
- 10) ADM001 BIGOŠ, Peter - KULKA, Jozef - MANTIČ, Martin - ČURILLA, Jaroslav: Continual measuring of local stress values on shell of the blast furnace hearth and of total shell expansion. In: *Metalurgija*. Vol. 51, no. 1 (2012), p. 55-58. - ISSN 0543-5846.
V databáze: WOS, SCOPUS IF 0,69 - 2012

Výstupy kategórie B (5 najvýznamnejších)

Vedecké práce evidované v databázach WoS, Scopus a CC

- 1) ADC006 GREGA, Robert - HOMIŠIN, Jaroslav - PUŠKÁR, Michal - KULKA, Jozef) - PETRÓCI, Ján - KONEČNÝ, Branislav - KRŠÁK, Branislav: The chances for reduction of vibrations in mechanical system with low-emission ships combustion engines. In: *International Journal of Maritime Engineering*. Vol. 157, no. A4 (2015), p. 235-240. - ISSN 1479-8751. **V databáze: SCOPUS IF 0,378 – 2015**
- 2) ADM002 BIGOŠ, Peter - KULKA, Jozef - MANTIČ, Martin - KOPAS, Melichar: Comparison of local stress values obtained by two measuring methods on blast furnace shell. In: *Metalurgija*. Vol. 54, no. 1 (2015), p. 101-104. - ISSN 0543-5846. **V databáze: WOS, SCOPUS IF 0,348 – 2015**
- 3) ADM009 KULKA, Jozef - MANTIČ, Martin - KOPAS, Melichar - FALTINOVÁ, Eva - KACHMAN, Daniel: Heuristic optimization approach to selecting a transport connection in city public transport. In: *Open Engineering*. Vol. 7, no. 1 (2017), p. 1-5. - ISSN 2391-5439 Spôsob prístupu: <https://doi.org/10.1515/eng-2017-0001>. **V databáze: WOS, SCOPUS IF 0,211 – 2018**
- 4) ADM007 MANTIČ, Martin - KULKA, Jozef - FALTINOVÁ, Eva - KOPAS, Melichar: Autonomous online system for evaluating steel structure durability. In: *Diagnostyka*. Vol. 17, no. 3 (2016), p. 15-20. - ISSN 1641-6414. **V databáze: SCOPUS IF 0,242 – 2018**

Vysokoškolské učebnice vydané v domácich vydavateľstvách

- 5) ACB002 BIGOŠ, Peter - KULKA, Jozef - KOPAS, Melichar - MANTIČ, Martin: Teória a stavba zdvíhacích a dopravných zariadení. 1. vyd - Košice : TU, SjF - 2012. - 356 s. [CD-ROM]. - ISBN 978-80-553-1187-6.

OHLASY NA VEDECKO-VÝSKUMNÚ ČINNOSŤ

Citácie spolu 121, z toho: SCOPUS 18, WOS 33, WOS+SCOPUS 13, zahraničné 53, domáce 4

AAB BIGOŠ, Peter - KUBÍN, Karol - KULKA, Jozef - MANTIČ, Martin - BURÁK, Ján - PUŠKÁR, Michal - TANYASI, Ondrej - FALTINOVÁ, Eva: Výpočtové a experimentálne metódy zvyšovania výkonnosti a posudzovania životnosti pohonov a konštrukcií vybraných dopravných zariadení. 1. vyd - Košice : TU - 2010. - 215 s. - ISBN 978-80-553-0522-6.

Ohlasy:

1. [1] BULKO, B., MOLNÁR, M, DEMETER, P. Physical modeling of different configurations of a tundish for casting grades of steel that must satisfy stringent requirements on quality In: Metallurgist Vol. 57, no. 11-12 (2014), p. 976-980 ISSN: 1573-8892
2. [1] BARTA, D., MRUZEK, M. Non-conventional drive and its possibilities of using in road vehicles of public transport In: OPT-i 2014 - 1st International Conference on Engineering and Applied Sciences Optimization, Proceedings : Kos Island, Greece, 4-6 June 2014 P. 2049-2061 ISBN: 978-960999946-5
3. [1] AMBRIŠKO, Ľ. et al. Belt damage aspect to impact loading In: Applied Mechanics and Materials : VVaPOL 2014 : Podbanské, September 23-26, 2014 Vol. 683 (2014), p. 102-107 ISSN: 1660-9336
4. [3] IZRAEL, Gregor, GULAN, Ladislav Využitie tenzometrie v oblasti mobilných pracovných strojov In: 41. mezinárodní konference kateder dopravných, manipulačných, stavebných a zemědělských stroju : Harrachov, 2015 P. 66-71 ISBN: 978-80-7494-196-2

ACB BIGOŠ, Peter - KULKA, Jozef - KOPAS, Melichar - MANTIČ, Martin: Teória a stavba zdvíhacích a dopravných zariadení. 1. vyd - Košice : TU, Sjf - 2012. - 356 s. [CD-ROM]. - ISBN 978-80-553-1187-6.

Ohlasy:

1. [1] FEDORKO, G. et al. Failure analysis of irreversible changes in the construction of rubber–textile conveyor belt damaged by sharp-edge material impact In: Engineering Failure Analysis Vol. 39 (2014), p. 135-148 ISSN: 1350-6307

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Ohlasy:

1. [3] GLATZ, Metod: Rektifikácia stožiaru elektrického vedenia. In: 41. mezinárodní konference kateder dopravných, manipulačných, stavebných a zemědělských stroju : Harrachov, 2015 P. 6-11 ISBN: 978-80-7494-196-2.
2. [3] MOŤOVSKÝ, Michal, GULAN, Ladislav , GLATZ, Metod: Metodika optimalizácie inovovanej kinematiky nakladača. In: 41. mezinárodní konference kateder dopravných, manipulačných, stavebných a zemědělských stroju : Harrachov, 2015 P. 78-83 ISBN: 978-80-7494-196-2.

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PETRÓCI, Ján - KONEČNÝ, Branislav - KRŠÁK, Branislav: The chances for reduction of vibrations in mechanical system with low-emission ships combustion engines. In: *International Journal of Maritime Engineering*. Vol. 157, no. A4 (2015), p. 235-240. - ISSN 1479-8751. **V databáze: SCOPUS**

Ohlasy:

1. [3] DREWNIAK, Józef - RYSIŃSKI, Jacek Derived equations for damage accumulation in geared wheels based on modified laws of crack propagation. In: *Zeszyty Naukowe Politechniki Slaskiej* Vol. 91 (2016), p. 19-30 ISSN: 0209-3324.
2. [3] KOHL, Ondrej - PESIK, Lubomir Evaluation of a drivers' seats dynamic properties. In: *Zeszyty Naukowe Politechniki Slaskiej* Vol. 91 (2016), p. 59-69 ISSN: 0209-3324
3. [1] JAKUBOVICOVA, Lenka et al. Engineering design of a test device. In: *MMS 2016 : 21. Polish-Slovak scientific conference : Book series: Procedia Engineering volume 177: Hucisko, September 06-08, 2006* P. 520-525 ISSN: 1877-7058.
4. [1] KOPAS, P.- SAGA, M.- BANIARI, V.- VASKO, M.- HANDRIK, M.: A Plastic Strain and Stress Analysis of Bending and Torsion Fatigue Specimens in the Low-cycle Fatigue Region Using the Finite Element Methods. In: *Procedia Engineering, 2017, Vol. 177, p. 526-531, ISSN 1877-7058, Registrované v: SCOPUS*
5. [1] HANDRIK, M.- KOPAS, P.- BANIARI, V.- VASKO, M.- SAGA, M.: Analysis of Stress and Strain of Fatigue Specimens Localised in the Cross-sectional Area of the Gauge Section Testing on Bi-axial Fatigue Machine Loaded in the High-cycle Fatigue Region. In: *Procedia Engineering, 2017, Vol. 177, p. 516-519, ISSN 1877-7058, Registrované v: SCOPUS*
6. [1] SAPIETOVA, A.- BUKOVAN, J.- SAPIETA, M.- JAKUBOVICOVA, L.: Analysis and Implementation of Input Load Effects on an Air Compressor Piston in MSC.ADAMS. In: *Procedia Engineering, 2017, Vol. 177, p. 554-561, ISSN 1877-7058, Registrované v: SCOPUS*
7. [1] JAKUBOVIČOVÁ, L.- FTOREK, B.- BANIARI, V.- (...) - POTOČEK, T.- VAŠKO, M.: Engineering Design of a Test Device. In: *Procedia Engineering, 2017, Vol. 177, p. 520-525, ISSN 1877-7058, Registrované v: SCOPUS*

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KULKA, Jozef - MANTICĀ, Martin - FEDORKO, Gabriel - MOLNÁR, Vieroslav: Analysis of crane track degradation due to operation. In: *Engineering Failure Analysis*. Vol. 59 (2016), p. 384-395. - ISSN 1350-6307
Spôsob prístupu:

<http://www.sciencedirect.com/science/article/pii/S135063071530128X>.

V databáze: WOS, SCOPUS

Ohlasy:

1. [1] XIN, Yunsheng - XU, Gening - SU, Nina Dynamic optimization design of cranes based on human-crane-rail system dynamics and annoyance rate. In: *Shock and Vibration* (2017), art. no. 8376058 ISSN: 1070-9622. **Registrované v: WOS, SCOPUS**
2. [1] BUSA, Jan et al. An algorithm of a freeform surfaces measurement adjustment using a specification of the workpiece coordinate system location. In: *Advances in Science and Technology Research Journal* Vol., 11, no. 3 (2017), p. 223-232 ISSN: 2299-8624. **Registrované v: WOS**

3. [1] SMIRNOV, Vitalii A. - REPKO, Aleksandr V. Workpiece temperature variations during flat peripheral grinding. In: Management Systems in Production Engineering Vol. 26, no. 2 (2018), p. 93-98 ISSN: 2299-0461. **Registrované v: WOS, SCOPUS**
4. [1] DONG, Q., XU, G., XIN, Y. Fatigue residual life prediction of casting crane under track defect model. In: Journal of Advanced Mechanical Design, Systems, and Manufacturing Vol. 12, no. 4 (2018), article no. 2018jamdsm0092 ISSN: 1881-3054. **Registrované v: SCOPUS, WOS**
5. [3] STROHMANDL, Jan et al. The use of the FMEA method for the evaluation of failures in crawler cranes. In: MATEC Web of Conferences : Research, Production and Use of Steel Ropes, Conveyors and Hoisting Machines : Podbanské, 18-21 September, 2018 Vol. 263 (2019), p. 1-9 ISSN: 2261-236X.
6. [3] HRABOVSKÝ, Leopold, JANEK, Václav Determination of mining equipment motion resistance. In: MATEC Web of Conferences : Research, Production and Use of Steel Ropes, Conveyors and Hoisting Machines : Podbanské, 18-21 September, 2018 Vol. 263 (2019), p. 1-12 ISSN: 2261-236X.
7. [3] ŠIROKÝ, Jaromír Portal cranes with Tandem spreaders and their economic benefits. In: MATEC Web of Conferences : Research, Production and Use of Steel Ropes, Conveyors and Hoisting Machines : Podbanské, 18-21 September, 2018 Vol. 263 (2019), p. 1-12 ISSN: 2261-236X.
8. [1] HAFID, Abdul et al. Analysis and Design of Crane Beam of Experimental Power Plant Turbine Building. In: SENTEN 2018 : Symposium of Emerging Nuclear Technology and Engineering Novelty : IOP Conf. Series: Journal of Physics: Conf. Series 1198 : Palembang. 4-5 July 2018 DOI: 10.1088/1742-6596/1198/8/082031 (2019) ISSN: 1742-6588. **Registrované v: WOS, SCOPUS**
9. [1] TIRPAK, Peter- MICHALIK, Peter- DOBRANSKY, Jozef: Intelligent programming of robotic flange production by means of CAM programming. In: OPEN ENGINEERING, Vol. 9, Issue: 1, Pages: 571-579, 2019, ISSN 2391-5439. **Registrované v: WOS, SCOPUS**
10. [1] MICHALIK, Peter et al.: The proposal of the test equipment for analysis of the covering layers of the conveyor belt. In: International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 2017(13), p. 925-932, ISSN 1314-2704, **Registrované v: SCOPUS**

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KULKA, Jozef - MANTIČ, Martin - FEDORKO, Gabriel - MOLNÁR, Vierošlav: Failure analysis of increased rail wear of 200 tons foundry crane track. In: *Engineering Failure Analysis*. Vol. 67 (2016), p. 1-14. - ISSN 1350-6307.

V databáze: WOS, SCOPUS.

Ohlasy:

1. [1] XIN, Yunsheng - XU, Gening SU, Nina: Dynamic optimization design of cranes based on human-crane-rail system dynamics and annoyance rate. In: Shock and Vibration (2017), art. no. 8376058 ISSN: 1070-9622. **Registrované v: WOS, SCOPUS**
2. [1] NIROOMAND, Mahyar et al. Pull-out analysis of laser modified polyamide tire cords through rubber matrix. In: Engineering Failure Analysis

Vol. 80 (2017), p. 431-443 ISSN: 1350-6307.

3. [1] ZELIĆ, A. - ZUBER, N. - ŠOSTAKOV, R. Experimental determination of lateral forces caused by bridge crane skewing during travelling. In: *Eksploatacja i Niezawodność* Vol. 20, no. 1 (2018), p. 90-99 ISSN: 1507-2711. **Registrované v: SCOPUS, WOS**
4. [1] DONG, Q., XU, G., XIN, Y. Fatigue residual life prediction of casting crane under track defect model. In: *Journal of Advanced Mechanical Design, Systems, and Manufacturing* Vol. 12, no. 4 (2018), article no. 2018jamdsm0092 ISSN: 1881-3054. **Registrované v: SCOPUS, WOS**
5. [3] STROHMANDL, Jan et al. The use of the FMEA method for the evaluation of failures in crawler cranes. In: *MATEC Web of Conferences*, volume 263 : VVaPOL 2018 : Research, Production and Use of Steel Ropes, Conveyors and Hoisting Machines : Podbanské, 18-21 September, 2018 Art. no. 01004 ISSN: 2261-236X.
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7. [1] LAN, Qingqun - DHANASEKAR, Manicka - HANDOKO, Yanendar Aryo Wear damage of out-of-round wheels in rail wagons under braking. In: *Engineering Failure Analysis* Vol. 102 (2019), p. 170-186 ISSN: 1350-6307. **Registrované v: WOS, SCOPUS**
8. [1] XIE, Q.- WEN, H.- WANG, Q.: Research and reliability analysis of double bridge crane control system. In: *International Journal of Mechatronics and Applied Mechanics* 2018(4), p. 188-195, ISSN 2559-6497, **Registrované v: SCOPUS.**

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FABIAN, Michal - PUŠKÁR, Michal - KOPAS, Melichar - KULKA, Jozef - BOSLAI, Róbert - GURBAĽ, Ladislav - MASARYK, Michal - SLOBODA, Oskár - BLIŠŤAN, Peter: Principles of car body digitisation based on geometry extracted from views in 2D drawing documentation. In: *International Journal of Vehicle Design*. Vol. 74, no. 1 (2017), p. 62-79. - ISSN 0143-3369. **V databáze: WOS, SCOPUS.**

Ohlasy:

1. [1] SZALA, Grzegorz - FAJTANOWSKI, Romuald - GRYGORKIEWICZ, Piotr Analysis of design concepts on the basis of selected designs for two-wheeled vehicles In: *Scientific Journal Of Silesian University Of Technology-Series Transport* Vol. 98 (2018), p. 149-159 ISSN: 0209-3324. **Registrované v: WOS**

ADC

KULKA, Jozef - MANTIČ, Martin - FALTINOVÁ, Eva - MOLNÁR, Vierošlav - FEDORKO, Gabriel: Failure analysis of the foundry crane to increase its working parameters. In: *Engineering Failure Analysis*. No. 88 (2018), p. 25-34. - ISSN 1350-6307 Spôsob prístupu: <https://doi.org/10.1016/j.engfailanal.2018.02.020>.

V databáze: WOS, SCOPUS.

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1. [1] PETERKA, Pavel - KREŠÁK, Jozef The causes of the damage to the

bearing rope – failure analysis. In: Advances in Science and Technology - Research Journal Vol. 12, no. 2 (2018), p. 231-236 ISSN: 2299-8624.

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2. [1] HLOSTA, Jakub et al. Analysis and Optimization of Material Flow inside the System of Rotary Coolers and Intake Pipeline via Discrete Element Method Modelling. In: Energies Vol. 11, no. 7 (2018), article no. 1849 ISSN: 1996-1073. **Registrované v: WOS, SCOPUS.**
3. [1] PETERKA, Pavel - KRESAK, Jozef - VOJTKO, Marek Experience of the crane steel wire ropes non-destructive tests. In: Advances in Science and Technology Vol. 12, no. 4 (2018), p. 157-163 ISSN: 2299-8624. **Registrované v: WOS**
4. [1] DANESHJO, N.- MARES, A.- PAJERSKA, E.-D.- DANISHJOO, E.: Application of data glove for assembly analysis of selected component. In: MM Science Journal, 2019, p. 2946-2951, ISSN 1803-1269, **Registrované v: SCOPUS.**
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6. [1] XIE, Q.- WEN, H.- WANG, Q.: Research and reliability analysis of double bridge crane control system. In: International Journal of Mechatronics and Applied Mechanics 2018(4), p. 188-195, ISSN 2559-6497, **Registrované v: SCOPUS.**

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MANTIČ, Martin - KULKA, Jozef - KOPAS, Melichar: Measuring of geometrical dispositions for special kind of belt conveyor. In: *Zdvíhací zařízení v teorii a praxi. No. 1 (2013)*, p. 35-38. - ISSN 1802-2812 Spôsob prístupu: http://www.342.vsb.cz/zdvihacizarizeni/ZZvTaP_1-2013.pdf.

Ohlasy:

1. [3] DREWNIAK, Józef, RYSINSKI, Jacek Derived equations for damage accumulation in geared wheels based on modified laws of crack propagation. In: Scientific Journal of Silesian University of Technology. Series Transport Vol. 91 (2016), p. 19-30 ISSN: 0209-3324.

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MÖLLER, Jan - KULKA, Jozef: Medium-sized businesses and logistics under the sign of globalization. In: *Transport & Logistics*. Roč. 12, č. 23 (2012), s. 1-5. - ISSN 1451-107X Spôsob prístupu:

<http://www.sjf.tuke.sk/transportlogistics/?cat=17>.

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1. [3] BOSÁK, Martin, OLEXOVÁ, Cecília Recent environmental trends and innovations in the slovak small and middle enterprises. In: SGEM 2013 : 13th international multidisciplinary scientific geoconference : Ecology, Economics, Education and Legislation : Albena, Bulgaria P. 247-254 ISSN: 1314-2704.
2. [1] KRIŠTANOVÁ, A., STANKOVIČ, L. Application of current methods and techniques in the enterprise, case study. In: ESPM 2015 : International Conference on Engineering Science and Production Management : 16-17 April 2015, Tatranska Strba, Slovakia P. 449-454 ISBN: 978-113802856-2.

- ADM BIGOŠ, Peter - KULKA, Jozef - MANTIČ, Martin - ČURILLA, Jaroslav:
Continual measuring of local stress values on shell of the blast furnace hearth and of total shell expansion. In: *Metalurgija*. Vol. 51, no. 1 (2012), p. 55-58. – ISSN 0543-5846. **V databáze: WOS, SCOPUS.**
- Ohlasy:**
- [3] DONG-HYUN, Kim et al. Early Shell Crack Detection Technique Using Acoustic Emission Energy Parameter Blast Furnaces. In: *Journal of the Korean Society for Nondestructive Testing* Vol. 36, no. 1 (2016), p. 45-52 ISSN: 1225-7842 **Registrované v: WOS**
- ADM BIGOŠ, Peter - KULKA, Jozef - MANTIČ, Martin - KOPAS, Melichar:
Comparison of local stress values obtained by two measuring methods on blast furnace shell. In: *Metalurgija*. Vol. 54, no. 1 (2015), p. 101-104. - ISSN 0543-5846. **V databáze: WOS, SCOPUS.**
- Ohlasy:**
- [1] DREWNIAK, Józef, GARLICKA, Paulina, KOLBER, Aleksandra: Design for a bi-planetary gear train. In: *Scientific Journal of Silesian University of Technology. Series Transport* Vol. 91 (2016), p. 5-17 ISSN: 0209-3324. **Registrované v: WOS**
 - [1] ZIOLA, Artur Verification of road accident simulation created with the use of pc-crash software. In: *Scientific Journal of Silesian University of Technology-Series Transport* Vol. 98 (2018), p. 211-221 ISSN: 0209-3324. **Registrované v: WOS**
 - [1] WIECZOREK, Andrzej N. Analysis of lubrication conditions for angle planetary gearboxes applied in mining scraper conveyors. In: *Scientific Journal of Silesian University of Technology. Series Transport* Vol. 98 (2018), p. 191-199 ISSN: 0209-3324. **Registrované v: WOS**
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- ADM KOPAS, Melichar - KULKA, Jozef - MANTIČ, Martin - FALTINOVÁ, Eva - BIGOŠ, Peter: Increasing durability in steel wire rope installed in special transport equipment. In: *Scientific Journal of Silesian University of Technology. Series Transport*. Vol. 91(2016), p. 71-80. ISSN 0209-3324. **V databáze: WOS.**
- Ohlasy:**
- [1] FEDORKO, Gabriel - NERADILOVÁ, Hana - JACKANIN, Juraj Discrete model simulation of a passenger cable car operation. In: *Advances in Science and Technology - Research Journal* Vol. 12, no. 2 (2018), p. 170-179 ISSN: 2299-8624. **Registrované v: WOS**
- ADM KULKA, Jozef - KOPAS, Melichar - FALTINOVÁ, Eva - MANTIČ, Martin - BIGOŠ, Peter: Kinematic linkages in the hinged undercarriage of a mobile working machine. In: *Scientific Journal of Silesian University of Technology. Series Transport*. Vol. 91 (2016), p. 81-88. - ISSN 0209-3324. **V databáze: WOS.**
- Ohlasy:**
- [1] DANESHJO, Naqib et al. Software Support for Optimizing Layout

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