

### Príloha III. Uznanie vedecko-pedagogickou komunitou

#### a) Citácie v zahraničných recenzovaných časopisoch registrované v citačných indexoch Web of Science a v databáze SCOPUS

Murín, Justín - Aminbaghai, Mehdi - Kutiš, Vladimír - Královič, Viktor - Sedlár, Tibor - Goga, Vladimír - Mang, Herbert: A new 3D Timoshenko finite beam element including non-uniform torsion of open and closed cross sections. In: Engineering Structures. - ISSN 0141-0296. - Vol. 59 (2014), s. 153-160

Citované v:

- 1) Granata, M., F.: Analysis of non-uniform torsion in curved incrementally launched bridges. In: Engineering Structures, 2014, vol. 76, pp. 374-387
- 2) Genoese, A., Genoese, A., Bilotta, A., Garcea, G.: Buckling analysis through a generalized beam model including section distortions. In: Thin-Walled Structures, 2014, vol. 85, pp. 125-141

Goga, Vladimír - Paulech, Juraj - Váry, Michal: Cooling of Electrical Cu Conductor with PVC Insulation - Analytical, Numerical and Fluid Flow Solution. In: Journal of Electrical Engineering. - ISSN 1335-3632. - Vol. 64, No. 2 (2013), s. 92-99

Citované v:

- 1) Šnajdr, J., Sedláček, J., Vostracký, Z.: Application of a line ampacity model and its use in transmission lines operations. In: Journal of Electrical Engineering, 2014, vol. 65, No. 4, pp. 221-227

Váry, Michal - Goga, Vladimír - Paulech, Juraj: Experimental, Analytical and Computational Approaches to Bare Electric Wire Loading Characteristics. In: Electrotehnica, Electronica, Automatica. - ISSN 1582-5175. - Vol. 60, nr. 3 (2012), s. 14-21

Citované v:

- 1) Šnajdr, J., Sedláček, J., Vostracký, Z.: Application of a line ampacity model and its use in transmission lines operations. In: Journal of Electrical Engineering, 2014, vol. 65, No. 4, pp. 221-227

Goga, Vladimír - Klúčik, Marian: Optimization of Vehicle Suspension Parameters with use of Evolutionary Computation. In: Procedia Engineering. - ISSN 1877-7058. - Vol. 48 : Modelling of Mechanical and Mechatronics Systems. 5th International Conference. Zemplínska Šírava, Slovakia, November 6- 8, 2012 (2012), s. 174-179

Citované v:

- 1) Fang, D., G., Wei, G., X., Shi, W., K., Wang, C., X.: Application research of virtual prototype technology in the variable stiffness suspension matching of light bus. In: Applied Mechanics and Materials, 2014, vol. 538, pp.118-121

## **b) Citácie v zahraničných publikáciách neregistrované v citačných indexoch**

Božek, Pavol - Goga, Vladimír - Korshunov, A. I.: Robot Arm control based on INS with the support of simulation in MATLAB/Simulink. In: Vestník Iževského gosudarstvenného technického universiteta. - ISSN 1813-7903. - Vol. 60, No. 4 (2013), s. 20-25

Citované v:

- 1) Stolbov, K. L. - Nikitin, Ju. R.: Model of diagnosing the engines of motor-gearboxes of the roll train 250. In: EQ-2014. - Fourth Forum of Young Researchers : In the framework of International Forum "Education Quality - 2014". Proceedings. April 23, 2014, Izhevsk, Russia. - Izhevsk : Publishing House of Kalashnikov ISTU, 2014. - ISBN 978-5-7526-0649-6, s. 336-339.

Goga, Vladimír - Božek, Pavol: Application of INS to mechatronic systems control and regulation using virtual dynamic models. - registrovaný: Web of Science, Scopus, IEEE. In: Proceedings of the 2013 International Conference on Process Control [elektronický zdroj] : Štrbské Pleso, Slovakia, June 18-21, 2013. - Piscataway : IEEE, 2013. - ISBN 978-80-227-3951-1. - CD-ROM, p.185-189

Citované v:

- 1) Nikitin, A.A. - Abramov, I. V. - Abramov, A. I.: Basics of robot navigation and localization in space based on technical stereo vision. In: EQ-2014. - Fourth Forum of Young Researchers : In the framework of International Forum "Education Quality - 2014". Proceedings. April 23, 2014, Izhevsk, Russia. - Izhevsk : Publishing House of Kalashnikov ISTU, 2014. - ISBN 978-5-7526-0649-6, s. 329-332.
- 2) Stolbov, K. L. - Nikitin, Ju. R.: Model of diagnosing the engines of motor-gearboxes of the roll train 250. In: EQ-2014. - Fourth Forum of Young Researchers : In the framework of International Forum "Education Quality - 2014". Proceedings. April 23, 2014, Izhevsk, Russia. - Izhevsk : Publishing House of Kalashnikov ISTU, 2014. - ISBN 978-5-7526-0649-6, s. 336-339.
- 3) Glukhova, E. M. - Nikitin, Ju. R.: Scientific and technological aspects of servomotors diagnostics. In: EQ-2014. - Fourth Forum of Young Researchers : In the framework of International Forum "Education Quality - 2014". Proceedings. April 23, 2014, Izhevsk, Russia. - Izhevsk : Publishing House of Kalashnikov ISTU, 2014. - ISBN 978-5-7526-0649-6, s. 292-295.
- 4) Papachristos, Christos - Alexis, Kostas - Tzes, Anthony: Technical activities execution with a TiltRotor UAS employing explicit model predictive control. (<http://www.nt.ntnu.no/users/skoge/prost/proceedings/ifac2014/media/files/2692.pdf>) In: IFAC 2014 [elektronický zdroj] : The 19th World congress of the International federation of automatic control, Cape Town, South Africa, 24-29 August 2014. - Claremont : International Federation of Automatic Control, 2014. - S. 11036-11042.

Goga, Vladimír - Klúčik, Marian: Optimization of Vehicle Suspension Parameters with use of Evolutionary Computation. In: Procedia Engineering. - ISSN 1877-7058. - Vol. 48 : Modelling of Mechanical and Mechatronics Systems. 5th International Conference. Zemplínska Šírava, Slovakia, November 6- 8, 2012 (2012), s. 174-179

Citované v:

- 1) Božek, P.: Roboth path optimization for spot welding applications in automotive industry. In: Technical Gazette, 2013, vol. 20, No. 5, ISSN 1848-6339

### **c) Citácie v domácich publikáciách neregistrované v citačných indexoch**

Madarás, Juraj - Ferencey, Viktor - Bugár, Martin - Goga, Vladimír: The Simulation of Starting Torque Impact of an Electric Motor for the Dynamic Behaviour of the Electric Vehicle Transmission Mechanism. In: Strojnícky časopis = Journal of Mechanical engineering. - ISSN 0039-2472. - Roč. 63, č. 2 (2012), s. 83-94

Citované v:

- 1) Matej, Juraj: Simulation of the Engine and Automobile Driveability during a Driving Cycle. (<http://www.posterus.sk/?p=14577>) In: Posterus [elektronický zdroj]. - ISSN 1338-0087. - Roč. 6, č. 2 (2013), online [9] s.

### **d) Členstvo v programových výboroch vedeckých konferencií**

- 1) Internationl Conference on Computational Modelling and Advanced Simulations CMAS 2009
- 2) Elitech 2010
- 3) Elitech 2011
- 4) Elitech 2012
- 5) Elitech 2013
- 6) Elitech 2014

### **e) Členstvo vo výboroch medzinárodných organizácií**

- 1) CEAMC – Central European Association for Computational Mechanics

### **d) Pozvané príspevky na medzinárodných konferenciách**

- 1) Lelák, Jaroslav - Váry, Michal - Paulech, Juraj - Goga, Vladimír: Temperature management of calbes and wire systems. In: DESAM 2014 : Diagnostic of Electrical Machines and Materials. 3rd International Conference. Papradno, Slovak Republic, June 19-20, 2014. - Žilina : University of Žilina, 2014. - ISBN 978-80-554-0888-0. - S. 36-41

## **e) Ocenenia**

- 1) Ocenenie z konferencie Elitech 2008, FEI STU Bratislava
- 2) Ocenenie z konferencie Elitech 2009, FEI STU Bratislava

---

Ing. Vladimír Goga, PhD.