

Impacted Journals

- M. Mojzeš, J. Kukal and H. Lauschmann. A Comparison of Bayesian and Another Approaches in Estimation of Fatigue Crack Growth Rate From 2D Textural Features. *Journal of Theoretical and Applied Mechanics*, Accepted for publication.
- M. Mojzeš and J. Kukal. Competitive Rank Based Discrete Optimization Meta-heuristic with Lévy Flights. *Soft Computing*, Under review.
- M. Mojzeš and J. Kukal. Quantile and Mean Value Measures of Search Process Complexity. *Journal of Combinatorial Optimization*, Under review.

Peer-reviewed Proceedings and Journal Papers

- M. Mojzeš and J. Kukal. Bayesian Study on When to Restart Heuristic Search. *35th international conference, Mathematical Methods in Economics 2017*, Hradec Kralove.
- E. Bolcekova, J. Kukal, S. Ostry, M. Mojzes, V. Q. Tran, P. Kulistak and R. Rusina. Cognitive impairment in isolated cerebellar lesions: A logit model based on neuropsychological testing. *Cerebellum & Ataxias*, Accepted for publication.
- M. Mojzeš, M. Klimt and J. Kukal. Competitive Integer Mutation Search with Lévy Flights. *Journal of Heuristics*, Under review.
- M. Klimt, J. Kukal and Mojzeš, M. Lévy Flights in Binary Optimization. *Archives of Control Sciences*, 2013, vol. 23, no. 4, p. 381-388. ISSN 1230-2384.
- M. Mojzeš, M. Klimt, J. Kukal, I. Bukovský and J. Piteř. Feature Selection via Competitive Lévy Flights. *International Joint Conference on Neural Networks 2016 (IJCNN)*, IEEE, 2016.
- J. Bořtík, M. Klimt, M. Mojzeš, J. Kukal, I. Bukovský and M. Cejnek. V-Shaped Neurons in Hidden Layer of ANN. *International Joint Conference on Neural Networks 2016 (IJCNN)*, IEEE, 2016.
- M. Mojzeš, J. Kukal and V. Q. Tran. Annealing Based Integer Optimization Heuristic with Lévy Flights. *34th international conference, Mathematical Methods in Economics 2016*, Liberec.

- M. Mojzeš, M. Rost, J. Smolka and M. Virius. Application of Statistical Classifiers on Java Source Code. *In Proceedings of the 2015 Federated Conference on Software Development and Object Technologies*, Žilina, 2015, p. 208-218. ISBN 978-3-319-46534-0.
- M. Mojzeš, J. Kukal and V. Q. Tran. Should Politeness Help in Optimization Metaheuristics? *33rd international conference, Mathematical Methods in Economics 2015*, Cheb.
- M. Mojzeš, J. Smolka, M. Rost and M. Virius. Feature space for statistical classification of Java source code patterns. *In Proceedings of the 2014 15th International Carpathian Control Conference (ICCC)*, Ostrava: VŠB, 2014, p. 357-361. ISBN 9781479935284.
- M. Mojzeš, J. Kukal and M. Klimt. Markovian Simulation as Turnament of Three Time Complexity Measures. *MENDEL 2013*, Brno: Brno University of Technology, Faculty of Mechanical Engineering, 2013, p. 179-184. ISSN 1803-3814. ISBN 978-80-214-4755-4.
- M. Mojzeš, M. Rost, J. Smolka and M. Virius. Tool for statistical Classification of Java Projects. *In Proceedings of the 2013 Federated Conference on Software Development and Object Technologies*, Praha: Vysoká škola manažerské informatiky a ekonomiky, a.s., 2013, p. 149-156. ISBN 978-80-86847-66-5.
- M. Mojzeš, J. Kukal and H. Lauschmann. Sub-Model Testing in Fractographic Analysis. *MENDEL 2012*, Brno: Brno University of Technology, Faculty of Mechanical Engineering, 2012, p. 350-355. ISSN 1803-3814. ISBN 978-80-214-4540-6.
- J. Kukal, M. Mojzeš, V. Q. Tran and J. Boštík. Integer Cuckoo Search. *MENDEL 2012*, Brno: Brno University of Technology, Faculty of Mechanical Engineering, 2012, p. 298-303. ISSN 1803-3814. ISBN 978-80-214-4540-6.
- V. Q. Tran, J. Kukal, M. Mojzeš, E. Bolceková and R. Rusina. Optimum Binary Response Sub-Model in Cerebellum Analysis. *MENDEL 2012*, Brno: Brno University of Technology, Faculty of Mechanical Engineering, 2012, p. 470-475. ISSN 1803-3814. ISBN 978-80-214-4540-6.
- M. Mojzeš, J. Kukal, V. Q. Tran and J. Jablonský. Performance Comparison of Heuristic Algorithms via Multi-Criteria Decision Making. *MENDEL 2011*,

Brno: Brno University of Technology, Faculty of Mechanical Engineering, 2011, p. 244-251. ISSN 1803-3814. ISBN 978-80-214-4302-0.

- V. Q. Tran, J. Kukal and M. Mojzeš. Multi-Class Logistic Model and Its Pruning. *MENDEL 2011*, Brno: Brno University of Technology, Faculty of Mechanical Engineering, 2011, p. 166-169. ISSN 1803-3814. ISBN 978-80-214-4302-0.

Other publications

- M. Mojzeš and J. Kukal. Heuristic Optimization of Generalized Sub Models. *Workshop on Scientific Computing 2017*, Děčín, Czech Republic
- M. Mojzeš and J. Kukal. Mean Field Lévy Flight as Integer Heuristics. *Workshop on scientific computing 2016*, Děčín, Czech Republic
- M. Mojzeš. Competitive Rank Based Integer Optimization Heuristic with Lévy Flights. *Doktorandské Dny 2016*, Praha: Česká technika - nakladatelství ČVUT, ČVUT v Praze. 2016, pp. 115-122.
- M. Mojzeš. Heuristic Time Complexity Analysis via Markov Chain. *Doktorandské Dny 2013*, Praha: Česká technika - nakladatelství ČVUT. 2013, pp. 173-181. ISBN 978-80-01-05379-9.
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- M. Mojzeš and J. Kukal. Tuning of Heuristics for TSP. *Technical Computing Prague 2011*, Praha: ICT Press, 2011, p. 85-89. ISBN 978-80-7080-794-1.

Supervised Theses

- P. Holík. Fuzzy Logic in Decision Support Systems. Master Thesis at FNSPE CTU Prague, 2016.
- O. Štika. Analysis of Web Application Clickstream Data. Master Thesis at FNSPE CTU Prague, 2015.