

Zoznam najvýznamnejších vedeckých prác

AAB Vedecké monografie vydané v domácich vydavateľstvách

1. Janáček, J., Janáčková, M., Szendreyová, A., Gábrišová, L., Koháni, M., Jánošíková, Ľ. *Navrhovanie územne rozľahlých obslužných systémov*. Žilina : Žilinská univerzita v Žiline/EDIS, 2010. ISBN 978-80-554-0219-2. 404 p. 20,2 AH, podiel 16,67%.
2. Dado, M., Zahradník, J. a kol. *Technológie a služby inteligentnej dopravy*. In Žilina : Žilinská univerzita v Žiline/EDIS, 2007. ISBN 978-80-8070-691-3. p. 378, podiel 2% (menej ako 3 AH).

ABC Kapitoly vo vedeckých monografiách vydaných v zahraničných vydavateľstvách

1. Janáček, J., Jánošíková, Ľ., Buzna, Ľ. Optimized Design of Large-Scale Social Welfare Supporting Systems on Complex Networks. In THAI, M.T. and PARDALOS, M. (editors) *Handbook of Optimization in Complex Networks*. New York : Springer, 2012. ISBN 978-1-4614-0753-9. pp. 337-361, podiel 33%.

ACB Vysokoškolské učebnice vydané v domácich vydavateľstvách

1. Cenek, P., Jánošíková, Ľ. *Models and Optimisation in Transports and Logistics*. Žilina : EDIS, 2008. ISBN 978-80-8070-951-8. 186 p. 13,56 AH, podiel 50%.
2. Jánošíková, Ľ. *Programovanie v jazyku symbolických adries pre 32-bitové procesory Intel*. Žilina : EDIS, 2000. ISBN 80-7100-723-4. 149 p. 10,69 AH.

ADC Vedecké práce v zahraničných karentovaných časopisoch

1. Jánošíková, Ľ., Kavička, A., Bažant, M. Optimal operation scheduling and platform track assignment in a passenger railway station. In *Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit*. ISSN 0954-4097, 2014, vol. 228, no. 3, pp. 271–284, podiel 34%. Impact factor 0,573.

ADE Vedecké práce v ostatných zahraničných časopisoch

1. Jánošíková, Ľ., Koháni, M., Blatoň, M., Teichmann, D. Optimization of the urban line network using a mathematical programming approach. In *International Journal of Sustainable Development and Planning*. ISSN 1743-7601, 2012, Vol. 7, No. 3, pp. 288–301, podiel 25%.
2. Jánošíková, Ľ. Reduction of a hospital network as a multiple criteria optimisation problem. In *Ekonomie a management*. ISSN 1212-3609, 2009, vol. XII, no. 3, pp. 50–57. Citované v databáze Web of Science.
3. Jánošíková, Ľ.: Prostorová analýza trhu obslužných center. In *Ekonomie a management*, 3/2002. pp. 50–55. ISSN 1212-3609.

4. Jánošíková, Ľ.: A Tabu Search Procedure for the Allocation Problem. *Central European Journal for Operations Research and Economics*, Vol 4, No 4, 1996. pp. 305–312. ISSN 1335-1443.

ADF Vedecké práce v ostatných domácich časopisoch

1. Janáček, J., Jánošíková, Ľ. Computability of the emergency service system design problem. In: *Communications : Scientific letters of the University of Žilina*. ISSN 1335-4205, 2008, vol. 10, no. 2, pp. 5–9, podiel 50%.
2. Jánošíková, Ľ. Emergency medical service planning. In: *Communications : Scientific letters of the University of Žilina*. ISSN 1335-4205, 2007, vol. 9, no. 2, pp. 64–68.
3. Janáček, J., Cenek, P., Jánošíková, Ľ., Buzna, Ľ., Bednár, P. The design of optimal transportation system structure. In *Communications : Scientific letters of the University of Žilina*. ISSN 1335-4205, 2003, no. 3, pp. 70-72, podiel 20%.
4. Janáček, J., Jánošíková, Ľ. Higher territorial units and transportation accessibility of their centres. In *Communications : Scientific letters of the University of Žilina*. ISSN 1335-4205, 2002, no. 1-2, pp. 66-72, podiel 50%.
5. Cenek, P., Janáček, J., Jánošíková, Ľ. Location of transportation districts at modelling of transportation processes in a region. In *Communications : Scientific letters of the University of Žilina*. ISSN 1335-4205, 2002, no. 1-2, pp. 5-9, podiel 33%.
6. Jánošíková, Ľ., Kubáni, A. Transport accessibility of villages. In *Communications : Scientific letters of the University of Žilina*. ISSN 1335-4205, 2000, no. 4, pp. 9–15, podiel 50%.
7. Kavička, A., Jánošíková, Ľ. Trackage modelling and algorithms for finding the shortest train route. In *Communications : Scientific letters of the University of Žilina*. ISSN 1335-4205, 1999, no. 2, pp. 9–21, podiel 50%.

ADN Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS

1. Jánošíková, Ľ., Hrebeň, T. Mathematical programming vs. constraint programming for scheduling problems. In *Communications : Scientific letters of the University of Žilina*. ISSN 1335-4205, 2013, vol. 15, no. 1, pp. 39–43, podiel 90%.

AEC Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách

1. Jánošíková, Ľ., Stasinka, R.: Constraint Programming: An Application for Graph Coloring. In *Scientific Papers of the University of Pardubice, Series B, Vol 8 (2002)*. Pardubice : Univerzita Pardubice, 2003. ISSN 1211-6610. pp. 133–142, podiel 50%.

AFC Publikované príspevky na zahraničných vedeckých konferenciách

1. Jánošíková, Ľ., Krempl, M. Train Platforming Problem. In *Proceedings of the Symposium GIS Ostrava 2014 [CD-ROM]*. ISBN 978-80-248-3306-4, Ostrava, Czech Republic, 27-29 January 2014, Ostrava: VSB – Technical University, 2014, 8 p., podiel 50%.

2. Jánošíková, Ľ., Krempl, M. Allocation of Trains to Platforms at Railway Station. In *Proceedings of the 31st International Conference on Mathematical Methods in Economics 2013*. ISBN 978-80-87035-76-4, Jihlava, Czech Republic, 11-13 September 2013, pp. 338–343, podiel 50%.
3. Jánošíková, Ľ., Blatoň, M., Teichmann, D. Design of urban public transport lines as a multiple criteria optimisation problem. In *Proceedings of the 16th International Conference on Urban Transport and the Environment – Urban Transport XVI*, Limassol, Cyprus, 5-7 May 2010. WIT Press, 2010. ISBN 978-1-84564-456-7, pp. 137-146, podiel 33%. Citované v databáze Web of Science.
4. Cenek, P., Bednár, P., Jánošíková, Ľ.: Optimisation of cargo services for the Slovak Railways. In *Proceedings of the 8th International Conference Computers in Railways*, Lemnos, Greece, 12-14 June 2002. vyd. WIT Press, 2002. ISBN 1-85312-913-5, pp. 797-805, podiel 33%. Citované v databáze Web of Science.
5. Jánošíková, Ľ.: An Adaptation of the Tabu Search Metaheuristic to the Problem of Transportation Planning. In *Proceedings of the 8th IFAC/IFIP/IFORS Symposium on Transportation Systems*, Chania, Greece, 1997, pp. 765-768. Citované v databáze Web of Science.

BCI Skriptá a učebné texty

1. Janáček, J., Jánošíková, Ľ., Buzna, Ľ., Koháni, M. *Modelovanie a optimalizácia*. Žilina: Žilinská univerzita, 2013. ISBN 978-80-554-0815-6. 260 p. 20,85 AH, podiel 25%.
2. Cenek, P., Jánošíková, Ľ. *Strojovo orientované jazyky*. Vysoká škola dopravy a spojov v Žiline, 1991. ISBN 80-7100-048-5. 109 p. 6,52 AH, podiel 50%.