

Transport Problems

INTERNATIONAL SCIENTIFIC JOURNAL

Volume 21 Issue 3

CONTENTS

	Page
1. Shchelkunov O., Parasii-Verhunen I., Bezverkhyi K., Zolkover A., Yurchenko O., Pryimak N.: Analysis of the relationship between employee motivation and key financial indicators in Ukrainian automotive companies during the war	5
2. Shindanapura Madhu R., Akki B., Belad Husainsab A.R., Chethan S., Hiremath Sh.: Towards electric vehicles-compatible highways: engineering synergies between electric vehicle technology and road infrastructure	17
3. Fakleš D., Vidović A., Bartulović D., Mihetec T.: Objective assessment of pilot fatigue risk to optimize organizational workload settings	31
4. Felski A., Jaskólski K., Kubicki M.: Is the ALPHA Russian radionavigation system still active?	39
5. Rakhmatulloh A.R., Aryaputra A.P., Candra M.H., Dewi D.I.K.: Transit-oriented development in emerging cities: a spatial approach from Surakarta, Indonesia	53
6. Kozłowski E., Zimakowska-Laskowska M., Wiśniowski P., Żbik K., Matijošius J., Orynych O.: Analysis of the influence of driving style and type of fuel on pollutant emissions in a passenger car	67
7. Jekl J., Jánský J.: The impact of the MotoGP race on local accessibility to healthcare measured via two-step floating catchment area models	81
8. Brzozowski M., Drąg Ł., Wojciech S.: Impact of spline-based path approximation on autonomous vehicle trajectory tracking	95
9. Haniszewski T., Juzek M.: Comparative assessment of linear and nonlinear finite-element models of a split gear with a hyperelastic insert and idealized lateral restraint	107
10. Gitolendia B., Mikiashvili G., Stevic Z.: The free-access paradox and induced demand: optimizing transit highway governance in Georgia	121
11. Ye X.: A conceptual framework for modeling motivational and behavioural transitions in bike-sharing adoption	135
12. Vishtak I., Maidanevych L., Kuzhel V., Khymych V.: An integrated digital security framework for international transportation: a conceptual study based on international experience	147
13. Węgrzyn T., Szczucka-Lasota B., Lasota P.: Braze welding of austenite-copper for rail transport applications	161
14. Pencheva V., Georgiev I., Babanov S., Asenov A., Ronkova V., Markova M.: A Forecasting protocol for urban air pollution in a transport-influenced environment: a comparison of univariate, seasonal, multivariate and dynamic regression models for PM _{2.5} , PM ₁₀ , O ₃ , and NO ₂	175
15. Marcisz M., Kozuba J., Ulman K.: Application of machine learning for the optimization of unmanned aerial vehicle flight paths	189
16. Ahmadov H., Manafov E., Guliyev H., Huseynov F.: Intelligent condition assessment and remaining useful life-oriented maintenance prediction for traction motor mechanical faults	199
17. Brocchini L., Pratelli A., Conte D., Farina A., Petri M.: A sustainable approach to tourism mobility: the “portable” research project	213
18. Taran I., Szarata M., Kowalski K.: Structural analysis of the Podkarpackie regional railway network using empirical passenger flow data	227