

Transport Problems

INTERNATIONAL SCIENTIFIC JOURNAL

Volume 20 Issue 3

CONTENTS

	Page
1. Taran I., Kairatkyzy G., Pavlenko O., Nefyodov V., Muzylyov D.: Determining the optimal service area of a logistics center: a quantitative approach	5
2. Bosyi D., Zemskyi D., Biltsan K., Borycheva S.: Assessing the feasibility of electric road transport in Europe using the integral emissions index.....	19
3. Wojnar G., Juzek M., Matijošius J., Török Á.: Influence of the geometrical parameters of split gear elements on their displacement.....	31
4. Hristoski I., Malenkovska Todorova M.: Modeling and evaluation of smart mini parking systems with prior reservation using stochastic Petri Nets	43
5. Ichou S., Bóna K.: Reshaping aircraft maintenance: a smarter scheduling and planning approach for modern aviation	57
6. Gajewska P., Szewczyk I.: Assessing and optimizing public transport services using the Customer Satisfaction Index	69
7. Pałęga M., Salwin M., Chmielewski T., Masłowski D.: Professional driver occupational risk assessment: challenges and threats to the development of road transport.....	83
8. Romowicz B., Szkoda M.: Design and testing of the propulsion system of a prototype electric vehicle intended for people with disabilities.....	97
9. Al Kazzaz M.B.: New machine learning model for predicting aircraft emissions based on engine, operational parameters, and fuel properties.....	111
10. Zysińska M., Żak J., Seidel S.: Multi-aspect study of the transport, forwarding, and logistics sector.....	121
11. Shchelkunov O., Parasii-Verhunencko I., Bezverkhyi K., Hryhorevska O., Kazak O.: Methodology of an applied analysis of business partnership in motor vehicles enterprises.....	135
12. Pencheva V., Asenov A., Geogriev A., Mineva K., Kulev M.: System of key performance indicators for monitoring the effectiveness of urban public transport.....	149
13. Pečman J., Šarkan B., Ližbetinová L.: The impact of road infrastructure on fuel consumption and emissions of a road vehicle – a case study.....	163
14. Mazurkow A., Homik W., Matuszak M.: Analysis of selected cases of imbalance and dynamic properties of turbocharger rotating assemblies.....	175
15. Zerka A., Jawab F.: Calculating the costs of inter-hospital patient transport service in TD-ABC	189
16. Zhykharieva V., Ksandinov N., Kopylova O., Vlasenko O.: Financial risk assessment based on a dynamic model: a case of shipping investments	203
17. Mężyk A., Wawak S., Kciuk S.: Analysis of power demand in a hybrid drive system of a heavy tracked vehicle.....	215
18. Ivanov R., Ivanova D., Kadikyanov G., Staneva G., Minkovska I.: Theoretical study of the stability of a two-axle vehicle with a dynamic model.....	229