

A - OPERATION AND ECONOMICS

- GREY MODEL ANALYSIS OF VEHICLE POPULATION, ROAD TRANSPORT ENERGY CONSUMPTION AND VEHICULAR EMISSIONS** A1
N. C. Amulah, E. B. Ekwe, M. I. Ishaq, F. A. Oluwole
- MEASURES TO IMPROVE THE OPERATION OF PASSENGER TRANSPORT AND URBAN MOBILITY** A14
D. Kapski, S. Semtchenkov, L. Khmelnitskaya
- TARIFF SYSTEMS AND DISTANCE MEASUREMENT OF PUBLIC PASSENGER TRANSPORT STOPS** A26
J. Gnap, G. Dydkowski, J. Ondruš, F. Synák
- ANALYSIS OF THE LENGTH OF HIGHWAYS AND THE NUMBER OF MOTOR VEHICLES IMPACT ON THE INTENSITY OF ROAD ACCIDENTS IN SELECTED EUROPEAN COUNTRIES IN 2010-2020** A40
D. Frej, E. Szumska
- COMPARISON OF OPERATIONAL COSTS FOR FIXED-ROUTE BUS SERVICE AND DEMAND RESPONSIVE TRANSPORT SYSTEMS. THE CASE OF KOSICE REGION - SLOVAKIA** A61
T. Štofa, P. Džupka, R. Dráb
- REVIEW OF GLOBAL RESEARCH ON E-MOBILITY: A BIBLIOMETRIC ANALYSIS** A73
A. Desai, CH. R. Patel

B - MECHANICAL ENGINEERING

- CHANGES IN MECHANICAL PROPERTIES DUE TO HEAT TREATMENT ON ADDITIVE MANUFACTURED Ti-6Al-4V** B1
J. Hlinka, L. D. Eröss, Á. Fendrik, K. Bán
- ESTIMATION OF THE PUBLIC TRANSPORT OPERATING PERFORMANCE: EXAMPLE OF A SELECTED CITY BUS ROUTE** B7
M. Smieszek, N. Kostian, V. Mateichyk, J. Mosciszewski, L. Tarandushka
- INFLUENCE OF TRAFFIC CONDITIONS ON THE ENERGY CONSUMPTION OF AN ELECTRIC VEHICLE** B22
A. Skuza, R. Jurecki, E. Szumska
- GAP ANALYSIS IN ECO CATEGORIES, ELECTRIC VEHICLE COMPARISON AND SOLUTIONS TO GLOBAL TRANSPORT CHALLENGES** B34
V. P. Keseev
- ANALYSING THE GENERATIVE DESIGN OF PAYLOAD PART FOR THE 3D METAL PRINTING** B45
T. Markovits, L. D. Eröss, Á. Fendrik
- INFLUENCE OF THE TECHNICAL CONDITION OF THE RUNNING SYSTEM OF ARTICULATED BUSES ON STABILITY OF THEIR STRAIGHT-LINE MOTION** B52
V. Sakhno, V. Polyakov, I. Murovanyi, O. Timkov, L. Mialkovska, P. Popovych, L. Poberezhnyi

C - ELECTRICAL ENGINEERING IN TRANSPORT

VEHICLE CABIN NOISE CANCELLATION MODEL USING PRE-FILTER FOR IMPROVED CONVERGENCE RATE AND BETTER STABILITY C1
J. Kapoor, A. Pathak, M. Rai, G. R. Mishra

MODELING OF ELECTRIC VEHICLES FLEET'S CHARGING USING PARTIAL DIFFERENTIAL EQUATIONSS C13
M. Kajánová, P. Bracíník, M. Královič

VEHICLE-TO-EVERYTHING COMMUNICATION C24
Z. Špitálová

D - CIVIL ENGINEERING IN TRANSPORT

FEM MODELLING THE TEMPERATURE INFLUENCE ON THE STRESS-STRAIN STATE OF THE PAVEMENT D1
A. Shimanovsky, A. Karabayev, I. Krakava, V. Tsyhanok, I. Sodikov, A. Yunusov

THE ROLE OF TRANSPORTATION COSTS ON AFFORDABLE HOUSING FOR LOW-INCOME CLASS D10
M. M. Khabiri, S. N. P. G. Abadi, Z. G. Fard

F - SAFETY AND SECURITY ENGINEERING IN TRANSPORT

RECKONING LEVEL OF RISK AND SEVERITY (LORS) BASED ON THE GAP ACCEPTANCE AT A THREE-LEGGED UNCONTROLLED INTERSECTION OF A RURAL HIGHWAY F1
K. Bhatt, J. Shah

PARATRANSIT SAFETY AS A KEY RESOURCE FOR SUSTAINABLE MOBILITY IN DEVELOPING COUNTRIES F15
M. T. Ahmed, M. S. B. Siraj, T. Campisi

G - TRAVEL AND TOURISM STUDIES IN TRANSPORT DEVELOPMENT

ELECTROMAGNETIC FIELD EXPOSURE IN THE PUBLIC SPACE OF THE SLOVAKIAN CITY G1
M. Trnka, P. Gálik, E. Kráľová, R. Važan