

# CONTENTS

- 1** **Oleksii Prasolenko, Vitalii Chumachenko**  
Regularities of the traffic lane change  
by the driver when interacting with car-obstacle
- 12** **Oleh Hrytsun**  
Impact of traffic volume and composition  
on the change in the speed of traffic flow
- 21** **Mykola Zhuk, Volodymyr Kovalyshyn,  
Vladyslav Zelemyski**  
Study of the passengers average waiting  
time at public transport stops
- 29** **Bohdan Gera, Yuliia Hermaniuk, Vasyl Matviiv**  
Organization of passenger rail transportation  
on the section with the combined track  
Nyzhankovychi-Starzhava
- 38** **Oleh Voznyak, Serhii Buriak**  
Method of determination of the railway  
rolling stock coordinates within the track circuit
- 48** **Borys Sereda, Darya Mykovska**  
Mathematical modeling of the efficiency  
indicator of the functioning of the transport  
and production system in the conditions  
of the quarry of a metallurgical enterprise
- 62** **Ganna Weigang, Kateryna Komar**  
Analysis of the security of on-board  
information systems in vehicles
- 73** **Ivan Slatov, Igor Murovanyi**  
The need for eco-driving technologies  
in urban public transport
- 83** **Hustav Hudz, Mykhailo Hlobchak**  
The influence of important factors  
on the distribution of heat flows in elements  
of drum brakes of vehicles
- 90** **AUTHORS**