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Faculty of Transport  
Silesian University of Technology

**Silesian University of Technology**  
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# **Transport**

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# **Problems 2014**

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6.	<a href="#"><u>Agnieszka GRABARA</u></a> <a href="#"><u>THE REPRESENTATIVENESS OF THE ROAD TRAFFIC CONDITIONS THAT ARE REALISED IN THE WLTC TEST IN RELATION TO THE CONDITIONS OF THE REAL EXPLOITATION OF VEHICLES</u></a>	813	818
7.	<a href="#"><u>Matluba KHADJIMUKHAMETOVA</u></a> <a href="#"><u>IMPROVEMENT OF CAR TRAFFIC VOLUME MANAGEMENT IN MODERN CONDITIONS</u></a>	819	824
8.	<a href="#"><u>Aleksandr KHARCHENKO</u></a> <a href="#"><u>ANALYSIS OF DESIGN OF PASSENGER CARS BOGIES FOR HIGHSPEED MOVEMENT</u></a>	825	829
9.	<a href="#"><u>Vladimir KRAVETS, Tamila KRAVETS, Kostyantyn BAS, Larisa TOKAR</u></a> <a href="#"><u>MATHEMATICAL MODEL OF A PATH AND HODOGRAPH OF SURFACE TRANSPORT</u></a>	830	841
10.	<a href="#"><u>Irina MAKAROVA, Rifat KHABIBULLIN, Eduard BELYAEV, Artur BELYAEV</u></a> <a href="#"><u>IMPROVEMENT OF MOTOR VEHICLE WARRANTY SERVICE SYSTEM IN THE FOREIGN MARKETS</u></a>	842	852



11.	<a href="#"><u>Irina MAKAROVA, Rifat Khabibullin, Eduard Belyeav, Vadim MAVRIN, Kseniya Shubenkova</u></a> <a href="#"><u>INCREASE OF SAFETY OF CITY TRANSPORT SYSTEM AT THE EXPENSE OF RATIONAL STEERING OF FLEET OF VEHICLES</u></a>	853	865
12.	<a href="#"><u>Nurmuhammad MAKHKAMOV, Shuhrat Saidivaliyev</u></a> <a href="#"><u>CONSTRUCTION TECHNOLOGY DATA PROTECTION FROM SAND RAIL DRIFTS AND BLOWING</u></a>	866	869
13.	<a href="#"><u>Tomasz Matyja</u></a> <a href="#"><u>BEARINGS MODELING DURING SIMULATION STUDIES IN ROTATING MACHINES</u></a>	870	881
14.	<a href="#"><u>Tomasz Matyja</u></a> <a href="#"><u>INFLUENCE OF DYNAMIC IMBALANCE ON THE VIBRATIONS IN THE CRITICAL STATES IN ROTATING MACHINE PARTS</u></a>	882	889
15.	<a href="#"><u>Tadeusz Opasiak, Grzegorz Perun</u></a> <a href="#"><u>TESTING LABORATORY THE REINFORCED CONSTRUCTION ROLLERS BEARING HUBS</u></a>	890	897
16.	<a href="#"><u>Aleksandra Pawlak-Burakowska, Malgorzata Urbanek</u></a> <a href="#"><u>MODELLING PASSENGER SERVICES QUALITY AT KRAKOW AIRPORT USING IMPORTANCE- PERFORMANCE METHOD</u></a>	898	905
17.	<a href="#"><u>Grzegorz Perun</u></a> <a href="#"><u>DETERMINATION OF EFFECTIVENESS OF SIMPLE STATISTICAL AND DIAGNOSTIC MEASURES IN DIAGNOSING OF PLANETARY GEARS</u></a>	906	916
18.	<a href="#"><u>Anastasia Rachinskaya</u></a> <a href="#"><u>ROLE OF OPERATING COSTS WHEN FORMING THE PRIME COST FOR RAILWAY SERVICE</u></a>	917	921
19.	<a href="#"><u>Julia Romanok, Vadim Moskvina</u></a> <a href="#"><u>UNIFIED AUTOMATED CARGO TRANSPORTATION CONTROL SYSTEM IN UKRAINE</u></a>	922	925
20.	<a href="#"><u>Adam Rudzik, Stefan Pradelok</u></a> <a href="#"><u>ANALYSIS OF LOCAL INFLUENCES IN STRUCTURAL DETAILS OF THE BRIDGES IN THE ASPECT OF STRUCTURAL HEALTH MONITORING AND TRANSPORT SAFETY</u></a>	926	931
21.	<a href="#"><u>Justyna Sordyl</u></a> <a href="#"><u>APPLICATION OF THE AHP METHOD TO ANALYZE SIGNIFICANCE OF THE FACTORS AFFECTING ROAD TRAFFIC SAFETY</u></a>	932	943
22.	<a href="#"><u>Svetla Stoilova, Veselin Stoev</u></a> <a href="#"><u>AN APPLICATION OF THE GRAPH THEORY WHICH EXAMINES THE METRO NETWORKS</u></a>	944	955

23.	<a href="#"><u>Mukhammad VALIEV, Ulugbek SADULLAEV</u></a> <a href="#"><u>LOCOMOTIVE DIESEL ENGINE EXCESS AIR RATIO</u></a> <a href="#"><u>CONTROL DEVICE</u></a>	956	962
24.	<a href="#"><u>Agnieszka WAŻNA</u></a> <a href="#"><u>ECONOMIC EFFECTS OF TIME LOSS IN PASSENGER</u></a> <a href="#"><u>TRANSPORT - EVIDENCE FROM SELECTED POLISH CITIES</u></a>	963	969
25.	<a href="#"><u>Dariusz WNUK, Grzegorz KARON</u></a> <a href="#"><u>VARIANTS TO IMPROVE TRAFFIC CONDITIONS IN THE</u></a> <a href="#"><u>BOTTLENECK IN ROAD NETWORK OF THE UPPER SILESIA</u></a> <a href="#"><u>CONURBATION</u></a>	970	981
26.	<a href="#"><u>Dilfuza ZAIROVA, Bakhram ABDULLAYEV</u></a> <a href="#"><u>DEVELOPMENT OF EXPERIMENTAL RESEARCH METHODS</u></a> <a href="#"><u>OF DEFORMATION WAGON WHEEL IN THE PROCESS OF</u></a> <a href="#"><u>RECONSTRUCTION</u></a>	982	986
27.	<a href="#"><u>Oleksii ZHALKIN</u></a> <a href="#"><u>PERSPECTIVES OF APPLICATION HYBRID POWER UNITS IN</u></a> <a href="#"><u>RAIL TRANSPORT</u></a>	987	995