

Paper number	Authors	Title
MVM2018_001	Sunny Narayan, Faisal O.Mahrrogi, Ivan Grujic and Nadica Stojanovic	ANALYSIS OF PRESSURE PLATE OF AN AUTOMOTIVE CLUTCH ASSEMBLY
MVM2018_002	Isak Karabegović and Ermin Husak	THE ROLE OF INDUSTRIAL AND SERVICE ROBOTS IN FOURTH INDUSTRIAL REVOLUTION WITH FOCUS ON CHINA
MVM2018_003	Valentina Golubović-Bugarski, Snežana Petković, Željko Đurić and Goran Jotić	VIBRATION COMFORT OF THE VEHICLE EXPRESSED BY SEAT EFFECTIVE AMPLITUDE TRANSMISSIBILITY
MVM2018_004	Perić Sreten, Nedić Bogdan, Stoilković Mile and Radovanović Radovan	EXPERIMENTAL RESEARCH OF THE BIODEGRADABLE UNIVERSAL TRACTOR OIL BASED ON THE VEGETABLE OILS
MVM2018_005	Slobodan Mišanović, Dragan Taranović, Jovanka Lukić, Radivoje Pešić and Jasna Glišović	THE IMPACT OF THE SYSTEM FOR HEATING AND AIR CONDITIONING ON THE ENERGY EFFICIENCY OF THE BUS ON THE ELECTRIC DRIVE (E-BUS)
MVM2018_006	Željko Milković, Slobodan Mišanović, Dušan Savković, Pavle Krstić, Slobodan Ivanov and Slobodan Stević	TWO-YEAR SUCCESSFUL EXPLOITATION OF THE E-BUSES IN BELGRADE
MVM2018_007	Milja Simeunović, Zoran Papić, Milan Simeunović and Pavle Pitka	THE ROLE OF APPLYING ELECTRIC VEHICLES IN SUSTAINABLE URBAN MOBILITY
MVM2018_008	Goran Štetin, Zoran Papić and Nenad Saulić	ANALYSIS OF VEHICLE CRASH DEFORMATIONS USING FE MODELS
MVM2018_009	Torović T., Lukić B., Jevremović C. and Grbović Z.	SAFETY OF USING GAS DEVICES IN VEHICLES
MVM2018_010	Nenad Kostić, Nenad Petrović, Vesna Marjanović and Nenad Marjanović	SELECTION OF AUTOMATED ANALYTICALLY CALCULATED GEARBOX CONCEPTS ACCORDING TO DIMENSIONAL CRITERIA
MVM2018_011	Mikhail G. Shatrov, Leonid N. Golubkov, Andrey U. Dunin, Pavel V. Dushkin and Andrey L. Yakovenko	ANALYSIS OF REALIZATION OF STEPPED FUEL INJECTION WITHOUT CHANGING DESIGN OF COMMON RAIL INJECTOR
MVM2018_012	Mikhail G. Shatrov, Vladimir V. Sinyavski, Ivan G. Shishlov, Andrey Y. Dunin, Andrey L. Yakovenko and Andrey V. Vakulenko	EXPERIENCE OF DIESEL ENGINES CONVERSION FOR OPERATION ON NATURAL GAS OBTAINED IN MADI
MVM2018_013	Vase Jordanoska, Igor Gjurkov and Darko Danev	COMPARATIVE ANALYSIS OF CAR FOLLOWING MODELS BASED ON DRIVING STRATEGIES USING SIMULATION APPROACH
MVM2018_014	Hristo Stanchev and Krasimir Markov	INVESTIGATION OF DIESEL ENGINE OPERATED WITH DIESEL FUEL-BUTANOL BLENDS AND CETANE IMPROVER

Paper number	Authors	Title
MVM2018_015	Janez Kopač	LOST SECONDS BY VIEW ON CAR COCKPIT BOARD AS VERY DANGEROUS REASONS FOR ACCIDENT
MVM2018_016	Igor V. Alekseev, Mikhail G. Shatrov and Andrey L. Yakovenko	METHOD AND SOME RESULTS OF INVESTIGATION OF STRUCTURE-BORNE NOISE OF DIESEL ENGINE AT ACCELERATION MODE
MVM2018_017	Branimir Milosavljević, Radivoje Pešić, Nikola Kostić, Žarko Đorđević, Jelena Erić Obućina and Saša Babić	VEHICLE EMISSION DISPERSION MODELING BY FULL FACTORIAL DESIGN FOR DETERMINING THE EMISSION FACTORS OF THE SERBIA FLEET
MVM2018_018	Nikola Kostić, Božidar Krstić, Žarko Đorđević, Jelena Erić Obućina, Saša Babić and Branimir Milosavljević	SELECTION OF OPTIMAL ROUTES FOR TRANSPORT OF MUNICIPAL WASTE BY APPLICATION OF METAHEURIST ALGORITHMS
MVM2018_019	Saša Babić, Jovanka Lukić, Kostić Nikola, Đorđević Žarko, Obućina-Erić Jelena and Branimir Milosavljević	NOISE EMISSION WITH ASPECT OF VEHICLES FLEET STRUCTURE – THE CASE OF SERBIA
MVM2018_020	Jelena Eric Obucina, Nikola Kostić, Žarko Đorđević, Saša Babić and Branimir Milosavljević	SAFETY ASPECTS OF THE HYDRAULIC SERVO STEERING GEAR IN THE VEHICLE SYSTEM
MVM2018_021	Jelena Trifunović, Aleksandar Manojlović, Snežana Kaplanović and Nebojša Bojović	METHODOLOGY FOR DETERMINING THE AMOUNT OF ECOLOGICAL FEE FOR THE USE OF PASSENGER CARS
MVM2018_022	Srdjan Stanojev and Slavko Muzdeka	A MODEL FOR ASSESSING THE DYNAMIC BEHAVIOR OF A HIGH-SPEED TRACKED VEHICLE UNDER VARIOUS INFLUENCES
MVM2018_023	Almir Blažević, Dževad Bibić and Ivan Filipović	INFLUENCE OF DETERMINING THE PERIOD OF IGNITION DELAY ON THE HEAT RELEASE CHARACTERISTIC OF DIESEL ENGINES FUELLED WITH DIESEL AND BIODIESEL
MVM2018_024	Mikica Jovanović, Branislav Jovanović, Ivan Ivanković and Saša Mitić	THE IMPORTANCE OF BUS SUPERSTRUCTURE STRENGTH TESTING ACCORDING UN REGULATION NO. 66
MVM2018_025	Vasiljević Saša, Stojanović Nadica, Grujić Ivan, Bošković Bojana and Mladenović Milan	INSPECTION EQUALNESS MEASUREMENT BRAKE COEFFICIENT ON DIFFERENT LINES OF VEHICLES TECHNICAL REVIEW ON THE TERRITORY OF KRAGUJEVAC CITY
MVM2018_026	Bošković Bojana, Mladenović Milan, Vasiljević Saša and Teofilović Marina	PERSONS WITH DISABILITIES AS PARTICIPANTS IN THE TRAFFIC
MVM2018_027	Saša Mitić and Ivan Blagojević	END-OF-LIFE VEHICLE DISPOSAL AND IT'S INFLUENCE TO THE ENVIRONMENT

Paper number	Authors	Title
MVM2018_028	Andreja Ilić, Lozica Ivanović and Blaža Stojanović	ECOLOGICAL ASPECTS OF HIGH-STRENGTH LOW-ALLOY STEEL APPLICATION IN CAR BODY
MVM2018_029	Ivan Blagojević and Saša Mitić	HYDROGEN AS A VEHICLE FUEL
MVM2018_030	Branko Miličić, Lazar Stojnić and Branislav Rakićević	FOUR WHEEL STEERING OF A FORMULA STUDENT CAR
MVM2018_031	Dimitrios V. Koulocheris and Clio G. Vossou	ALTERNATIVE DESIGN FOR A SEMI – TRAILER TANK VEHICLE
MVM2018_032	Clio G. Vossou and Dimitrios V. Koulocheris	A COMPUTATIONAL MODEL FOR THE RECONSTRUCTION OF VEHICLE COLLISIONS
MVM2018_033	Ralph Pütz and Thomas Haberstock	AERODYNAMIC OPTIMIZATION OF EXISTING RACE CARS
MVM2018_034	Nadica Stojanovic, Jasna Glisovic, Ivan Grujic, Sunny Narayan and Sasa Vasiljevic	EXPERIMENTAL AND NUMERICAL MODAL ANALYSIS OF BRAKE SQUEAL NOISE
MVM2018_035	Tijana Ivanišević, Dragan Taranović and Radivoje Pešić	ROLE OF VEHICLES ON ALTERNATIVE PROPULSION SYSTEMS IN LOGISTICS AND TRANSPORT
MVM2018_036	Sandra Veličković, Blaža Stojanović, Lozica Ivanović and Slavica Miladinović	APPLICATION OF NANOCOMPOSITES IN THE AUTOMOTIVE INDUSTRY
MVM2018_037	Lazar Stojnić, Aleksandar Grkić and Slavko Muždeka	DEVELOPMENT AND ANALYSIS OF A 4X4 TRUCK MULTIBODY SIMULATION MODEL
MVM2018_038	Mirko Gordić, Milan Došlić and Slavko Muždeka	METHOD FOR THE INDIVIDUAL APPROVAL OF VEHICLES WHICH ARE CONVERTED FROM INTERNAL COMBUSTION ENGINE TO PURE ELECTRIC DRIVE
MVM2018_039	Žarko Đorđević, Nikola Kostić, Jelena Erić Obućina, Branimir Milosavljević and Saša Babić	CONTRIBUTION TO THE RESEARCH OF PARAMETERS, EFFECTS AND METHODS OF ECO DRIVING MEASUREMENTS
MVM2018_040	Aleksandar Poznić and Boris Stojić	THE SECONDARY CONTRIBUTION TO THE ANALYSIS OF MAGNETORHEOLOGICAL BRAKE
MVM2018_041	Goran Pejić, Marko Bunjevac, Matija Pečet and Zoran Lulić	IMPACT OF INTRODUCTION OF LOW EMISSION ZONES IN THE CITY OF ZAGREB
MVM2018_042	Boris Stojić, Aleksandar Poznić and Nebojša Nikolić	EXAMINATION OF SENSITIVITY OF TRACTOR TIRE FILTERING BEHAVIOR TO CONTACT LENGTH CHANGE
MVM2018_043	Goran Bošković, Miloš Jovičić and Saša Jovanović	SIMULATION OF ECOLOGICAL PERFORMANCES OF WASTE COLLECTION PROCESS

Paper number	Authors	Title
MVM2018_044	Ivana Terzić, Vanja Šušteršič, Aleksandar Nešović and Mladen Josijević	THE POSSIBILITY FOR USE OF BIOFUELS IN EUROPE AND IN SERBIA
MVM2018_045	Sonja Kostić, Zorica Đorđević and Milosav Đorđević	THE INFLUENCE OF THE INTERNAL RADIAL CLEARANCE ON THE LOAD DISTRIBUTION ON THE ROLLER BODY OF A SINGLE RADIAL BALL BEARING
MVM2018_046	Aleksandar Radaković, Dragan Milosavljević, Gordana Bogdanović, Dragan Čukanović and Petar Knežević	ELASTIC WAVES PROPAGATION IN COMPOSITE LAMINATES USED IN THE AUTOMOTIVE INDUSTRY
MVM2018_047	Dragan Čukanović, Aleksandar Radaković and Gordana Bogdanović	FUNCTIONALLY GRADED MATERIALS AS THE SPECIFIC CLASS OF ADVANCED COMPOSITES USED IN AUTOMOTIVE INDUSTRY
MVM2018_048	Mikica Jovanović, Vladimir Popović and Branislav Rakićević	THE TESTING OF VEHICLES NOT COMPLETED IN ACCORDANCE WITH THE MANUFACTURER'S GUIDELINES
MVM2018_049	Slobodan J. Popović and Nenad L. Miljić	COMBUSTION AND EFFICIENCY ANALYSIS OF HIGHLY BOOSTED GDI MILLER-CYCLE-BASED RESEARCH ENGINE
MVM2018_050	Slobodan J. Popović and Nenad L. Miljić	GASOLINE SPLIT INJECTION STRATEGY ANALYSIS FOR IMPROVED COMBUSTION STABILITY DURING WARM-UP OPERATION
MVM2018_051	Živanović Nina and Bogdanović Gordana	OSCILLATIONS OF LIGHT WHEELED VEHICLE UNDER THE INFLUENCE OF INTEGRATED WEAPON'S RECOIL FORCE
MVM2018_052	Satoru Furugori, Takeo Kato and Yoshiyuki Matsuoka	AUTOMOTIVE SAFETY CONTROL SYSTEM BASED ON TIMEAXIS DESIGN
MVM2018_053	Slavica Mačužić and Jovanka Lukić	APPLICATION OF DIGITAL HUMAN MODEL IN ORDER TO DETERMINE THE HUMAN BODY DISCOMFORT
MVM2018_054	Veselin Mihajlov, Zdravko Ivanov and Rosen Hristov	INFLUENCE OF THE CONTROL SIGNAL ON THE PARAMETERS OF INJECTORS FOR SI ENGINES
MVM2018_055	İlker ÖRS, Murat Ciniviz and Bahar Sayin Kul	THE EFFECTS OF BIOFUEL BLENDS ON ENGINE PERFORMANCE PARAMETERS AT DIFFERENT INJECTION PRESSURES, AND ANNS APPLICATIONS
MVM2018_056	Dragan Ružić	AN ANALYTICAL MODEL OF AIR-CONDITIONED MOTOR VEHICLE CABIN
MVM2018_057	Igor Saveljić and Slavica Mačužić	THREE DIMENSIONAL ANALYSES OF SEAT BELT AND DRIVER IN CASE OF SUDDEN BRAKING
MVM2018_058	Kjosevski Stevan, Kochov Atanas and Kostikj Aleksandar	AN INDICATORS BASED APPROACH TOWARDS DECISION MAKING AND POLICY MAKING REGARDING INTRODUCING ELECTRIC VEHICLES
MVM2018_059	Boris Stojijć, Dragan Ružić, Zoran Ivanović and Evgenije Adžić	LIGHT HYBRID-ELECTRIC VEHICLE AS EDUCATIONAL AND RESEARCH PLATFORM

Paper number	Authors	Title
MVM2018_060	Milan Blagojević and Miroslav Živković	THE INFLUENCE OF THE SIZE OF A PASSENGER VEHICLE ON THE SLED TEST PARAMETERS
MVM2018_061	Aleksandar Jovanović and Katarina Kukić	INTEGRATED CONTROL OF DIVERGING DIAMOND INTERCHANGE AND RAMP METERING: FUZZY LOGIC APPROACH
MVM2018_062	Ivan Grujić, Jovan Dorić, Nadica Stojanović, Aleksandar Davinić, Radivoje Pešić and Sunny Narayan	NUMERICAL MODELING OF IC ENGINE COMBUSTION PROCESS
MVM2018_063	Nenad Raspopović, Jovan Dorić, Ivan Grujić and Nebojša Nikolić	ANALYSIS OF HYBRID TURBOCHARGER IN MOTOR VEHICLE IC ENGINE
MVM2018_064	Radivoje Pešić, Saša Milojević and Stevan Veinović	INFLUENCE VARIABLE COMPRESSION RATIO ON VIBE FUNCTION PARAMETERS AND EMISSION OF EXPERIMENTAL DIESEL ENGINE
MVM2018_065	Radivoje Pešić, Saša Milojević, Dragan Taranović and Milan Stanojević	EXPERIENCES RELATED TO INSPECTION OF MOTOR VEHICLES ON NATURAL GAS IN THE REPUBLIC OF SERBIA
MVM2018_066	Saša Milojević, Dragan Džunić, Dragan Taranović, Radivoje Pešić and Slobodan Mitrović	EXPERIMENTAL DETERMINATION OF COMPOSITE MATERIALS TRIBOLOGICAL BEHAVIOUR WHICH USED FOR PARTS IN ALUMINUM COMPRESSOR (PISTON AND CYLINDER)
MVM2018_067	Giovanni Belingardi, Pier Giuseppe Anselma and Miroslav Demic	OPTIMIZATION-BASED CONTROLLERS FOR HYBRID ELECTRIC VEHICLES