

M	ID	Godina	Referenca
M14		1370874 2017	М. Филиповић, Љ. Кевац, А. Ђурић, The variable position of load's center of mass in respect to load's hanging point of the CPR system, Chapter in the book <i>Advances in Intelligent Systems and Computing</i> , Springer Verlag, 540, pp. 179 - 187, 21945357, 10.1007/978-3-319-49058-8_20, 978-331949057-1, 2017.
M21		1369027 2017	С. Стојановић, Robust finite-time stability of discrete time systems with interval time-varying delay and nonlinear perturbations, <i>Journal of the Franklin Institute: Engineering and Applied Mathematics</i> , Pergamon, 354, 11, pp. 4549 - 4572, 0016-0032, 10.1016/j.jfranklin.2017.05.009, Jul2017.
M21		1371254 2017	Љ. Кевац, М. Филиповић, А. Ракић, Dynamics of the process of the rope winding (unwinding) on the winch, <i>Applied Mathematical Modelling</i> , Elsevier, 48, pp. 821 - 843, 0307-904X, 10.1016/j.apm.2017.02.023, 2017.
M21		1371257 2017	Karličić Danilo, Čajić Milan, Adhikari Sondipon, Kozić Predrag, Murmu Tony, Vibrating nonlocal multi-nanoplate system under inplane magnetic field, <i>European Journal of Mechanics-A/Solids</i> , Elsevier France ^Editions Scientifiques et Medicales, 64, pp. 29 - 45, 0997-7538, 10.1016/j.euromechsol.2017.01.013, Jul2017.
M21		268710 2017	Слободанка Бољановић, Стеван Максимовић, Computational mixed mode failure analysis under fatigue loadings with constant amplitude and overload, <i>Engineering Fracture Mechanics</i> , Elsevier, 174, pp. 168 - 179, 0013-7944, 10.1016/j.engfracmech.2016.12.017, 2017.
M21		1386668 2017	Y. Zhou, Hang Xiaochen, S. Wu, Q. Fei, H. Тришовић, Frequency-dependent random fatigue of panel-type structures made of ceramic matrix composites, <i>Acta Mechanica Solida Sinica</i> , ELSEVIER, 30, 2, pp. 165 - 173, 0894-9166, https://doi.org/10.1016/j.camss.2017.03.010 , Apr2017.
M21		1378915 2017	К. Хедрих (Стевановић), Non-linear phenomena in vibro-impact dynamics: Central collision and energy jumps between two rolling bodies, <i>Nonlinear Dynamics</i> , ISSN: 0924-090X (print version) ISSN: 1573-269X (electronic version), DOI :10.1007/s11071-017-3988-x, 2017.
M21		1374253 2017	Б. Јеремић, Р. Радуповић, А. Обрадовић, С. Шалинић, М. Дражић, Brachistochronic motion of a nonholonomic variable-mass mechanical system in general force fields, <i>Mathematics and Mechanics of Solids</i> , Sage Publishing, 1081-2865, https://doi.org/10.1177/1081286517738307 , 2017.
M21		1360496 2017	Г. Максимовић, Valentina Milosavljevic, Б. Ђирковић, Б. Милошевић, С. Јовић, М. Alizamir, Analyzing of economic growth based on electricity consumption from different sources, <i>Physica A: Statistical Mechanics and its Applications</i> , Elsevier, 484, -, pp. 37 - 40, 0378-4371, -, https://doi.org/10.1016/j.physa.2017.04.174 , -, 2017.
M21		1360254 2017	А. Ђокић, С. Јовић, Evaluation of agriculture and industry effect on economic health by ANFIS approach, <i>Physica A: Statistical Mechanics and its Applications</i> , Elsevier, 479, -, pp. 396 - 399, 0378-4371, -, http://dx.doi.org/10.1016/j.physa.2017.03.022 , -, 2017.
M21		1360095 2017	М. Илић, С. Јовић, П. Спалевић, Igor Vujicic, Water cycle estimation by neuro-fuzzy approach, <i>Computers and Electronics in Agriculture</i> , Elsevier, 135, -, pp. 1 - 3, 0168-1699, -, http://dx.doi.org/10.1016/j.compag.2017.01.025 , -, 2017.
M22		1371666 2017	Љ. Кевац, М. Филиповић, А. Ракић, The trajectory generation algorithm for the cable-suspended parallel robot – the CPR trajectory solver, <i>Robotics and Autonomous Systems</i> , Elsevier, 94, pp. 25 - 33, 0921-8890, 10.1016/j.robot.2017.04.018, 2017.
M22		1385314 2017	М. Стаменковић Атанасов, Д. Карличић, П. Козић, Forced transverse vibrations of an elastically connected nonlocal orthotropic double-nanoplate system subjected to an in-plane magnetic field, <i>Acta Mechanica</i> , Springer, 228, 6, pp. 2165 - 2185, 10.1007/s00707-017-1815-6, 2017.

M22	1385942 2017	Слободанка Бољановић, Стеван Максимовић, Andrea Carpinteri, Бошко Јовановић, Computational fatigue analysis of the pin-loaded lug with quarter-elliptical corner crack, International Journal of Applied Mechanics, Word Scientific Publishing Europe Ltd., 09, 04, pp. 1750058-1 - 1750058-17 , 1758-8251 (print), 1758-826X (online), doi: http://dx.doi.org/10.1142/S1758825117500582 , 2017.
M22	1360332 2017	О. Anicic, С. Јовић, Danilo Aksic, А. Скулић, Б. Неђић, Machining process influence on the chip form and surface roughness by neuro-fuzzy technique, Applied Physics A: Materials Science and Processing., Springer, -, -, pp. - - -, 0947-8396, -, https://doi.org/10.1007/s00339-017-0915-4 , -, 2017.
M22	1360978 2017	Г. Максимовић, С. Јовић, Д. Јововић, Marina Jovovic, Analyses of Economic Development Based on Different Factors, Computational Economics, Springer, -, -, pp. - - -, 0927-7099, -, https://doi.org/10.1007/s10614-017-9786-1 , -, 2017.
M23	1359856 2017	С. Калиновић, Јелена М. Ђоковић, Р. Николић, Influence of windows geometrical parameters on calculations of the heat conduction coefficient, Procedia Engineering, Elsevier Ltd., 192, pp. 404 - 409, 1877-7058, doi.org/10.1016/j.proeng.2017.06.07, 2017.
M23	277960 2017	Djordje Krtnic, Марија Микић, Note on asymptotical behavior of solutions of Emden-Fowler equation and the existence and uniqueness of solution of some Cauchy problem, Miskolc Mathematical Notes, Miskolc University Press, 18, 1, pp. 285 - 294, 1787-2413, 10.18514/MMN.2017.2019, 2017.
M23	1359946 2017	J.M. Ђоковић, Р. Николић, J. Bujnak, Prediction of the fatigue life of the vibrational sieve supporting beam, Key Engineering Materials, Trans Tech Publication, 755, pp. 274 - 278, 1662-9795, 10.4028/www.scientific.net/KEM.755.274, 2017.
M23	1359893 2017	J. М. Ђоковић, Д. Таникић, Р. Николић, С. Калиновић, Screening efficiency analysis of vibrosieves with the circular vibrations, Civil and environmental engineering, De Gruyter, 13, 1, pp. 77 - 83, 1336-5835, 10.1515/cee-2017-0010, 2017.
M23	1359921 2017	J. М. Ђоковић, С. Вуловић, Р. Николић, М. Живковић, В. Hadžima, Analysis of the Three-Dimensional Zone around the Interfacial Crack Tip: The K-Influence Domain Range in the Plane Stress State, Key Engineering Materials, Trans Tech Publications, 754, pp. 119 - 122, 1662-9795, 10.4028/www.scientific.net/KEM.754.119, 2017.
M23	1359773 2017	J. Ђоковић, Р. Николић, J. Bujnak, В. Hadžima, Criteria for Prediction of the Interfacial Crack Growth in Concrete, Solid State Phenomena, Materials Structure & Micromechanics of Fracture VIII, Scientific.Net, 258, pp. 514 - 517, 1662-9779, 10.4028/www.scientific.net/SSP.258.514, 2017.
M23	1360586 2017	С. Јовић, З. Голубовић, Jovan Stojanovic, Wood bonding strength sensitivity estimation and power consumption prediction in wood machining process by artificial intelligence methods, Sensor Review, Emerald Publishing Limited, 37, 4, pp. 444 - 447, 0260-2288, -, https://doi.org/10.1108/SR-06-2017-0119 , -, 2017.
M23	1360945 2017	S. Hiamir, С. Јовић, Н. Арсић, П. Спалевић, Detection and evaluation of heating load of building by machine learning, Sensor Review, Emerald Publishing Limited, 38, 1, pp. 99 - 101, 0260-2288, -, https://doi.org/10.1108/SR-07-2017-0139 , -, 2017.
M23	1360627 2017	С. Јовић, Д. Лазаревић, Aleksa Vulovic, Analyzing of the sensitivity of chip formation during machining process, Sensor Review, Emerald Publishing Limited, 37, 4, pp. 448 - 450, 0260-2288, -, https://doi.org/10.1108/SR-06-2017-0120 , -, 2017.
M23	1360661 2017	С. Јовић, П. Васић, Т. Јакшић, Sensorless estimation of lake level by soft computing approach, Sensor Review, Emerald Publishing Limited, 38, 1, pp. 117 - 119, 0260-2288, -, https://doi.org/10.1108/SR-07-2017-0138 , -, 2017.
M23	1391532 2017	С. Јовић, М. Миљковић, М. Ivanovic, М. Шарановић, М. Arsic, Prostate Cancer Probability Prediction by Machine Learning Technique, Cancer Investigation, Taylor and Francis Insights Infoma Group UK, 35, 10, pp. 647 - 651, 0735-7907, 10.1080/07357907.2017.1406496, Dec2017.

M23	1361029 2017	C. Јовић, Milica Miljkovic, Miljan Ivanovic, M. Шарановић, Milena Arsic, Prostate Cancer Probability Prediction By Machine Learning Technique, Cancer Investigation, Taylor & Francis Online, 35, 10, pp. 647 – 651, 0735-7907, -, https://doi.org/10.1080/07357907.2017.1406496 , -, 2017.
M23	1360536 2017	C. Јовић, С. Макрагић, М. Jovanovic, Parameters influence of laser forming on shaped surface by soft computing technique, Optik - International Journal for Light and Electron Optics, Elsevier, 142, -, pp. 451 – 454, 0030-4026, -, https://doi.org/10.1016/j.ijleo.2017.04.089 , -, 2017.
M23	1360916 2017	О. Anicic, С. Јовић, С. Тасић, А. Vulovic, М. Jovanovic, Temperature detection in cutting zone for different forms of chip shapes during machining process, Sensor Review, Emerald Publishing Limited, 38, 1, pp. 102 – 105, 0260-2288, -, https://doi.org/10.1108/SR-07-2017-0141 , -, 2017.
M24	1372003 2017	М. Филиповић, Љ. Кевац, A new Winch Construction for Smooth Cable Winding/Unwinding, FACTA UNIVERSITATIS, Series: Mechanical Engineering, University of Niš, 15, 3, pp. 367 – 381, 0354-2025, 531, 10.22190/FUME171002020F, Niš, 2017.
M24	1386716 2017	Abubakr Kraedegh, W. Li, А. Седмак, А. Грбовић, Н. Тришовић, Р. Митровић, С. Кирић, Simulation of fatigue crack growth in a2024-t351 T-welded joint, INTEGRITET I VEK KONSTRUKCIJA, Society for Structural Integrity and Life, IMS Institute, 17, 1, pp. 3 – 6, 1451-3749, Beograd, Mar2017.
M24	1394033 2017	И. Чамагић, С. Седмак, А. Седмак, З. Бурзић, А. Тодић, Impact of temperature and exploitation time on plane strain fracture toughness, K _{Ic} , in a welded joint, Structural Integrity and Life, Društvo za integritet i vek konstrukcija, 17, 3, pp. 239 – 244, 1451-3749, 2017.
M24	1396723 2017	Simon Sedmak, Radomir Jovičić, Aleksandar Sedmak, Branislav Đorđević, Ivica Čamagić, NUMERICAL ANALYSIS OF DIFFERENT WELD GEOMETRIES OF LAP WELDED JOINT IN AMMONIA TRANSPORT TANKS, Structural Integrity and Life, Društvo za integritet i vek konstrukcija, 17, 3, pp. 217 – 220, 1451-3749, 2017.
M24	1378714 2017	К. Максимовић, И. Васовић, М. Максимовић, Д. Стаменковић, Д. Турнић, OPTIMAL DESIGN OF AIRCRAFT STRUCTURAL COMPONENTS, OPTIMIZACIJA ELEMENATA VAZDUHOPLOVNIH KONSTRUKCIJA, INTEGRITET i vek konstrukcija, Structural Integrity and Life, Society for Structural Integrity and Life, 1451-3749, 2017.
M24	1378707 2017	М. Максимовић, И. Васовић, К. Максимовић, Н. Тришовић, С. Максимовић, Residual Life Estimation of Cracked Aircraft Structural Components, FME Transactions, Faculty of Mechanical Engineering, Belgrade, 46, 1, pp. 124 – 128, 10.5937/fmet1801124M, 2017.
M24	1379923 2017	К. Хедрих (Стевановић), Central collision of two rolling balls: theory and examples, Advances in Theoretical and Applied Mechanics, 10, 1, pp. 33 – 79, 1313-6550, 2017.
M32	1371039 2017	А. Хедрих, К. Хедрих (Стевановић), Relation between centrosome excitation and oscillatory energy of mitotic spindle in metaphase trough biomechanical oscillatory model of mitotic spindle., Mathematics XXI Century & Natural Science". Book of Abstracts: IV International Seminar "Nonlinear Phenomenology Advances" (October 3–6, 2017); III International Wokshop "Scientific & Educational Problems of Belarusian Nuclear Power Plant Project" (October 4 – 6, 2017). Edited by V. I. Antonov & D.W. Serow., St. Petersburg: Publishing House of SPbPU., SPbPU, Saint
M33	1372477 2017	М. Филиповић, Љ. Кевац, А. Ђурић, Elastic F type Cable - Suspended Parallel Robot with One Mode, Proceedings of 4th International Conference on Electrical, Electronics and Computing Engineering, IcETRAN 2017, IcETRAN 2017, pp. ROI2.3.1 – ROI2.3.5, 978-86-7466-692-0, Kladovo, Serbia, 5. – 8. Jun, 2017
M33	1371118 2017	А. Хедрих, К. Хедрих (Стевановић), Resonance as potential mechanism for homolog chromosomes separation trough biomechanical oscillatory model of mitotic spindle., Proceedings (Elektronski izvor) The 6th International Congress of Serbian Society of Mechanics, Mountain Tara, Serbia, June 19-21, 2017. Edited by Mihailo P. Lazarevic et al. Minisimposia-Bioengineering (M3), Serbian Society of Mechanics: Faculty of Mechanical Engineering, University of Belgrade, 2017 (Arandelovac: Đurđevdan) -1 USB fleš memorija 9x5 cm (u obliku kartice), pp. 1 – 10,
M33	1371190 2017	А. Хедрих, К. Хедрих (Стевановић), Influence of mass chromosome distribution in equatorial plane on oscillatory energy of mitotic spindle trough biomechanical oscillatory model of mitotic spindle., 14th INTERNATIONAL CONFERENCE Dynamical Systems - Theory and Applications December 11-14, 2017. Lodz, POLAND. -DSTA 2017 Lodz, Poland., Позвано за штампау у Springer Proceedings in Mathematics & Statistics series., pp. 1 – 10, Lodz, POLAND, 11. – 14. Dec, 2017

M33	1369069 2017	С. Стојановић, Д. Дебелковић, М. Стевановић, Milan S. Stojanovic, Delay decomposition approach to delay dependent stability for linear discrete-time systems with time-varying delay, Proc. of 6th International Congress of Serbian Society of Mechanics, Serbian Society of Mechanics and Faculty of Mechanical Engineering, University of Belgrade, pp. 1 - 10, 978-86-909973-6-7, Mountain Tara, 19. - 21. Jun, 2017
M33	1369087 2017	С. Стојановић, Д. Дебелковић, М. Стевановић, М. Стојановић, Reciprocally convex approach to finite-time stability of systems with time-varying delays, Proc. of 6th International Congress of Serbian Society of Mechanics, Serbian Society of Mechanics and Faculty of Mechanical Engineering, University of Belgrade, pp. 1 - 8, 978-86-909973-6-7, Mountain Tara, Serbia, 19. - 21. Jun, 2017
M33	1372659 2017	Д. Момчиловић, И. Атанасовска, APPLICATION OF GRADIENT ELASTICITY ON CORROSION FATIGUE DAMAGE ASSESSMENT, Proceedings of the 6th International Congress of Serbian Society of Mechanics (elektronski), Srpsko društvo za mehaniku, Beograd, pp. 1 - 4, 978-86-909973-6-7, Tara, Srbija, 19. - 21. Jun, 2017
M33	1372633 2017	И. Атанасовска, Д. Момчиловић, DYNAMICS OF COMPLEX SYSTEMS CONSIST OF DEFORMABLE BODIES IN CONTACT - THE NEW APPROACH, Proceedings of the 6th International Congress of Serbian Society of Mechanics (elektronski), Srpsko društvo za mehaniku, Beograd, pp. 1 - 6, 978-86-909973-6-7, Tara, Srbija, 19. - 21. Jun, 2017
M33	1373082 2017	И. Атанасовска, К. Хедрих (Стевановић), COMPARATIVE ANALYSIS OF VIBRO-IMPACT OSCILLATIONS OF SPUR GEAR PAIR FOR VARIATION OF GEARS TRANSMISSION RATIO, Proceedings of the 8th International Scientific Conference „Research and development of mechanical elements and systems” IRMES2017, University of Montenegro, Faculty of Mechanical Engineering, pp. 209 - 214, 978-9940-527-53-2, Trebinje, Republika Srpska, Bosna i Hercegovina, 7. - 9. Sep, 2017
M33	1373118 2017	И. Атанасовска, S. Karuppanan, S. Patil, NEW METHODOLOGIES FOR GEAR DESIGN IN ENERGY EFFICIENT POWER TRANSMISSIONS, Proceedings of the 8th International Scientific Conference „Research and development of mechanical elements and systems” IRMES2017, University of Montenegro, Faculty of Mechanical Engineering, pp. 203 - 208, 978-9940-527-53-2, Trebinje, Republika Srpska, Bosna i Hercegovina, 7. - 9. Sep, 2017
M33	1373148 2017	Р. Митровић, Д. Момчиловић, И. Атанасовска, DETERMINATION OF CRITICAL SIZE OF CORROSION PIT ON MECHANICAL ELEMENTS IN HYDRO POWER PLANTS, Proceedings of the 8th International Scientific Conference „Research and development of mechanical elements and systems” IRMES2017, University of Montenegro, Faculty of Mechanical Engineering, pp. 355 - 358, 978-9940-527-53-2, Trebinje, Republika Srpska, Bosna i Hercegovina, 7. - 9. Sep, 2017
M33	1373334 2017	Љ. Кевац, М. Филиповић, А. Ђурић, Elastic S type Cable - Suspended Parallel Robot in Presence of Second Mode, 6th International Congress of Serbian Society of Mechanics, Serbian Society of Mechanics, pp. 1 - 10, 978-86-909973-6-7, Mountain Tara, Serbia, 19. - 21. Jun, 2017
M33	1373646 2017	Lazarević Mihailo, Đurović Nikola, Cvetković Boško, Mandić Petar, Cajić Milan, PDalpha Type Iterative Learning Control for Fractional-order Singular Time-delay System, 29th Chinese Control And Decision Conference (CCDC), pp. 1905 - 1910, 1948-9447, 10.1109/CCDC.2017.7978828, 978-1-5090-4656-0, Chongqing, China, 28. - 30. May, 2017
M33	1368164 2017	Lazarević Mihailo, Cajić Milan, Mandić Petar, Šekara Tomislav, Sun HongGuang, Karličić Danilo, Multi-mode active vibration control of a nanobeam using a non-square MIMO PID controller, Control And Decision Conference (CCDC), 2017 29th Chinese, IEEE, pp. 57 - 62, 1948-9447, 10.1109/CCDC.2017.7978066, 978-1-5090-4656-0, Chongqing, China, 28. - 30. May, 2017
M33	1368006 2017	Mandić Petar, Lazarević Mihailo, Šekara Tomislav, Cajić Milan, Bučanović Ljubiša, Stabilization of double inverted pendulum system by using a fractional differential compensator, 29th Chinese Control And Decision Conference (CCDC), 2017, pp. 1911 - 1916, 1948-9447, 10.1109/CCDC.2017.7978829, 978-1-5090-4656-0, Chongqing, China, 28. - 30. May, 2017
M33	1384173 2017	И. Атанасовска, H. Abderazek, COMPARATIVE ANALYSIS OF FEW NEW PROCEDURES FOR SPUR GEARS TOOTH PROFILE OPTIMIZATION WITH DIFFERENT METHODS AND ASPECTS, Proceedings of the International Conference on Gears 2017, Book Series: VDI Berichte, VDI Verlag GmbH, Dusseldorf, 2294, 1-2, pp. 1169 - 1176, 0083-5560, 978-3-18-092294-2, Garching near Munich, Germany, 13. - 15. Sep, 2017
M33	1386746 2017	Н. Тришовић, W. Li, А. Седмак, А. Петровић, Р. Митровић, 3. Стокић, ITERATIVE METHODS FOR EIGENSSENSITIVITY ANALYSIS - A REVIEW, Proceedings of the 6th International Congress of Serbian Society of Mechanics, Serbian Society of Mechanics, 978-86-909973-6-7, Tara, Serbia, 19. - 21. Jun, 2017
M33	1359824 2017	J.M. Ђоковић, J. Bujnak, P. Николић, Stability analysis of portal frames in inelastic domain, Proceedings of Conference "Static of Structures 2017", Spolok Statikov Slovenska, pp. 109 - 115, 978-80-89655-09-0, Piešťany, Slovakia, 16. - 17. Mar, 2017

M33	1360010 2017	J. Ђоковић, Д. Таникић, Р. Николић, С. Калиновић, Analysis of the fatigue life and structural improvement of supporting beam of the vibrating screen, Proceedings of The 49th International October Conference on Mining and Metallurgy IOC 2017, University of Belgrade, Technical Faculty of Bor, pp. 298 – 301, 978-86-6305-066-2, Bor Lake, Bor, Serbia, 18. – 21. Oct, 2017
M33	1378723 2017	С. Максимовић, И. Васовић, М. Максимовић, М. Ђурић, COMPUTATIONS AND EXPERIMENTAL STRENGTH ANALYSIS OF HELICOPTER TAIL ROTOR BLADES MADE FROM COMPOSITE MATERIALS, 13th International conference on accomplishments in mechanical and industrial engineering DEMI 2017, Faculty of Mechanical Engineering, University of Banja luka, 978-99938- 39-73- 6, Banja luka, 26. – 27. May, 2017
M33	1386739 2017	Н. Тришовић, W. Li, Н. Младеновић, О. Јеремић, И. Гроздановић, А. Петровић, EIGENSENSITIVITY AND STRUCTURAL OPTIMIZATION WITH ACCENT ON THE REPEATED FREQUENCIES, Proceedings of the 6th International Congress of Serbian Society of Mechanics, Serbian Society of Mechanics, 978-86-909973-6-7, Tara, Serbia, 19. – 21. Jun, 2017
M33	1378918 2017	К. Хедрих (Стевановић), Phase portrait and energy surface of non-linear system with one degree of freedom: Characteristic examples, Proceedings of the 6th International Congress of Serbian Society of Mechanics, Tara, June 19-21, 2017, pp.1-10. Edited by: Mihailo Lazarević et all, Published by Serbian Society of Mechanics and Faculty of Mechanical Engineering, University of Belgrade, Belgrade, pp. 1 – 10, ISBN 978-86-909973-6-7, 19. – 21. Jun, 2017
M33	1384750 2017	Д. Дебељковић, Н. Димитријевић, Г. Симеуновић, Further Results on Finite Time Stability of Continuous Time Delay Systems: Basic Algebraic Approach, Proc. Fourteen International Scientific Conference „Development of Higher Schools in the Context of European Requirements for Quality of Education Services, pp. 2303 – 2310, Bansko, Bulgaria, 17. – 19. Dec, 2017
M33	1384744 2017	Д. Дебељковић, М. Седак, Further Results on Finite-time Stability of Continuous Singular Time Delay Systems, Proc. The 12th IEEE Conference on Industrial Electronics and Applications (ICIEA) 2017, pp. 18 – 20 , Siem Reap, (Cambodia), 18. – 20. Jun, 2017
M33	1384740 2017	Д. Дебељковић, Г. Симеуновић, Н. Димитријевић, Finite Time Boundness of Linear Discrete Descriptor Systems: An Modern LMI Approach, Proc. International Scientific Conference, pp. 179 – 189, Sofia (Bulgaria), 17. – 18. Jun, 2017
M33	1374239 2017	Р. Радуловић, Б. Јеремић, А. Обрадовић, З. Стокић, Global Minimum Time for the Brachistochronic Motion of a Particle in an Arbitrary Field of Potential Forces, The 6th International Congress of Serbian Society of Mechanics, Serbian Society of Mechanics and Faculty of Mechanical Engineering, University of Belgrade, pp. 1 – 8, 978-86-909973-6-7, Србија, 19. – 21. Jun, 2017
M33	1407815 2017	К. Хедрих (Стевановић), Energy dissipation, free and forced modes in dynamics of two classes of fractional order systems, 14th International Conference Dynamical Systems Theory and Applications-DSTA 2017, Mathematical and Numerical Aspects of Dynamical Systems Analysis, Edited by Jan Awrejcewicz, M. Kazmierczak, J. Mrozowski, P. Oleumol., Department of Automation, Biomechanics and Mechatronics, pp. 242 – 252, 978-83-935312-6-4, Łódź, Poland, 11. – 14. Dec, 2017
M33	1378728 2017	Катарина Максимовић, Драги Стаменковић, Слободанка. Бољановић, Мирко Максимовић, Ивана Васовић, Modeling fracture mechanics parameters of cracked structural elements under thermomechanical loadS, Proceedings of the 13th International conference on accomplishments in mechanical and industrial engineering, DEMI 2017, Универзитет у Бањој Луци, Машински факултет, pp. 567 – 576, 978-99938- 39-72- 9, Бања Лука, Република Српска, 26. – 27. May, 2017
M33	1402121 2017	Слободанка. Бољановић, Стеван Максимовић, Страин Посављак, Crack propagation analysis of cyclically loaded structural components, Proceedings of the 13th International Conference on Accomplishments in Mechanical and Industrial Engineering., DEMI 2017, Универзитет у Бањој Луци, Машински факултет, pp. 561 – 566, 978-99938- 39-72- 9, Бања Лука, Република Српска, 26. – 27. May, 2017
M33	1367989 2017	О. Anicic, С. Јовић, М. Marsenic, V. Vukojevic, PROCESS OF CHIPS FORMING, V International Congress “Engineering, Environment and Materials in Processing Industry”, Tehnološki fakultet Zvornik, Bosnia and Herzegovina, Tehnološki fakultet Zvornik, Bosnia and Herzegovina, -, -, pp. 1729 – 1736, -, -, 978-99955-81-21-3, Jahorina, Republic of Srpska, Bosnia and Herzegovina, 15. – 17. Mar, 2017
M33	1373487 2017	Ј. Ђокић, С. Јовић, Н. Арсић, О. Anicic, ENERGY EFFICIENCY MEASURES AND SUSTAINABLE DEVELOPMENT, 6th International Symposium MINING AND ENVIRONMENTAL PROTECTION, CENTER FOR ENVIRONMENTAL ENGINEERING Mining Department, Faculty of Mining and Geology, Belgrade Serbia, Faculty of Mining and Geology, Belgrade Serbia, -, -, pp. 214 – 219, -, -, 978-86-7352-298-2, Vrdnik, Serbia, 21. – 24. Jun, 2017
M33	1373578 2017	V. Krstić, Н. Арсић, С. Јовић, Б. Крстић, INFLUENCE TECHNICAL CONDITION OF VEHICLES ON ROAD SAFETY, VI International Symposium NEW HORIZONS 2017 of transport and communications, Faculty of Transport and Traffic Engineering Doboj, University of East Sarajevo, Bosnia and Herzegovina, Faculty of Transport and Traffic Engineering Doboj, University of East Sarajevo, Bosnia and Herzegovina, -, -, pp. 40 – 40, -, 656.1/7(048.3), -, 978-99955-36-64-0, East Sarajevo, Bosnia and Herzegovina, 17. – 18. Nov, 2017

M33	1367963 2017	C. Јовић, О. Anicic, M. Marsenic, MODELS OF DYNAMICAL PROCESS OF CHIP FORMING, V International Congress "Engineering, Environment and Materials in Processing Industry", Tehnološki fakultet Zvornik, Bosnia and Herzegovina, Tehnološki fakultet Zvornik, Bosnia and Herzegovina, -, -, pp. 1737 - 1750, -, -, 978-99955-81-21-3, Jahorina, Republic of Srpska, Bosnia and Herzegovina, 15. - 17. Mar, 2017
M33	1373454 2017	C. Јовић, О. Anicic, H. Skrijelj, Analyzing of the most dominant cutting parameters on the chip form prediction by adaptive neuro-fuzzy technique, 8th Symposium on thermodynamics and phase diagrams, Committee for thermodynamics and phase diagrams Serbia in cooperation with: Faculty of Technical Sciences in Kosovska Mitrovica, Technical Faculty in Bor and Associated Phase Diagram and Thermodynamics Committee, Faculty of Technical Sciences, Kosovska Mitrovica, Serbia, -, -, pp. 50 - 51, -, -, 978-86-80893-71-6, Kosovska Mitrovica, Serbia, C. Јовић, VIBRO-IMPACT SYSTEM BASED ON FORCED OSCILLATIONS OF HEAVY MASS PARTICLE ALONG A ROUGH CICLOID, 6th International Congress of Serbian Society of Mechanics, Serbian Society of Mechanics and Faculty of Mechanical Engineering, University of Belgrade, Serbia, Serbian Society of Mechanics and Faculty of Mechanical Engineering, University of Belgrade, Serbia, -, -, pp. 1 - 8, -, -, 978-86-909973-6-7, Tara, Serbia, 19. - 21. Jun, 2017
M33	1373514 2017	Б. Крстић, V. Krstić, H. Арсић, C. Јовић, Influence technical condition of vehicles on road safety, Internationalni Simpozijum New Horizons 2017 of Transport and Communications, Facultu of Transport and Traffic Engineering, Doboj, 978-99955-36-64-0, Добој, Р. Српска, 2017.
M33	1373529 2017	J. Ђокић, H. Арсић, C. Јовић, П. Станојевић, DESK STUDY ON ASSESSMENT AND RECOMMENDATIONS IN INFRASTRUCTURE REHABILITATION IN POST DISASTER PERIOD, International Scientific conference: IMPACT OF CHANGES IN OPERATIONAL ENVIRONMENT on preparation and execution (design) of operations, POKO 2017, The Military Academy, University of defence in Belgrade Serbia, The Military Academy, University of defence in Belgrade, Serbia, -, -, pp. 641 - 651, -, -, 978-86-335-0582-6, Belgrade, Serbia, 2. - 3.
M34	1371263 2017	A. Хедрих, K. Хедрих (Стевановић), Analysis of oscillatory motions of chromosomes during anaphase using biomechanical oscillatory model of mitotic spindle., ENOC- 2017. 9th European Nonlinear Dynamics Conference, 25-30 June, 2017. Budapest, Hungary., pp. ID.372 - ID.372, 978-963-12-9168-1, Budapest, Hungary., 25. - 30. Jun, 2017
M34	1371315 2017	Nikola Nešić, Milan Cajić, Danilo Karličić, Nonlinear principal resonance of an orthotropic and magnetoelastic rectangular plate oscillating on fractional viscoelastic layer, Proceedings of the Sixth Serbian (31st Yu) Congress on Theoretical and Applied Mechanics, Serbian Scientific Society, 978-86-909973-6-7, Tara, Serbia, 19. - 21. Jun, 2017
M34	1370479 2017	Karličić Danilo, Cajić Milan, Nonlinear dynamics of a functionally graded nonlocal nanobeam in thermal environment by using incremental harmonic balance and Melnikov method, Proceedings of the 9th European Nonlinear Dynamics Conference (ENOC 2017), 978-963-12-9168-1, Budimpešta, Mađarska, 25. - 30. Jun, 2017
M34	1373625 2017	I. Атанасовска, H. Солдат, DYNAMICS OF BALL BEARINGS WITH DAMAGES AT OUTER RACEWAY SURFACE - VIBRATION RESPONSE UNDER DIFFERENT LOADS, 9th European Nonlinear Dynamics Conference (ENOC 2017), Budapest University of Technology and Economics and European Nonlinear Oscillations Conference Committee and Council, pp. 1 - 2, Budapest, Hungary, 25. - 30. Jun, 2017
M34	1370570 2017	Cajić Milan, Karličić Danilo, Lazarević Mihailo, W. Chen, Combined resonance of a nonlocal nanobeam on fractional Pasternak-type viscoelastic foundation, Proceedings of the 9th European Nonlinear Dynamics Conference (ENOC 2017), 978-963-12-9168-1, Budimpešta, Mađarska, 25. - 30. Jun, 2017
M34	1370963 2017	Cajić Milan, Karličić Danilo, Lazarević Mihailo, Combine three to one sub-harmonic resonance of nanobeam on fractional visco-Pasternak type foundation, Proceedings of the 6th International Congress of Serbian Society of Mechanics, Srpsko društvo za mehaniku, pp. 1 - 4, 978-86-909973-6-7, Tara, Srbija, 19. - 21. Jun, 2017
M34	1384761 2017	Д. Дебељковић, Discrete Time Delayed System Stability Theory in the Sense of Non – Lyapunov : Delay Independent and Delay Dependent Approach, Discrete Time Delayed System Stability Theory in the Sense of Non – Lyapunov : Delay Independent and Delay Dependent Approach, 2. - 5. Jul, 2017
M34	1374779 2017	M. Лазаревић, Н. Ђуровић, М. Џајић, Б. Цветковић, П. Мандић, Feedback p α type iterative learning control for fractional-order human arm-support nonlinear system, ENOC 2017, ID.353, pp. 1 - 2, 978-963-12-9168-1, Budampest, Hungary, 25. - 30. Jun, 2017
M34	1384755 2017	Д. Дебељковић, Г. Симеуновић, On Stability of Time Varying Delay Singular Systems over the Finite Time Interval, On Stability of Time Varying Delay Singular Systems over the Finite Time Interval, 2. - 5. Jul, 2017

M34	1374793 2017	М. Лазаревић, М. Цајић, Д. Карличић, Љ. Бучановић, М. Dragović, Combined Resonance of Magnetically Influenced Nanobeam on Fractional Visco-Pasternak Type Foundation, 14th International Conference on Nanosciences & Nanotechnologies – NN17, P2-13, pp. 103 - 103, Thessaloniki, Greece, 4. - 7. Jul, 2017
M34	1398370 2017	К. Хедрих (Стевановић), Partial fractional order differential equations of transversal vibrations of an axially moving hybrid multi-belt system on the nonlocal theory, Abstracts of 14th International Conference Dynamical Systems Theory and Applications, December 11-14, 2017, Łódź, Poland, DSTA 2017, pp. 231 - 231, 978-83-935312-3-3, Łódź, Poland, 11. - 14. Dec, 2017
M34	1398368 2017	К. Хедрих (Стевановић), Energy dissipation, free and forced modes in dynamics of two classes of fractional order systems, Abstracts of 14th International Conference Dynamical Systems Theory and Applications, December 11-14, 2017, Łódź, Poland, DSTA 2017, pp. 230 - 230, 978-83-935312-3-3, Łódź, Poland, 11. - 14. Dec, 2017
M34	1398374 2017	А. Хедрих, К. Хедрих (Стевановић), Influence of mass chromosome distribution in equatorial plane on oscillatory energy of mitotic spindle trough biomechanical oscillatory model of mitotic spindle, Abstracts of 14th International Conference Dynamical Systems Theory and Applications-DSTA 2017. id: LIF85., pp. 229 - 229, 978-83-935312-3-3, Łódź, Poland, 11. - 14. Dec, 2017
M34	1378921 2017	К. Хедрих (Стевановић), On the Memory of the late Mileva Prvanović: My remembering of academician Mileva Prvanović (July 16, 1929 - February 12, 2016), Program and Abstracts of The 15th international conference of tensor society differential geometry and its applications, and informatics besides, Shinshu University, Aug. 21-25, 2017, p. 1. and p.3 with additional Appendix and PDF file., Shinshu University, pp. 1 - 3, Japan, 21. - 25. Aug, 2017
M34	1378922 2017	К. Хедрих (Стевановић), Tensor equations of the dynamics of the discrete systems with hereditary and/or fractional type light elements, Program and Abstracts of The 15th international conference of tensor society differential geometry and its applications, and informatics besides, Shinshu University, Aug. 21-25, 2017, Shinshu University, pp. 4 - 6, 21. - 25. Aug, 2017
M34	1399619 2017	И. Атанасовска, Д. Момчиловић, М. Вукшић Поповић, MODAL ANALYSIS OF THE HYDRO TURBINE SHAFT WITH CRACKS, Abstracts of 14th International conference Dynamical Systems - Theory and Applications, Lodz University of Technology, Faculty of Mechanical Engineering, Department of Automation, Biomechanics and Mechatronics, Łódź, Poland, pp. 126 - 126, 978-83-935312-3-3, Łódź, Poland, 11. - 14. Dec, 2017
M34	1378740 2017	К. Максимовић, И. Васовић, М. Максимовић, RESIDUAL FATIGUE LIFE ESTIMATION OF CRACKED AIRCRAFT LUGS UNDER LOAD SPECTRUM, „International Conference of Experimental and Numerical Investigations and New Technologies“ CNN Tech 2017, Innovation Center of Faculty of Mechanical Engineering Faculty of Mechanical Engineering, University of Belgrade Center for Business Trainings, pp. 39 - 39, 978-86-7083-938-0, Zlatibor, Srbija, 2. - 5. Jul, 2017
M34	1399443 2017	S. Patil, S. Karuppanan, И. Атанасовска, EFFECT OF FRICTION INCLUSION ON GEAR CONTACT STRESSES, Booklet of Abstracts, Mini-symposium: "Contact Mechanics: Theory and Applications", urednik: Katica (Stevanović) Hedrih i Ivana Atanasovska, Sven, Matematičkom institutu SANU, Beograd, pp. 19 - 20, 978-86-7746-646-6, COBISS.SR-ID 230127884, Beograd, 14. - 14. Mar, 2017
M34	1399832 2017	И. Атанасовска, М. Вукшић Поповић, Д. Момчиловић, DYNAMICS OF TRAIN COMPOSITION AS A DISCRETE NON-HOMOGENEOUS CHAIN SYSTEM, Abstracts of 14th International conference Dynamical Systems - Theory and Applications, Lodz University of Technology, Faculty of Mechanical Engineering, Department of Automation, Biomechanics and Mechatronics, Łódź, Poland, pp. 125 - 125, 978-83-935312-3-3, Łódź, Poland, 11. - 14. Dec, 2017
M34	1378920 2017	К. Хедрих (Стевановић), Energy method applied to the asymptotic methods of Non-linear mechanics, Proceedings of the 9th European Nonlinear Dynamics Conference (ENOC 2017) in Budapest, Hungary, 25-30 June, 2017 in the campus of Budapest University of Technology and Economics. MS-02 Asymptotic Methods, pp. 1 - 2, ISBN 978-963-12-9168-1, ID.343, Budapest, Hungary, 25. - 30. Jun, 2017
M34	1378924 2017	К. Хедрих (Стевановић), Approximations in an investigation of the vibro-impact dynamics of rolling bodies in successive central collisions on curvilinear trace, Book of Absytacys, ACTA 2017: Approximation and Computation - Theory and Applications, Dedicated to Professor Walter Gautschi on the Occasion of his 90th Anniversary, November 30 – December 2, 2017, SASA, Belgrade, Serbia., SASA, pp. 25 - 26, Belgrade, Serbia, 30. Nov - 02. Dec, 2017
M34	1378923 2017	К. Хедрих (Стевановић), Vibro-impact dynamics of two rolling balls along curvilinear trace, Bool of Abstract, of X International Conference on Structural Dynamics, EURODYN 2017, Edited by Fabrizio Vestroni, Francesco Romeo and Vincenzo Gattu, Apienza University Rome, Faculty of Civil and Industrial Engineering, La Sapienza University Rome, Faculty of Civil and Industrial Engineering., pp. 37 - 38, 978-88-907854-1-2., 2017.
M36	1378927 2017	К. Хедрих (Стевановић), И. Атанасовска, Editor of, Booklet of Abstracts, Mini-symposium: "Contact Mechanics: Theory and Applications", Mathematical Institute of SASA and Project OI174001, Belgrade, Serbia, March 14, 2017, from 10:30-19:00h, room II, first floor, Kneza Mihaila 36, Свен, Mathematical Institute of SASA and Project OI174001, Belgrade, Serbia, 978-86-7746-646-6 . COBISS.SR-ID 230127884, 14. - 14. Mar, 2017

M42	1369112 2017	С. Стојановић, Д. Дебељковић, Д. Антић, Stabilitnost i robusnost posebnih klasa sistema automatskog upravljanja na konačnom vremenskom intervalu I Deo, Stabilitnost i robusnost posebnih klasa sistema automatskog upravljanja na konačnom vremenskom intervalu I Deo, Tehnološki fakultet u Leskovcu, Univerzitet u Nišu, 681.511.2.037, 978-86-89429-16-9, 2017.
M42	1384731 2017	Д. Дебељковић, Material Process Dynamics, Material Process Dynamics, Tehnološki Fakultet Leskovac, 978-86-89429-21-3, 2017.
M42	1384722 2017	Д. Дебељковић, С. Рибар, Modelling and Dynamics of Industrial Processes II PART, Modelling and Dynamics of Industrial Processes II PART, 978 – 86 – 7083 – 951 – 9, 2017.
M42	1384728 2017	Д. Дебељковић, И. Бузуровић, М. Мишљен, Dynamics of Control Systems described by Algebro_Differential Equations with Retarded Argument, Part II, Dynamics of Control Systems described by Algebro_Differential Equations with Retarded Argument, Part II, Fakultet inženjerskih nauka Kragujevac, 978-86-6335-047-2, 2017.
M51	1384310 2017	И. Атанасовска, MULTI-BODY CONTACT IN NON-LINEAR DYNAMICS OF REAL MECHANICAL SYSTEMS, Procedia Engineering, Elsevier, 199, pp. 510 - 515, 1877-7058, 10.1016/j.proeng.2017.09.139, 2017.
M51	1385373 2017	М. Стаменковић Атанасов, Д. Карличић, П. Козић, Г. Јаневски, Thermal effect on free vibration and buckling of a double-microbeam system, FACTA UNIVERSITATIS Series: Mechanical Engineering, 15, 1, pp. 45 - 62, 10.22190/FUME161115007S, 2017.
M51	1386002 2017	Слободанка Бољановић, Стеван Максимовић, Fatigue damage analysis of wing-fuselage attachment lug, Procedia Structural Integrity - The 2nd International Conference on Structural Integrity, ICSI 2017, 4-7 September 2017, Madeira, Portugal, Elsevier, 05, pp. 801 - 808, 2452-3216, doi: 10.1016/j.prostr.2017.07.053, 2017.
M51	1379943 2017	К. Хедрих (Стевановић), Vibro-impact dynamics of two rolling balls along curvilinear trace, Procedia Engineering. X International Conference on Structural Dynamics, EURO DYN 2017. Edited by Fabrizio Vestroni, Francesco Romeo and Vincenzo Gattu., Elsevier, 199, pp. 663 - 668, 1877-7058, https://doi.org/10.1016/j.proeng.2017.09.120 , 2017.
M52	1384771 2017	Д. Дебељковић, Г. Симеуновић, Modelling, Simulation and Geometric Optimization of Cross Flow Recuperative Heat Exchanger based on Controllability Codiniton Number, Modelling, Simulation and Geometric Optimization of Cross Flow Recuperative Heat Exchanger based on Controllability Codiniton Number, Savez inženjera i tehničara Srbije, 66, 2, pp. 221 - 228, 2017.
M52	1367937 2017	О. Anicic, С. Јовић, Aleksandar D. Mitkic, Modeli dinamičkog procesa formiranja strugotine, TEHNIKA (časopis Saveza inženjera i tehničara Srbije), Tehnika, 66, 3, pp. 367 - 373, 0461-2531, 621.9.013.3, 10.5937/tehnika1703367A, -, 2017.
M53	1372369 2017	Д. Шарац, И. Атанасовска, С. Вуловић, Н. Митровић, I. Tanasić, NUMERICAL STUDY OF THE EFFECT OF DENTAL IMPLANT INCLINATION, Journal of the Serbian Society for Computational Mechanics, Serbian Society for Computational Mechanics, 11, 2, pp. 63 - 79, 1820-6530, 10.24874/jsscm.2017.11.02.06, 2017.
M53	1371343 2017	А. Хедрих, К. Хедрих (Стевановић), Multi-parametric dependence of deformation work of Zona Pelucida in fertilization process trough quasi-static continual shell -like ZP model, Discontinuity, Nonlinearity, and Complexity ., 6(4), pp. 465 - 476, 2164 –6376, eISSN 2164–6414, 2017.
M62	1363850 2017	Марија Вукшић Поповић, Саша Радуловић, Contact mechanics of wheel/brake block on rail vehicles / Механика контакта точак/папуча железничких возила, Booklet of Abstracts Mini -simpozijum "Contact Mechanics: Theory and Aplications, Математички институт САНУ, pp. 29 - 30, 978-86-7746-646-6, Београд, 14. - 14. Mar, 2017
M62	1386373 2017	И. Атанасовска, PHENOMENOM OF CONTACT OF DEFORMABLE BODIES WITHIN THEIR MOVEMENTS AND INTERACTIONS IN THE SPACE, Booklet of Abstracts, Mini-symposium "Nonlocal theory of mechanical structures", Organizator i urednik: Danilo Karličić i Milan Cajčić, Sven, pp. 17 - 18, 978-86-7746-661-9, Beograd, 25. - 25. Apr, 2017

M62	1378931 2017	K. Хедрих (Стевановић), Dinamika vibro-udarnih sistema tela u kotrljanju., 45 minutno predavanje u okviru Ciklusa javnih predavanja Srpske akademije nauka i umetnosti u Ogranka SANU u Nišu, 13 novembra 2017, Nis, Serbia, 13. - 13. Nov, 2017
M62	1378929 2017	K. Хедрих (Стевановић), A review: Two models of transversal vibrations of axially moving sandwich malty-belts system (Katica (Stevanovi ć) Hedrih, Један преглед: два модела трансверзалних осцилација аксијално покретних сендвич система са више трака), Booklet of Abstracts, Mini-Symposium, "Nonlocal theory of mechanical structures", Mathematical Institute of the SASA and Project OI 174001, Belgrade, 25 April 2017., pp. 9 - 10, ISBN 978-86-7746-661-9, Belgrade, Serbia, 25. - 25. Apr, 2017
M62	1378930 2017	K. Хедрих (Стевановић), A review: Two methods and two models for investigation of stochastic stability of deformable forms and dynamical processes in hybrid systems with complex structures (Katica (Stevanović) Hedrih, Један преглед: Две методе и два модела стохастичке стабилности деформабилних форми и динамичких процеса у хибридним системима са комплексним структурама)., Booklet of Abstracts, Mini-Symposium: Stochastic Vibrations and Fatigue: Theory and Applications, Project OI 174001 in Mathematical Institute of SASA and A. Хедрих, K. Хедрих (Стевановић), Mitotic Spindle as Complex Structure: Relation Between Spindle Size and Energy Distribution., Book of abstracts of the Fifth Conference on Information Theory and Complex Systems TINKOS 2017, November 9-10, 2017. Belgrade, Serbia.Electronic version., Mathematical Institute SASA, Belgrade, Serbia, pp. 3 - 3, 978-86-80593-61-6, Belgrade, Serbia, 9. - 10. Nov, 2017
M64	1372804 2017	Nikola Nešić, The free vibration problem of classical and nonlocal stepped beams, Mini-symposium „Nonlocal theory of mechanical systems“, Matematički Institut SANU, 978-86-7746-661-9, Belgrade, Serbia, 25. - 25. Apr, 2017
M64	1370783 2017	Cajić Milan, Analysis of combined sub-harmonic and super-harmonic resonances of a nanobeam on fractional visco-Pasternak foundation using nonlocal elasticity theory, Book of abstracts of mini-symposium „Nonlocal theory of mechanical systems“, Matematički institut SANU, 978-86-7746-661-9, Beograd, Srbija, 25. - 25. Apr, 2017
M66	1379902 2017	K. Хедрих (Стевановић), Editor of Booklet of Abstracts, Project OI 174001 in Mathematical Institute of SASA and Bilateral Project 2015-2017, No.: 3 – 19, Faculty of Mechanical Engineering, University of Belgrade and School of Science, Northwestern Polytechnic University, Xi'an, Shaanxi, MI SASA, Belgrade, Serbia, July 4, 2017, at 11h, Auditoria I, ISBN 978-86-7746-672-5, Belgrade, Serbia, 2017.
M66	1379878 2017	K. Хедрих (Стевановић), PREFACE (ПРЕДГОВОР), Booklet of Abstracts, Mini-Symposium: Stochastic Vibrations and Fatigue: Theory and Applications., Project OI 174001 in Mathematical Institute of SASA and Bilateral Project 2015-2017, No.: 3 – 19, Faculty of Mechanical Engineering, University of Belgrade and School of Science, Northwestern Polytechnic University, Xi'an, Shaanxi, MI SASA, Belgrade, Serbia, July 4, 2017, at 11h, Auditoria I, pp. 3 - 6, ISBN 978-86-7746-672-5, Blgrade, Serbia, 4. - 4. Jul, 2017
M71	1369055 2017	Џајић Милан, Моделирање сложених хибридних структура фракционог типа и примена у динамици система крутих и деформабилних тела, Докторска дисертација, Машински факултет, Универзитет у Београду, pp. 1 - 167, 531.36(043.3) 62.52(043.3), Београд, Sep2017.
M71	1416150 2017	P. Радуловић, ГЛОБАЛНИ МИНИМУМ ВРЕМЕНА КРЕТАЊА МЕХАНИЧКИХ СИСТЕМА СА ОГРАНИЧЕНИМ УПРАВЉАЊИМА И РЕАКЦИЈАМА ВЕЗА, Докторска дисертација, Машински факултет Универзитета у Београду, 531.8:531.33 621.01, Београд, 27. Jan, 2012 - 25. May, 2017
M93	1373533 2017	Љ. Кевац, М. Филиповић, Ж. Стикић, Objavljen patent na nacionalnom nivou: Institut Mihajlo Pupin (2017). Glatko jednodredno vi šeslojno radialno namotavanje užeta na čekrk, Smooth single-rowed multilayered radial winding of the rope on the winch. Serbia, Application number П-2015/0598, Patent at the national level (A1) 31 03 2017. 8/2017, Pending, 2017., Zavod za intelektualnu svojinu Republike Srbije, 2017.

Наташа (Стевановић) Хедрих