



Република Србија  
Министарство просвете, науке  
и технолошког развоја

## УНОС РЕФЕРЕНЦИ ШТАМПАНИ ИЗВ



Молимо Вас да сачекате  
да се подаци форматирају.  
По заврешеном форматирану  
приказаће Вам се дијалог  
за избор штампача и штамп

### Пројекат: 174001

#### Легенда:

\* Резултат није везан за пројекат

\*\*\* Истраживач није на пројекту

#### M13.

• *Petrović, T., Ivanov, I. : New Models of Mechanisms for the Motion Transformation, Advances in Mechanisms design, Mechanics and Machine Sciences (M13)*, 2012, Springer, DOI 10.11007/-84-007, 8, 2211-09-84/978-94-007-5125-5, <http://www.springer.com/physics/applied+%26+technical+physics/book/978-94-007-5124-8>,

1. Томислав Петровић, Ivanov, I\*\*\*, • Petrović, T., Ivanov, I. : New Models of Mechanisms for the Motion Transformation, Advances in Mechanisms design, Mechanics and Machine Sciences Vol. 8, 11th International Conference on the Theory of Machines and Mechanisms, Liberec, Czech Republic, pp. 49-55, 2012, Springer, ISSN 2211-09-84, ISSN 2211-0992(electronic), ISBN 978-94-007-5125-5, ISBN 978-94-007-5125-5 (e-book) DOI 10.11007/-84-007-5125-5. , од стр. 49, до стр. 55

• *Katica (Stevanović) Hedrih, Tijana T. Ivancevic, Rigorous Kinetic Analysis of the Racket Flick-Motion in Tennis for Generating Topspin and Backspin, Horizons in World Physics. Volume 276, Editors: Albert Reimer, Nova Publishers, pp. 167-192. (M13)*, 2011, Editor: Albert Reimer 2011 Nova Science Publishers, Inc., 276, 978-1-61324-654-2, [https://www.novapublishers.com/catalog/product\\_info.php?products\\_id=24874](https://www.novapublishers.com/catalog/product_info.php?products_id=24874)

1. Кагица Хедрих-Стевановић, Tijana T. Ivancevic\*\*\*, Katica (Stevanović) Hedrih, Tijana T. Ivancevic, Rigorous Kinetic Analysis of the Racket Flick-Motion in Tennis for Generating Topspin and Backspin, Horizons in World Physics. Volume 276, Editors: Albert Reimer, Nova Publishers, pp. 167-192., од стр. 167, до стр. 192

• *Hedrih (Stevanović) R. Katica, (2010-2011), Energy analysis in the hybrid system forced regimes, Zbornik praci Institutu Matematiki NANU Ukeaini (Proceeding of Institute of Mathematics NANU Ukraine) , 2010 (2011), Vol. 7, No. 3, pp. 90-107. http://www.imath.kiev.ua/institute/?cat=2&lang=ua (M13)*, 2011, Institute of Mathematics NANU Ukraine, 3, 7, <http://www.imath.kiev.ua/institute/?cat=2&lang=ua>

1. Кагица Хедрих-Стевановић, Hedrih (Stevanović) R. Katica, (2010), Energy analysis in the hybrid system forced regimes, Zbornik praci Institutu Matematiki NANU Ukeaini (Proceeding of Institute of Mathematics NANU Ukraine) , 2010, Vol. 7, No. 3, pp. 90-107. <http://www.imath.kiev.ua/institute/?cat=2&lang=ua> , од стр. 90, до стр. 107

• *Hedrih (Stevanović) K R. (2012), Energy and Nonlinear Dynamics of Hybrid Systems, Book Chapter, in Dynamical Systems and Methods, Edited by Albert Luo, Tenreiro Machado and D Baleanu, , 2012, Part 1, Pages 29-83, 2012, DOI: 10.1007/978-1-4614-0454-5\_2 , ISBN 978-1-4614-0453-8 e-ISBN 978-1-4614-0454-5, Springer New York Dordrecht Heidelberg London http://link.springer.com/chapter/10.1007%2F978-1-4614-0454-5\_2 (M13)*, 2012, Soringer , DOI: 10.1007/978-1-4, 978-1-4614-0453-8/978-1-4614-0454-5, [http://link.springer.com/chapter/10.1007%2F978-1-4614-0454-5\\_2](http://link.springer.com/chapter/10.1007%2F978-1-4614-0454-5_2)

1. Кагица Хедрих-Стевановић, Hedrih (Stevanović) K R. (2012), Energy and Nonlinear Dynamics of Hybrid Systems, Book Chapter, in Dynamical Systems and Methods, Edited by Albert Luo, Tenreiro Machado and D Baleanu, , 2012, Part 1, Pages 29-83, 2012, DOI: 10.1007/978-1-4614-0454-5\_2 , ISBN 978-1-4614-0453-8 e-ISBN 978-1-4614-0454-5, Springer New York Dordrecht Heidelberg London [http://link.springer.com/chapter/10.1007%2F978-1-4614-0454-5\\_2](http://link.springer.com/chapter/10.1007%2F978-1-4614-0454-5_2) , од стр. 29, до стр. 83, DOI: 10.1007/978-1-4614-0454-5\_2

• *Time-Delay Systems (M13)*, 2011, INTECH, 978-953-307-559-4, <http://www.intechopen.com/books/time-delay-systems>

1. Драгутин Дебелковић, Тамара Несторовић-Трајков, D. Lj. Debeljkovic, T. Nestorovic, Time Delay Systems, - Chapter 3 : Stability of Linear Continuous Singular and Discrete Descriptor Time Delayed Systems”, I-Tech, Vienna, (Austria), pp. 31 – 74, 2011. , од стр. 31, до стр. 74, DOI: 10.5772/635

• *Crack Growth: Rates, Prediction and Prevention (M13)*, 2011, Nova Publishers, Inc., New York, 978-1-61470-799-8, [https://www.novapublishers.com/catalog/product\\_info.php?products\\_id=27884](https://www.novapublishers.com/catalog/product_info.php?products_id=27884)

1. Јелена Вељковић-Ђоковић, Ружица Николић\*\*\*, Interfacial Cracks in Bicrystals and Bimaterials, од стр. 101, до стр. 126  
2. Јелена Вељковић-Ђоковић, Ружица Николић\*\*\*, Influence of the interface on Cracks Propagation along it and on Behavior of Cracks Approaching Interface, од стр. 127, до стр. 160  
3. Јелена Вељковић-Ђоковић, Ружица Николић\*\*\*, Problems of Cracks Between the Two Thin Layers, од стр. 161, до стр. 206  
4. Јелена Вељковић-Ђоковић, Ружица Николић\*\*\*, Dynamic growth of Interfacial Cracks, In \"Crack Growth: Rates, Prediction and Prevention, од стр. 207, до стр. 228

• *Chapter 5 In: Horizons in World Physics – Volume 276 ISBN 978-1-61324-654-2 Editor: Albert Reimer 2011 Nova Science Publishers, Inc. (M13)*, 2011, Nova Science Publishers, Inc., 276, ISBN 978-1-61324-654-2, <https://www.novapublishers.com/catalog/>

product\_info.php?products\_id=24874

1. Кагица Хедрих-Стевановић, Tijana T. Ivancevic\*\*\*, (drugo publikovanje)\*\*\*, Katica (Stevanović) Hedrih, Tijana T. Ivancevic, Rigorous Kinetic Analysis of the Racket Flick-Motion in Tennis for Generating Topspin and Backspin, Horizons in World Physics. Volume 276, Editors: Albert Reimer, Nova Publishers, pp. 167-192. [https://www.novapublishers.com/catalog/product\\_info.php?products\\_id=24874](https://www.novapublishers.com/catalog/product_info.php?products_id=24874), од стр. 167, до стр. 192

• *Book Title: Mathematics, Game Theory and Algebra Compendium. Volume 3, Editors: Jacob H. Mathias ISBN: 978-1-62257-749-1 [https://www.novapublishers.com/catalog/product\\_info.php?products\\_id=37092&osCsId=02eade36e8eb4bc2195776adb5477c03](https://www.novapublishers.com/catalog/product_info.php?products_id=37092&osCsId=02eade36e8eb4bc2195776adb5477c03) (M13)*, 2012, Nova Publishers, CHAPTER 6, 3, ISBN: 978-1-62257-749-1, [https://www.novapublishers.com/catalog/product\\_info.php?products\\_id=37092&osCsId=02eade36e8eb4bc2195776adb5477c03](https://www.novapublishers.com/catalog/product_info.php?products_id=37092&osCsId=02eade36e8eb4bc2195776adb5477c03)

1. Кагица Хедрих-Стевановић, Tijana T. Ivancevic\*\*\*, Katica (Stevanović) Hedrih, Tijana T. Ivancevic, Rigorous Kinetic Analysis of the Racket Flick-Motion in Tennis for Generating Topspin and Backspin, Chapter in Book, Editors: Jacob H. Mathias, Book Title: Mathematics, Game Theory and Algebra Compendium. Volume 3, Chapter 6, Nova Publishers, Pub. Date: 2013 1st Quarter, Series: Mathematics Research Developments Book Title: Mathematics, Game Theory and Algebra Compendium. Volume 3, Editors: Jacob H. Mathias ISBN: 978-1-62257-749-1 [https://www.novapublishers.com/catalog/product\\_info.php?products\\_id=37092&osCsId=02eade36e8eb4bc2195776adb5477c03](https://www.novapublishers.com/catalog/product_info.php?products_id=37092&osCsId=02eade36e8eb4bc2195776adb5477c03) TRECE PUBLIKOVANJE, од стр. Chapter 6, до стр. Chapter 6

#### **M14.**

• *Advances in Engineering Materials, Product and Systems Design (Special topic volume of Advanced Materials Research with invited peer reviewed papers only) (M14)*, 2012, Trans Tech Publications, Switzerland, 633, 1022-6680/978-3-03785-585-0, <http://www.ttp.net/978-3-03785-585-0.html>

1. Ивана Атанасовска, Митровић Радивоје\*\*\*, Момчиловић Дејан\*\*\*, Assessment of the Effect of Pitting Corrosion on Fatigue Crack Initiation in Hydro Turbine Shaft\*, од стр. 186, до стр. 196, DOI: 10.4028/www.scientific.net/AMR.633.186

• *Advances in Engineering Materials, Product and Systems Design (Special topic volume of Advanced Materials Research with invited peer reviewed papers only) (M14)*, 2012, Trans Tech Publications, Switzerland, 633, 1022-6680/978-3-03785-585-0, <http://www.ttp.net/978-3-03785-585-0.html>

1. Ивана Атанасовска, Митровић Радивоје\*\*\*, Субић Александар\*\*\*, Analysis of Deep Groove Ball Bearing Design for Assembly\*, од стр. 77, до стр. 86, DOI: 10.4028/www.scientific.net/AMR.633.77

• *Advances in Engineering Materials, Product and Systems Design (Special topic volume of Advanced Materials Research with invited peer reviewed papers only) (M14)*, 2012, Trans Tech Publications, Switzerland, 633, 1022-6680/978-3-03785-585-0, <http://www.ttp.net/978-3-03785-585-0.html>

1. Ивана Атанасовска, Митровић Радивоје\*\*\*, Момчиловић Дејан\*\*\*, Explicit Parametric Method for Optimal Spur Gear Tooth Profile Definition\*, од стр. 87, до стр. 102, DOI: 10.4028/www.scientific.net/AMR.633.87

• *Dynamical Systems, Analytical/Numerical Methods, Stability, Bifurcations and Chaos, Edited by J. Awrejcewicz and all, Technical University Lodz, 1003, pp. 205-212. ISBN 978-83-7283-447-8. [www.abm.p.lodz.pl](http://www.abm.p.lodz.pl) (M14)*, 2011, Technical University Lodz, 1003, ISBN 978-83-7283-447-8, [www.abm.p.lodz.pl](http://www.abm.p.lodz.pl)

1. Кагица Хедрих-Стевановић, Hedrih (Stevanović) K, (2011), Mass inertia moment vectors in rigid-body multi-coupled rotations around axes without intersections, Dynamical Systems, Analytical/Numerical Methods, Stability, Bifurcations and Chaos, Edited by J. Awrejcewicz and all, Technical University Lodz, 1003, pp. 205-212. ISBN 978-83-7283-447-8. [www.abm.p.lodz.pl](http://www.abm.p.lodz.pl), од стр. 205, до стр. 212

• *Chap in Monograph. Advances in nonlinear sciences (M14)*, 2011, JANN, 3, ISSN: 978-86-905633-3-3

1. Кагица Хедрих-Стевановић, Hedrih K. Analytical mechanics of fractional order discrete system vibrations. Chap in Monograph. Advances in nonlinear sciences, Вол. 3, JANN, Belgrade, pp. 101-148, 2011. ISSN: 978-86-905633-3-3., од стр. 101, до стр. 148

#### **M17.**

• *Time-Delay Systems (M17)*, 2011, INTECH, 978-953-307-559-4, <http://www.intechopen.com/books/time-delay-systems>

1. Драгутин Дебелковић, D. Lj. Debeljkovic- Editor, Time Delay Systems, I-Tech, Vienna, (Austria), 2011., од стр. 1, до стр. 221, DOI: 10.5772/635

#### **M21.**

• *Nonlinear Dynamics (M21)*, 2012, Springer, 3, 67, ISSN 0924-090X, <http://link.springer.com/article/10.1007%2Fs11071-011-0147-7>

1. Кагица Хедрих-Стевановић, Јулијана Симоновић, Hedrih (Stevanović) K R. and Simonović J., Multi-frequency analysis of the double circular plate system non-linear dynamics\", Nonlinear Dynamics: Volume 67, Issue 3 (2012), Page 2299-2315 ISSN 0924-090X Nonlinear Dynamics, Springer, NODY1915R2, DOI: 10.1007/s11071-011-0147-7 <http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s11071-011-0147-7> <http://www.springer.com/home?SGWID=0-0-1003-0-0&aqId=1902859&download=1&checkval=3b9a2f342837fa25204e18fcb08826d8> <http://link.springer.com/article/10.1007%2Fs11071-011-0147-7>, од стр. 2299, до стр. 2315, DOI: DOI: 10.1007/s11071-011-0147-7

• *Advances in Dynamical Systems and Applications (M21)*, 2012, Research India Publications, <http://www.ripublication.com/>, 1, 7, ISSN 0973-5321, <http://campus.mst.edu/adsa>

1. Јулка Кнежевић-Мијановић, Julka Knezevic-Miljanovic: Periodic Solutions of Nonlinear Differential Equations, Advances in Dynamical Systems and Applications ISSN 0973-5321, Volume 7, Number 1, pp. 89–93 (2012) <http://campus.mst.edu/adsa> ISSN 0973-5321 Research India Publications, <http://www.ripublication.com/>, од стр. 89, до стр. 93

- *Differential Equations (M21)*, 2011, Pleiades Publishing, Ltd., 1, 47, ISSN 0012-2661  
1. Јулка Кнежевић-Мијановић, 1.J. Knezevic-Miljanovic Asymptotic Properties of Solutions of the Emden–Fowler Equation at Infinity, ISSN 0012-2661, Differential Equations, 2011, Vol. 47, No. 1, pp. 149–49–152. Pleiades Publishing, Ltd., 2011. Original Russian Text\_c J. Knezevic-Miljanovic, 2011, published in Differentsial'nye Uravneniya, 2011, Vol. 47, No. 1, pp. 149–152. , од стр. 149, до стр. 152
- *Communications in Nonlinear Science and Numerical Simulation (M21)*, 2011, Elsevier, 12, 16, ISSN: 1007-5704, <http://dx.doi.org/10.1016/j.cnsns.2011.05.027>  
1. Катица Хедрих-Стевановић, Срђан Јовић, Владимир Раичевић, Недрих (Stevanović) К., Раичевић В., Јовић С., Phase Trajectory Portrait of the Vibro-impact Forced Dynamics of Two Mass Particles along Rough Circle, Communications in Nonlinear Science and Numerical Simulation ISSN: 1007-5704, Volume 16, Issue 12, December 2011, Pages 4745-4755. [SCI] Impact Factor: currently: 2.697. Категоризација часописа: M21 [http link: http://dx.doi.org/10.1016/j.cnsns.2011.05.027](http://dx.doi.org/10.1016/j.cnsns.2011.05.027), од стр. 4745, до стр. 4755.
- *International Journal of Nonlinear Sciences and Numerical Simulation (M21)*, 2011, ©Freund Publishing House Ltd. , 1, 10, ISSN: 1565-1339, <http://www.reference-global.com/toc/ijnsns/current>  
1. Срђан Јовић, Владимир Раичевић, Јовић С., Раичевић В., Vibro-impact system based on oscillator, with three heavy mass particles moving along a rough circle, ©Freund Publishing House Ltd. International Journal of Nonlinear Sciences and Numerical Simulation ISSN: 1565-1339, Volume 12, NO.1, pp.63-82, 2011. [SCI] Impact Factor: currently: 5.099. (2008 - 8.479). Категоризација часописа: M21 [http link: http://www.reference-global.com/toc/ijnsns/current](http://www.reference-global.com/toc/ijnsns/current), од стр. 63-, до стр. 82
- *Engineering Fracture Mechanics (M21)*, 2011, elsevier, 8, 78, issn: 0013-7944, [http://ac.els-cdn.com/S0013794411000622/1-s2.0-S0013794411000622-main.pdf?\\_tid=a2b28c88-64c5-11e2-82e7-00000aabofo1&acdnat=1358881257\\_45117165b5441cd450999c6ddec4ce51](http://ac.els-cdn.com/S0013794411000622/1-s2.0-S0013794411000622-main.pdf?_tid=a2b28c88-64c5-11e2-82e7-00000aabofo1&acdnat=1358881257_45117165b5441cd450999c6ddec4ce51)  
1. Стеван Максимовић, Voljanovic Slobodanka\*\*\*, Analysis of the crack growth propagation process under mixed-mode loading, од стр. 1565, до стр. 1576
- *STRAIN An International Journal for Experimental Mechanics (M21)*, 2011, wiley, issue supplement 2, 47, ISSN: 1475-1305  
1. Катарина Максимовић, Стеван Максимовић, Вера Николић-Станојевић, S. Posavljak\*\*\*, V. Djurkovic\*\*\*, Total Fatigue Life Estimation of Notched Structural Components Using Low-Cycle Fatigue Properties, од стр. 341, до стр. 349, DOI: DOI: 10.1111/j.1475-1305.2010.00775.x
- *Journal of Aerospace Engineering (M21)*, 2012, American Society of Civil Engineers, ISSN 0893-1321  
1. Катарина Максимовић, M.Kozic \*\*\*, S.Stetic-Kozic \*\*\*, I. Vasović \*\*\*, M. Maksimovic\*\*\*, DETERMINATION OF LOAD DISTRIBUTIONS ON MAIN HELICOPTER ROTOR BLADES AND STRENGTH ANALYSIS OF ITS STRUCTURAL COMPONENTS , од стр. -, до стр. -, DOI: 10.1061/(ASCE)AS.1943-5525.0000301
- *Engineering Failure Analysis (M21)*, 2012, Elsevier, 20, ISSN 1350-6307, <http://www.sciencedirect.com/science/article/pii/S1350630711002585>  
1. Ивана Атанасовска, Одановић Зоран\*\*\*, Момчиловић Дејан\*\*\*, Митровић Радивоје\*\*\*, Вухерер Томаж\*\*\*, Failure Analysis of Hydraulic Turbine Shaft\*, од стр. 54, до стр. 66, DOI: doi:10.1016/j.engfailanal.2011.10.006
- *INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER. (2011), vol. 54 br. 15-16, str. 3514-3522. (M21)*, 2011, Elsevier, 15-16, 54, <http://www.kobson.nb.rs.proxy.kobson.nb.rs:2048/servisi.131.html?issn=0017-9310>  
1. Владимир Раичевић, D. Klimenta,\*\*\*, J. Radosavljević,\*\*\*, M. Jevtić, \*\*\*, D. Tasić \*\*\*, B.Pajković\*\*\*, D. Klimenta, J. Radosavljević, M. Jevtić, V. Raičević, D. Tasić and B.Pajković: “An improved non-adiabatic FEM model of a line-to-earth fault in buried power cables”, INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, (2011), vol. 54 br. 15-16, str. 3514-3522. M21 [IF=1,899], <http://www.kobson.nb.rs.proxy.kobson.nb.rs:2048/servisi.131.html?issn=0017-9310> <http://www.journals.elsevier.com/international-journal-of-heat-and-mass-transfer/>, од стр. 3514, до стр. 3522
- *Applied Mechanics Reviews, Yuri Rosikin and Maria Shitikova: Application of Fractional Calculus for Dynamic Problem of Solid Mechanics> Novel Trends and Resent Results. Applied Mechanics Reviews, American Society of Mechanical Engineers –ASME, JANUAR 2010, Vol. 63/ pp. 010801-1 - 010801-52 (M21)*, 2011, American Society of Mechanical Engineers –ASME, 1, 63  
1. Катица Хедрих-Стевановић, НАЈ ВАЖНИЈИ ЦИТАТИ У 2011ГОДИНИ : Yuri Rosikin and Maria Shitikova: Application of Fractional Calculus for Dynamic Problem of Solid Mechanics> Novel Trends and Resent Results, Applied Mechanics Reviews, American Society of Mechanical Engineers –ASME, JANUAR 2010, Vol. 63/ pp. 010801-1 - 010801-52. u kome su citirani moji radovi, ali I unite slike I formule. Hedrih (Stevanović) K., (2008), Dynamics of coupled systems, Journal Nonlinear Analysis: Hybrid Systems, Volume 2, Issue 2, June 2008, Pages 310-334. doi:10.1016/j.nahs.2006.06.003 in line at <http://www.sciencedirect.com/science/journal/1751570X> Hedrih (Stevanović) K., Vibration Modes of a axially moving double belt system with creep layer ,Journal of Vibration and Control, (2008), 14(10-Sep): 1333-1347. <http://nainfo.nbs.bg.ac.yu.nainfo.nbs.bg.ac.yu:2048/Kobson/service/jcr.aspx?ISSN=1077-5463> Hedrih (Stevanović), K., (2006), The transversal creeping vibrations of a fractional derivative order constitutive relation of nonhomogeneous beam, Mathematical Problems in Engineering, Special issue : Nonlinear Dynamics and their Applications in engineering sciences, Geust Editor: Jose Manoel Barhesar, Volume 2006 (2006), Article ID 46236, 18 pages, www.hindawi.com doi:10.1155/MPE/2006/46236, Volume 2006, No. 5, pp. 61-78. Hedrih (Stevanović) K., Filipovski A., (2002), Longitudinal Vibration of a Fractional Derivative Order Rheological Rod with Variable Cross Section, Facta Universitatis, Series Mechanics, Automatic Control and Robotics, Vol. 3 No. 12, 2002. pp.327-350. YU ISSN 0534-2009. <http://facta.junis.ni.ac.yu/facta/macar/macar2002/macar2002-02.html>, од стр. Citati, до стр. Citati



• *Communications in Nonlinear Sciences and Numerical Simulation (M21)*, 2011, Elsevier, 5, 16, ISSN 1007-5704, <http://www.sciencedirect.com/science/article/pii/S1007570410002650>

1. Кагица Хедрих-Стевановић, Hedrih (Stevanović) K R. Optimal control in nonlinear system with no ideal constraints. *Commun Nonlinear Sci Numer Simulat* (2010), doi:10.1016/j.cnsns.2010.04.053, *Journal Communications in Nonlinear Sciences and Numerical Simulation*, 2011 16 (5):2289-2300. [www.elsevier.com/locate/cnsns](http://www.elsevier.com/locate/cnsns), CNSNS 1579 No. of Pages 13, Model 3G ISSN 1007-5704 <http://www.sciencedirect.com/science/article/pii/S1007570410002650>, од стр. 2289, до стр. 2300.

## M22.

• *INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS (M22)*, 2011, Worldscientific., 10, 21, ISSN 0218-1274, <http://www.worldscientific.com/worldscinet/ijbc>

1. Кагица Хедрих-Стевановић, Јулијана Симоновић, Hedrih (Stevanović) K R. and Simonović J., (2011), „Energies of the dynamics in a double circular plate non-linear system”, *INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS*. vol. 21, No. 10, (pp 1-19, 2011) pp. 2993-3011 ISSN 0218-1274 <http://www.worldscientific.com/worldscinet/ijbc> <http://www.worldscientific.com/action/doSearch?searchType=normal&searchText=Hedrih&publicationFilterSearch=ijbc>, од стр. 2993, до стр. 3011

• *Chemical Engineering & Technology (M22)*, 2012, Wiley-VCH Verlag, 11, 35, 1521-4125, <http://onlinelibrary.wiley.com.proxy.kobson.nb.rs:2048/doi/10.1002/ceat.201200085/pdf>

1. Сретен Стојановић, Савић М. Ивана\*\*\*, Савић М. Иван\*\*\*, Стојиљковић Т. Станиша\*\*\*, Moder Karl\*\*\*, 2. Ivana M. Savic, Stanisa T. Stojiljkovic, Ivan M. Savic, Sreten B. Stojanovic, Karl Moder, Modeling and Optimization of Fe(III) Adsorption from Water using Bentonite Clay: Comparison of Central Composite Design and Artificial Neural Network, *Chemical Engineering & Technology*, Vol. 35, No. 11, 2012, pp. 2007–2014., од стр. 2007, до стр. 2014, DOI: 10.1002/ceat.201200085

• *MECHANICS RESEARCH COMMUNICATIONS (M22)*, 2012, Elsevier Ltd. All rights reserved, 44, 0093-6413, [www.elsevier.com/locate/mechrescom](http://www.elsevier.com/locate/mechrescom)

1. Драгомир Зековић, Dragomir N. Zeković, Brachistochronic motion of nonholonomic nonlinear mechanical system of the Chaplygin type, *Mechanics Research Communications*, 44 (2012) 35-39. ISSN: 0093-6413 [www.elsevier.com/locate/mechrescom](http://www.elsevier.com/locate/mechrescom) 0093-6413/\$ – see front matter © 2012 Elsevier Ltd. All rights reserved. <http://dx.doi.org/10.1016/j.mechrescom.2012.05.002> Impact Factor: 1.273 ISSN 0093-6413, од стр. 35, до стр. 39, DOI: doi:10.1016/j.mechrescom.2011.03.005

• *ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK (M22)*, 2011, 11, 91, 0044-2267, <http://onlinelibrary.wiley.com/doi/10.1002/zamm.19280080329/abstract>

1. Драгомир Зековић, Naslov Dynamics of mechanical systems with nonlinear nonholonomic constraints - II Differential equations of motion (Article) Autori Zekovic Dragomir N Info ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK, (2011), vol. 91 br. 11, str. 899-922, ISSN 0044-2267 ZAMM • Z. Angew. Math. Mech. 91, No. 11, 899 – 922 (2011) / DOI 10.1002/zamm.201000229, од стр. 899, до стр. 922, DOI: DOI 10.1002/zamm.201000229

• *ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MEC (M22)*, 2011, 11, 91, 0044-2267, <http://onlinelibrary.wiley.com/doi/10.1002/zamm.19280080329/abstract>

1. Драгомир Зековић, Dynamics of mechanical systems with nonlinear nonholonomic constraints - I The history of solving the problem of a material realization of a nonlinear nonholonomic constraint (Article) Zekovic Dragomir N ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK, (2011), vol. 91 br. 11, str. 883-898 ISSN 0044-2267 ZAMM • Z. Angew. Math. Mech. 91, No. 11, 883 – 898 (2011) / DOI 10.1002/zamm.201000228\_c 2011 WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim, од стр. 883, до стр. 898, DOI: DOI 10.1002/zamm.201000228

• *MECHANICS RESEARCH COMMUNICATIONS (M22)*, 2011, 4, 38, 0093-6413, [www.elsevier.com/locate/mechrescom](http://www.elsevier.com/locate/mechrescom)

1. Драгомир Зековић, Naslov On the motion of a nonholonomically constrained system in the nonresonance case (Article) Autori Zekovic Dragomir N Info MECHANICS RESEARCH COMMUNICATIONS, (2011), vol. 38 br. 4, str. 330-333 ISSN 0093-6413 *Mechanics Research Communications* 38 (2011) 330–333 [www.elsevier.com/locate/mechrescom](http://www.elsevier.com/locate/mechrescom), од стр. 330, до стр. 333

• *ZAMM • Z. Angew. Math. Mech., (M22)*, 2012, Online ISSN: 1521-4001, <http://onlinelibrary.wiley.com/doi/10.1002/zamm.19280080329/abstract>

1. Драгомир Зековић, Dragomir N. Zeković, Dynamics of mechanical systems with nonlinear nonholonomic constraints – III Analysis of motion, ZAMM, DOI 10.1002/zamm.201200011. Online ISSN: 1521-4001 ZAMM • Z. Angew. Math. Mech., 1 – 25 (2012) / DOI 10.1002/zamm.201200011\_c 2012 WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim <http://onlinelibrary.wiley.com/doi/10.1002/zamm.19280080329/abstract>, од стр. 1, до стр. 15, DOI: DOI 10.1002/zamm.201200011

• *Acta Mechanica (M22)*, 2012, Springer, 6, 223, ISSN: 0001-5970, <http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s00707-012-0623-2>.

1. Срђан Јовић, Владимир Раичевић, Jović S., Raičević V., Vibro-impact forced oscillations of a heavy mass particle along a rough circle excited by a single-frequency force, *Acta Mechanica*, ISSN: 0001-5970, Volume 223, Number 6, pp. 1153-1168, June 2012. DOI: 10.1007/s00707-012-0623-2v. [SCI] Impact Factor: currently: 1.292. Категоризација: M22 [http link: http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s00707-012-0623-2](http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s00707-012-0623-2)., од стр. 1153, до стр. 1168, DOI: DOI: 10.1007/s00707-012-0623-2v.

• *Mathematical Problems in Engineering (M22)*, 2012, Hindawi Publishing Corporation, Article ID 846390, 2012, ISSN: 1024-123x, <http://www.hindawi.com/journals/mpe/aip/>

1. Срђан Јовић, Владимир Раичевић, Garić Lj.\*\*\*, Jović S., Raičević V., Garić Lj., Vibro-Impact System Based on Forced Oscillations of Heavy Mass Particle Along a Rough Parabolic Line, Hindawi Publishing Corporation, *Mathematical Problems in Engineering*, Volume 2012, Article ID 846390, 17 pages doi:10.1155/2012/846390, ISSN: 1024-123x, (Online First), 2012. [SCI] Impact Factor:

currently: 0.777. Категоризација: M22 http link: <http://www.hindawi.com/journals/mpe/aip/> , од стр. 1, до стр. 17, DOI: doi:10.1155/2012/846390

• *Kaunas University of Technology, Scientific Journal* \\\ "MECHANIKA\\\\" (M22), 2012, Kaunas University of Technology, 6, 18, ISSN 1392 - 1207, 2012, <http://zurnalas.mechanika.ktu.lt/?lang=2>

1. Срђан Јовић, Владимир Раичевић, Јовић S., Раичевић V., The phase portrait of the vibro-impact dynamics of two mass particle motions along rough circle, Kaunas University of Technology, Scientific Journal "MECHANIKA", 2012 Nr 18(6), Article ID-No 526, ISSN 1392 - 1207, 2012. [SCI] Impact Factor: currently: 1.144. Категоризација: M22 http link: <http://zurnalas.mechanika.ktu.lt/?lang=2>, од стр. Article ID-No 526, до стр. Article ID-No 526, DOI: Article ID-No 526

• *Journal of Applied Mechanics, Transactions of ASME (M22)*, 2012, A S M E International, 3, 79, 0021-8936, [www.asme.org](http://www.asme.org)

1. Јелена Вељковић-Ђоковић, Ружица Николић\*\*\*, The LEM Concept for Interfacial Cracks Application to the Problem of Coating delamination on Cylindrical Substrates, од стр. 031005-1 , до стр. 031005-7, DOI: 10.1115/1.4005893

• *Mathematical Problems in Engineering, (M22)*, 2011, Hindawi Press, Article ID 351269, 2011, ISSN 1024-123x, <http://www.hindawi.com/journals/mpe/contents>

1. Кагица Хедрих-Стевановић, Љиљана Вељковић, 5. Hedrih (Stevanović) K., Veljović Lj.: Vector Rotators of a Rigid Body Dynamics with Coupled Rotations around Axes without Intersection, Mathematical Problems in Engineering, ISSN 1024-123x, Vol. 2011, Article ID 351269, 26 pages, doi: 10.11552011/351269. <http://www.hindawi.com/journals/mpe/contents>, од стр. 1, до стр. 26, DOI: doi: 10.11552011/351269

• *Proceedings of the Institution of Mechanical Engineers, Part A, Journal of Power and Energy [PIA] (M22)*, 2011, Sage, 0957-6509

1. Илија Николић, V.Stefanovic\*\*\*, M.Vojic\*\*\*, S. Pavlović\*\*\*, N.Apostolović\*\*\*, Z.Djordjević\*\*\*, D. Čatić\*\*\*, A prototype of solar receiver for middle temperature conversion of solar radiation to heat, од стр. 1111, до стр. 1119

• *Tensor, (M22)*, 2011, Tensor Society, Chigasaki, Japan, 1, 72, , ISSN 0040-3504.

1. Кагица Хедрих-Стевановић, (PUBLIKOVANO U 2011)\*\*\*, Hedrih (Stevanović) R. Katica , (2010), Visibility or appearance of nonlinearity, Tensor, N.S. Vol. 72, No. 1 (2010), pp. 14-33, #3. Tensor Society, Chigasaki, Japan, ISSN 0040-3504., од стр. 13, до стр. 33

### M23.

• *Differential Equations and Dynamical Systems (M23)*, 2012, Springer, 1, 21, ISSN: 0971-3514 (print version), ISSN: 0974-6870 (electronic version), <http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s12591-012-0130-x>

1. Јулијана Симоновић, 2. Simonović J., (2012), Synchronization in Coupled Systems with Different Type of Coupling Elements, Differential Equations and Dynamical Systems, Volume 21, Issue 1 (2013), Pp. 141-148, © Springer 2013. <http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s12591-012-0130-x> ISSN: 0971-3514 (print version), ISSN: 0974-6870 (electronic version), од стр. 141, до стр. 148

• *Vojnosanit Pregled (M23)*, 2012, VNA, 1, 62, YU ISSN 0042-8450; , [http://www.researchgate.net/journal/0042-8450\\_Vojnosanitetski\\_pregled\\_Military-medical\\_and\\_pharmaceutical\\_review](http://www.researchgate.net/journal/0042-8450_Vojnosanitetski_pregled_Military-medical_and_pharmaceutical_review)

1. Анђелка Хедрих, Vladimir Hedrih\*\*\*, 1. Andjelka Hedrih, Vladimir Hedrih, Attitudes and motives of potential sperm donors in Serbia, (Stavovi i motivi potencijalnih davalaca sperme u Srbiji). Vojnosanit Pregled 2012; January Vol. 69 (1): pp. 49-57. O R I G I N A L A R T I C L E UDC: 159.923::159.947.5]::618.177-089.888.11. YU ISSN 0042-8450; [http://www.researchgate.net/journal/0042-8450\\_Vojnosanitetski\\_pregled\\_Military-medical\\_and\\_pharmaceutical\\_review](http://www.researchgate.net/journal/0042-8450_Vojnosanitetski_pregled_Military-medical_and_pharmaceutical_review), од стр. 49, до стр. 67

• *Address to Mechanics Special issue of Theoretical and applied mechanics Vol 40(S1) 2012 (M23)*, 2012, Srpsko društvo za mehaniku , S1, 40, ISSN 1450-5584, <http://www.mi.sanu.ac.rs/projects/174001a.htm>

1. Анђелка Хедрих, Маринко Угрчић, 2. Andjelka Hedrih and Marinko Ugrcic. Vibrational properties characterization of mouse embryo during microinjection. Theoretical and applied mechanics, 2012, Vol. 40 (S1), 189-202.UDC 519.673:531:01. ISSN 1450-5584. Address to Mechanics Special issue of Theoretical and applied mechanics Vol 40(S1) 2012 <http://www.mi.sanu.ac.rs/projects/174001a.htm>, од стр. 189, до стр. 202

• *Chemical Industry & Chemical Engineering Quarterly (M23)*, 2011, Association of the Chemical Engineers of Serbia , 4, 17, 2217-7434, [http://www.ache.org.rs/CICEQ/2011/No4/CICEQ\\_Vol17\\_%20No4\\_pp497-504\\_Oct-Dec\\_2011.pdf](http://www.ache.org.rs/CICEQ/2011/No4/CICEQ_Vol17_%20No4_pp497-504_Oct-Dec_2011.pdf)

1. Сретен Стојановић, Драгутин Дебељковић, Sreten B. Stojanovic, Dragutin LJ. Debeljkovic, Delay-dependent stability analysis for discrete-time systems with time varying state delay, Chemical Industry and Chemical Engineering Quarterly 17 (4) pp. 497-503 (2011), од стр. 497, до стр. 504, UDC: 621.3, DOI: 10.2298/CICEQ110621035S

• *International Journal of Computers, Communications and Control (M23)*, 2012, CCC Publications, R & D Agora, 4, 7, 1841-9844, <http://journal.univagora.ro/download/pdf/627.pdf>

1. Драгутин Дебељковић, Небојша Димитријевић, Сретен Стојановић, 3. Sreten B. Stojanovic, Dragutin LJ. Debeljkovic, Nebojsa Dimitrijevic, Stability of Discrete-Time Systems with Time-Varying Delay: Delay Decomposition Approach, International Journal of Computers, Communications and Control, Vol.7, No. 4, 2012, pp. 775-783., од стр. 775, до стр. 783

• *Chemical Industry and Chemical Engineering Quarterly (M23)*, 2012, Savez hemijskih inženjera, 4, 18, 2217-74342217-7434, <http://www.doiserbia.nb.rs/ft.aspx?id=1451-93721200026S>

1. Драгутин Дебељковић, Небојша Димитријевић, Сретен Стојановић, 4. Sreten B. Stojanovic, Dragutin LJ. Debeljkovic, Nebojsa Dimitrijevic, Finite-time stability of discrete-time systems with time-varying delay, Chemical Industry and Chemical Engineering

Quarterly, 2012., од стр. 525, до стр. 533, DOI: 10.2298/CICEQ120126026S

- *Hemijska industrija (M23)*, 2012, Association of the Chemical Engineers of Serbia, 2217-7426, <http://www.doiserbia.nb.rs/Article.aspx?id=0367-598X1200061D>  
1. Драгутин Дебелковић, Сретен Стојановић, Александрић Марко С.\*\*\*, Debeljković Dragutin Lj., Stojanović Sreten B., Aleksendrić Marko S., Stability of singular time-delay systems in the sense of non-Lyapunov: Classical and modern approach, *Hemijska industrija*, 2012., од стр. 61, до стр. 61, DOI: 10.2298/HEMIND120403061D
- *Theoretical and Applied Mechanics, Address to Mechanics Special issue of Theoretical and applied mechanics, (M23)*, 2012, Srpsko društvo za mehaniku, S1, 40, ISSN 1450-5584, <http://www.mi.sanu.ac.rs/projects/174001a.htm>  
1. Јулка Кнежевић-Мијановић, 4. Јулка Кнежевић-Миљановић, (2012), ON A SHOCKLEY-READ-HALL MODEL FOR SEMICONDUCTORS, *Theoretical and Applied Mechanics, Address to Mechanics Special issue of Theoretical and applied mechanics*, 2012, Vol 40(S1) 2012, pp.65-70, ISSN 1450-5584. <http://www.mi.sanu.ac.rs/projects/174001a.htm>, од стр. 65, до стр. 70, DOI: DOI : 10.2298/TAM12S165K
- *Technical Gazette/Tehnički vjesnik, Scientific-professional Journal of Technical Faculties of University in Osijek, Croatia (M23)*, 2012, Technical Faculties of University in Osijek, Croatia., 4, 19, ISSN: 1330-3651, <http://hrcak.srce.hr/tehnicki-vjesnik?lang=en>  
1. Срђан Јовић, Golubović Z., \*\*\*, Lekić Z.\*\*\*, Golubović Z., Lekić Z., Jović S., INFLUENCE OF BUCKET WHEEL VERTICAL VIBRATION ON BUCKET-WHEEL EXCAVATOR (BWE) DIGGING FORCE, *Technical Gazette/Tehnički vjesnik, Scientific-professional Journal of Technical Faculties of University in Osijek, Croatia*, ISSN: 1330-3651, Volume 19, Number 4, pp. xxx, Decembar 2012. Our tef.: AA-2001-19-241012. [SCI] Impact Factor: currently: 0.347. Категоризација: M23 [http link: http://hrcak.srce.hr/tehnicki-vjesnik?lang=en](http://hrcak.srce.hr/tehnicki-vjesnik?lang=en), од стр. AA-2001-19-241012., до стр. AA-2001-19-241012.
- *Technics Technologies Education Management (TTEM), Journal of society for development of teaching and business processes in new net environment in B&H (M23)*, 2012, 1, 8, ISSN: 1840-1503, <http://www.ttem.ba/archive.html>  
1. Срђан Јовић, Čamagić I.,\*\*\*, Vasić N., \*\*\*, Burzić Z., \*\*\*, Gvozdenović T., \*\*\*, Kudumović Dž.,\*\*\*, Čamagić I., Vasić N., Burzić Z., Jović S., Gvozdenović T., Kudumović Dž., Compatibility of Values of Plane Strain Fracture Toughness, K<sub>IC</sub>, Crack Growth and Impact Energy Parameter for Welded Joints Behaviour Evaluation in Presence of Cracks, *Technics Technologies Education Management (TTEM), Journal of society for development of teaching and business processes in new net environment in B&H*, ISSN: 1840-1503, Volume 8, Number 1, pp. xxx, 2013. [SCI] Impact Factor: currently: 0.351. Категоризација: M23 [http link: http://www.ttem.ba/archive.html](http://www.ttem.ba/archive.html), од стр. 2013, до стр. 2013
- *Tehnički vjesnik/Technical Gazette (M23)*, 2011, 1, 18, ISSN 1330-3651 (Print), <http://hrcak.srce.hr/tehnicki-vjesnik?lang=en>  
1. Вера Николић-Станојевић, Ć. Dolićanin,\*\*\*, M. Radojković\*\*\*, 1. V. Nikolić, Ć. Dolićanin, M. Radojković, Application of finite element analysis of thin steel plate with holes, *Tehnički vjesnik/Technical Gazette, January-March, 2011, Vol 18, No 1*, pp. 57-62. <http://hrcak.srce.hr/tehnicki-vjesnik?lang=en> ISSN 1330-3651 (Print) UDK: 62(05)=163.42=111, од стр. 57, до стр. 62
- *Strojniški vestnik - Journal of Mechanical Engineering (M23)*, 2012, Faculty of Mechanical Engineering University of Ljubljana, 1, 58, <http://www.sv-jme.eu/home/>  
1. Вера Николић-Станојевић, Ćemal Dolićanin, \*\*\*, Dejan Dimitrijević, \*\*\*, 2. Vera Nikolić, Ćemal Dolićanin, Dejan Dimitrijević, Dynamic Model for the Stress and Strain State Analysis of a Spur Gear Transmission", *Strojniški vestnik - Journal of Mechanical Engineering Volume (Year)No*, DOI: 10.5545/sv-jme.2009.128, Paper accepted: 11.10.2011., Vol 58, No 1, 2012, pp 56...67 <http://www.sv-jme.eu/home/>, од стр. 56, до стр. 67
- *Journal Tehnički vjesnik/Technical Gazette (M23)*, 2012, 2, 19, ISSN 1330-3651 (Print), <http://hrcak.srce.hr/tehnicki-vjesnik?lang=en>  
1. Вера Николић-Станојевић, Mirko Maksimović, \*\*\*, Katarina Maksimović, \*\*\*, Slobodan Stupar \*\*\*, 3. Mirko Maksimović, Vera Nikolić-Stanojević, Katarina Maksimović, Slobodan Stupar DAMAGE TOLERANCE ANALYSIS OF STRUCTURAL COMPONENTS UNDER GENERAL LOAD SPECTRUM, *Journal Tehnički vjesnik/Technical Gazette, Vol. 19, No. 4*, 2012.. <http://hrcak.srce.hr/tehnicki-vjesnik?lang=en> ISSN 1330-3651 (Print) UDK: 62(05)=163.42=111, од стр. 931, до стр. 938
- *Theoretical and Applied Mechanics, = Series: Special Issue – Address to Mechanics (M23)*, 2012, Serbian Society of Mechanics, S1, 40, ISSN 1450-5584, <http://www.mi.sanu.ac.rs/projects/174001a.htm>  
1. Наташа Тришовић, Наташа Тришовић, "About Eigensensitivity Analysis of Mechanical Structures", *Journal: Theoretical and Applied Mechanics*, ISSN 1450-5584, Series: Special Issue – Address to Mechanics, DOI : 10.2298/TAM12S1263T, Vol.40 (S1), pp. 263-275, 2012; *Theoretical and applied mechanics*, 2012, Vol. 40 (S1), 263-275. ISSN 1450-5584. Address to Mechanics Special issue of *Theoretical and applied mechanics Vol 40(S1) 2012* <http://www.mi.sanu.ac.rs/projects/174001a.htm>, од стр. 263, до стр. 275
- *Strojarstvo (M23)*, 2011, 3, 53, ISSN 0562-1887  
1. Стеван Максимовић, Stašević M.\*\*\*, Gerić K.\*\*\*, Burzić Z.\*\*\*, Maksimović M.\*\*\*, Fatigue Crack Growth Prediction from Low Cycle Fatigue Properties, од стр. 171, до стр. 178, UDC: UDK 539.42:620.172/73:669.14.018.25
- *Thermal Science (M23)*, 2011, 3, 15, online ISSN: 2334-7163  
1. Стеван Максимовић, Bakić G.\*\*\*, Šijački-Žeravčić V.\*\*\*, Đukić M.\*\*\*, Plešinac D.\*\*\*, Rajičić B.\*\*\*, Thermal History and Stress State of a Fresh Steam-Pipeline Influencing its Remaining Service Life, од стр. 691, до стр. 704
- *Tehnički vjesnik/Technical Gazette (M23)*, 2012, Tisak, 4, 19, ISSN 1330-3651  
1. Катарина Максимовић, Вера Николић-Станојевић, Maksimović M.\*\*\*, Stupar. S\*\*\*, DAMAGE TOLERANCE ANALYSIS OF

## STRUCTURAL COMPONENTS UNDER GENERAL LOAD SPECTRUM, од стр. 931, до стр. 938

• *TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM (M23)*, 2012, 2, 7, ISSN 1840-1503

1. Стеван Максимовић, Stašević M. \*\*\*, Gerić K. \*\*\*, Burzić Z. \*\*\*, Vasović I. \*\*\*, Fatigue crack propagation models: numerical and experimental comparisons, од стр. 801, до стр. 810

• *Thermal Science (M23)*, 2012, Vinča Institute of Nuclear Sciences, Belgrade, 2, 16, ISSN 0354-9836, <http://thermalscience.vinca.rs/pdfs/papers-2011/TSCI111006142M.pdf>

1. Ивана Атанасовска, Митровић Радивоје\*\*\*, Момчиловић Дејан\*\*\*, Ерић Оливера\*\*\*, Хут Ненад\*\*\*, Study on impact properties of creep-resistant steel simulated heat affected zone\*, од стр. 513, до стр. 525, UDC: 621, DOI: 10.2298/TSCI111006142M

• *Technical gazzete (M23)*, 2011, Sveuciliste Josipa Jurja Strossmayera u Osijeku ^Strojarski Fakultet u Slavanskom Brodu, 1, 18, 1330-3651, [www.sfsb.hr](http://www.sfsb.hr)

1. Јелена Вельковић-Ђоковић, Dobrivoje Ćatić\*\*\*, Emilija Džindo\*\*\*, Ružica Nikolić\*\*\*, Estimate of a power distributor life span based on the fracture mechanics criteria, од стр. 103, до стр. 108, UDC: UDK620.169.1539.42

• *Metallurgia International (M23)*, 2012, 10, 17

1. Наташа Тришовић, K. Tomantschger,\*\*\*, D. Petrovic \*\*\*, Z. Golubovic\*\*\*, Наташа Тришовић, "Mathematical Model for the Particle Size Distribution of a Kieselguhr Filter Granulation", (with: K. Tomantschger, D. Petrovic and Z. Golubovic) Journal: Metallurgia International, vol. 17 br. 10, str. 192-197, 2012; од стр. 1192, до стр. 1197

• *STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING (M23)*, 2011

1. Наташа Тришовић, Petrovic, Dragan V.;\*\*\*, Mitrovic, Caslav B.; \*\*\*, Golubovic, Zorana Z., \*\*\*, Petrovic, Dragan V.; Mitrovic, Caslav B.; Trisovic, Natasa R.; Golubovic, Zorana Z., On the Particles Size Distributions of Diatomaceous Earth and Perlite Granulations, STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, Pp 843-850, DOI:10.5545/sv-jme.2010.050, од стр. 843, до стр. 850, DOI: DOI:10.5545/sv-jme.2010.050

• *Thermal Science (M23)*, 2012, 16, ISSN 0354-9836 , <http://thermalscience.vinca.rs/>

1. Милош Јовановић, Dragan S. Živković, \*\*\*, Jelena D. Nikodijević \*\*\*, 1. Miloš M. Jovanović, Dragan S. Živković, Jelena D. Nikodijević "Rayleigh-Benard convection instability in the presence of temperature variation at the lower wall", Thermal Science, Year 2012, vol.16, Suppl.2, pp.281-294, ISSN 0354-9836 DOI:10.2298/TSCI120505169J, DOI:10.2298/TSCI120505169J, (M23). <http://thermalscience.vinca.rs/> , од стр. 281, до стр. 294, DOI: DOI:10.2298/TSCI120505169J, DOI:10.2298/TSCI120505169J

2. Милош Јовановић, Aleksandar Z. Boričić, \*\*\*, Branko Z. Boričić, \*\*\*, 2. Aleksandar Z. Boričić, Miloš M. Jovanović, Branko Z. Boričić, „MHD effects on unsteady dynamic, thermal and diffusion boundary layer flow over a horizontal circular cylinder“ Thermal Science, Year 2012, vol.16, Suppl.2, pp.311-321, ISSN 0354-9836, DOI: 10.2298/TSCI120503171B, (M23)., од стр. 311, до стр. 321, DOI: DOI: 10.2298/TSCI120503171B,

3. Милош Јовановић, Zoran B. Boričić, \*\*\*, Dragiša D. Nikodijević,\*\*\*, Dragica R. Milenković, \*\*\*, Živojin M. Stamenković, \*\*\*, Dragan S. Živković,\*\*\*, 15. Zoran B. Boričić, Dragiša D. Nikodijević, Dragica R. Milenković, Živojin M. Stamenković, Dragan S. Živković, Miloš M. Jovanović, "Unsteady MHD boundary layer flow of a fluid of variable electrical conductivity", Thermal Science, vol.14 , Issue suppl., 2010, pp. 171-182. (M23), ISSN 0354-9836 DOI:10.2298/TSCI100522024B, од стр. 171, до стр. 182

• *Theoretical and Applied Mechanics, Series: Special Issue-Address to Mechanics. (M23)*, 2012, S1, 40, ISSN14Srpsko drustvo za mehaniku50-5584, [http://www.mi.sanu.ac.rs/projects/TAMM\\_AddressToMechanics.pdf](http://www.mi.sanu.ac.rs/projects/TAMM_AddressToMechanics.pdf)

1. Милош Јовановић, 3. Miloš M. Jovanović, "Vorticity evolution in perturbed Poiseuille flow", Theoretical and Applied Mechanics, Series: Special Issue-Address to Mechanics, vol.40 (S1), 2012, pp.71-87, ISSN1450-5584, DOI:10.2298/TAM12S171J [http://www.mi.sanu.ac.rs/projects/TAMM\\_AddressToMechanics.pdf](http://www.mi.sanu.ac.rs/projects/TAMM_AddressToMechanics.pdf), , од стр. 71, до стр. 87, DOI: DOI:10.2298/TAM12S171J [http://www.mi.sanu.ac.rs/projects/TAMM\\_AddressToMechanics.pdf](http://www.mi.sanu.ac.rs/projects/TAMM_AddressToMechanics.pdf)

• *Materials and technologies (M23)*, 2012, Thomson Reuters, 1580-2949

1. Илија Николић, Lazić, V.\*\*\*, Sedmak, A.\*\*\*, Milosavljević, D.\*\*\*, Aleksandrović, S.\*\*\*, Nikolić, R.\*\*\*, Mutavdžić, M.\*\*\*, Theoretical and experimental estimation of the working life of machine parts hard faced with austenite-manganese electrodes, од стр. 547, до стр. 554

• *Procedia Engineering (M23)*, 2012, ELSEVIER, 1877-7058

1. Илија Николић, Lazić, V.\*\*\*, S. Aleksandrović\*\*\*, R. Prokić-Cvetković\*\*\*, O. Popović\*\*\*, D. Milosavljević\*\*\*, R. Ćukić\*\*\*, Estimates of weldability and selection of the optimal procedure and technology for welding of high strength steels

2. Илија Николић, R. Nikolić\*\*\*, Krstić, B.\*\*\*, V. Lazić \*\*\*, I. Krstić \*\*\*, V. Krstić\*\*\*, Determination and Analysis of influence of the Hydrodynamic, Kinematic and Geometric Parameters of the Motor Vehicles Hydrodynamic Clutch Characteristics, DOI: 10.1016/j.proeng.2012.07.0101

3. Илија Николић, Nikolić, D.\*\*\*, R. Nikolić\*\*\*, B. Krstić \*\*\*, V. Lazić \*\*\*, I. Krstić\*\*\*, Optimization of Technical Diagnostics Procedures for Hydroelectric Power Plants, DOI: 10.1016/ j.proeng.2012.07.0102

• *Proceedings of World Academy of Science, Engineering and Technology (M23)*, 2011, World Academy of Science, Engineering and Technology, 73, <http://www.scopus.com/record/display.url?eid=2-s2.0-79953006306&origin=inward&txid=38F76A400992B9CoEEC574F93BAF155A.y7ESLndDIIsN8cE7qwvy6w%3a4>

1. Катига Хедрих-Стевановић, Camelia Frigioiu, \*\*\*, Iulian Gabriel B^irsan\*\*\*, Frigioiu C, Hedrih (Stevanovic) K, Birsan I G (2011), Lagrangian geometrical model of the rheonomic mechanical systems, Proceedings of World Academy of Science, Engineering and Technology, 73, pp.1178-1184, M23=3 <http://www.scopus.com/record/display.url?eid=2-s2.0-79953006306&origin=inward&txid=38F76A400992B9CoEEC574F93BAF155A.y7ESLndDIIsN8cE7qwvy6w%3a4> World



Academy of Science, Engineering and Technology, од стр. 1178, до стр. 1184

- *International Journal of Mathematics, Game Theory and Algebra (M23)*, 2011, Nova Science Publishers, Inc., 2, 20, ISSN: 1060-9881, [https://www.novapublishers.com/catalog/product\\_info.php?products\\_id=22625](https://www.novapublishers.com/catalog/product_info.php?products_id=22625), [https://www.novapublishers.com/catalog/product\\_info.php?products\\_id=23060](https://www.novapublishers.com/catalog/product_info.php?products_id=23060)
    1. Катица Хедрих-Стевановић, Tijana Ivancevic\*\*\*, Katica (Stevanović) Hedrih and Tijana Ivancevic, RIGOROUS KINETIC ANALYSIS OF THE RACKET FLICK-MOTION IN TENNIS FOR GENERATING TOPSPIN AND BACKSPIN, In: International Journal of Mathematics, Game Theory and Algebra, Volume 20, Issue 2, pp. 1–26 © 2011 Nova Science Publishers, Inc., ISSN: 1060-9881 [https://www.novapublishers.com/catalog/product\\_info.php?products\\_id=22625](https://www.novapublishers.com/catalog/product_info.php?products_id=22625), [https://www.novapublishers.com/catalog/product\\_info.php?products\\_id=23060](https://www.novapublishers.com/catalog/product_info.php?products_id=23060), од стр. 1, до стр. 26
  - *Theoretical and Applied Mechanics, Address to Mechanics Special issue of Theoretical and Applied Mechanics Vol 40(S1) 2012 (M23)*, 2012, Srpsko drustvo za mehniku, S1, 40, ISSN 1450-5584., <http://www.ssm.org.rs/>, <http://www.mi.sanu.ac.rs/projects/174001a.htm>
    1. Катица Хедрих-Стевановић, Hedrih (Stevanović) Katica, (2012), ADVANCES IN CLASSICAL AND ANALYTICAL MECHANICS: A REVIEWS OF AUTHOR'S RESULTS, Special Issue, Theoretical and Applied Mechanics, Vol. 40 (S1), pp. 293- 383. DOI : 10.2298/TAM12S1293H, Math.Subj.Class.: 70-02; 70E55; 70F40; 70G10; 70G45; 70J50; 70K50; 70K28; ISSN 1450-5584. Theoretical and Applied Mechanics, Address to Mechanics Special issue of Theoretical and Applied Mechanics Vol 40(S1) 2012. ISSN 1450-5584. <http://www.mi.sanu.ac.rs/projects/174001a.htm>, <http://www.ssm.org.rs/>, од стр. 293, до стр. 383, DOI: DOI : 10.2298/TAM12S1293H
- M24.**
- 
- *EUROMECH Newsletter 40, December 2011, European Mechanics Society, 40, (M24)*, 2011, EuroMech Society, 40, <http://www.euomech.org/prizes/presentations>
    1. Анђелка Хедрих, 4. Andjelka Hedrih. Modeling oscillations of zona pelucida before and after fertilization. Young Scientist Prize Paper. EUROMECH Newsletter 40, December 2011, European Mechanics Society, 40, pp. 6-14. <http://www.euomech.org/prizes/presentations> <http://www.mi.sanu.ac.rs/projects/NL40-Euomech.pdf>, од стр. 6, до стр. 14
  - *International Journal of Medical Engineering and Informatics (M24)*, 2011, 4, 3, ISSN (Online): 1755-0661 - ISSN (Print): 1755-0653. ISSN online: 1755-0661.
    1. Анђелка Хедрих, 3. Andjelka N. Hedrih. Mechanical models of the double DNA. International Journal of Medical Engineering and Informatics 2011 - Vol. 3, No.4 pp. 394 - 410. DOI: 10.1504/IJMEI.2011.044753; ISSN (Online): 1755-0661 - ISSN (Print): 1755-0653. ISSN online: 1755-0661., од стр. 394, до стр. 410, DOI: DOI: 10.1504/IJMEI.2011.044753
  - *Theoretical And Applied Mechanics (M24)*, 2012, Srpsko društvo za mehaniku, S1, 40, 1450-5584, <http://www.ssm.org.rs/WebTAM/journal.html>
    1. Сретен Стојановић, Драгутин Дебелјковић, Sreten B. Stojanovic, Dragutin Lj. Debeljkovic, Delay Dependent Stability of Linear Time-Delay Systems, Theoretical And Applied Mechanics, series: Special Issue - Address to Mechanics, Vol. 40 (S1), 2012, pp. 223-245 (In press), од стр. 223, до стр. 245
  - *International Journal of Information & System Science, (Canada) (M24)*, 2012, Institute for Scientific Computing and Information and Northeastern University at Qinhuangdao, 4, 7, 1708 – 296X, <http://www.math.ualberta.ca/ijiss/>
    1. Драгутин Дебелјковић, Горан Симеуновић, Иван Бужуровић\*\*\*, Debeljkovic D. Lj, I. M. Buzurovic, G. V. Simeunovic, “Stability of Linear Discrete Descriptor Systems in the sense of LyapunovContinuous Singular Systems: An Overview”, International Journal of Information & System Science, (Canada), Vol. 7, No. 4, (2011), pp. 303 – 322. , од стр. 303, до стр. 322
  - *Special Issue – Adress to Mechanics (M24)*, 2012, Serbian Society of Mechanics, S1, 40, 1450-5584
    1. Катарина Максимовић, Стеван Максимовић, Improved Computation Method in Residual Life Estimation of Structural Components, Theoretical and Applied Mechanics, од стр. 223, до стр. 246, DOI: 10.2298/TAM12S1247M
  - *International Journal Structural Integrity and life (M24)*, 2012, Joint edition of the Society for structural integrity and life and the Institute for material testing., Belgrade, 3, 12, ISSN 1451-3749, <http://divk.inovacionicentar.rs/ivk/ivk12/ivk1203-9.html>
    1. Ивана Атанасовска, Момчиловић Дејан\*\*\*, Бурзић Мери\*\*\*, Вухерер Томаж\*\*\*, Coupled nonlinear problems in finite element analysis – a case study, од стр. 201, до стр. 208, UDC: UDK/UDC 539.3:669.14
  - *Strojarstvo: časopis za teoriju i praksu u strojarstvu (M24)*, 2012, Hrvatski strojarski i brodograđevni inženjerski savez, Zagreb, Hrvatska, 1, 54, ISSN 0562-1887, [http://hrcak.srce.hr/index.php?show=clanak&id\\_clanak\\_jezik=137756](http://hrcak.srce.hr/index.php?show=clanak&id_clanak_jezik=137756)
    1. Ивана Атанасовска, Момчиловић Дејан\*\*\*, Вухерер Томаж\*\*\*, Бурзић Мери\*\*\*, The Finite Element Analysis of Kinetic Energy Absorbers for Railway Vehicle, од стр. 7, до стр. 18, UDC: 62(05)=862=20=30
  - *Advanced Materials Research (M24)*, 2012, Trans Tech Publication, Switzerland, 2, 452-453, 1022-6680, [www.scientific.net](http://www.scientific.net)
    1. Јелена Вељковић-Ђоковић, Ружица Николић\*\*\*, Characteristic Parameters of Dynamic Crack Growth Along the Interface Between the two Orthotropic Materials, од стр. 1184, до стр. 1189, DOI: 10.4028/www.scientific.net/AMR.452-453.1184
  - *Procedia Engineering (M24)*, 2012, Elsevier Ltd., 40, 1877-7058, [www.elsevier.com/locate/procedia](http://www.elsevier.com/locate/procedia)
    1. Јелена Вељковић-Ђоковић, Ружица Николић\*\*\*, Катарина Вељковић\*\*\*, Plastic analysis of the steel frame structures using computer modeling, од стр. 304, до стр. 309, DOI: 10.1016/j.proeng.2012.07.099



**M31.**

- [23rd International Congress of Theoretical and Applied Mechanics. ICTAM 19-24 august 2012](http://www.ictam2012.org/-International%20Union%20of%20Theoretical%20and%20Applied%20Mechanics-Selekcija%20IUTAM%20Scientific%20Committee%20(od%20od%201887,%20npruxea%20henux%201577)Kongres%20najviseg%20ranga%20iz%20oblasti%20mehanike%20u%20svetu.%20(M31),2011,International%20Union%20of%20Theoretical%20and%20Applied%20Mechanics%20IUTAM,23,ISBN%20978-988-16022-3-7.,KINA,od:19.08.2012,do:24.08.2012,http://www.ictam2012.org/) [http://www.ictam2012.org/-International Union of Theoretical and Applied Mechanics- Selekcija IUTAM Scientific Committee \(od od 1887, npruxeaĥenux 1577\) Kongres najviseg ranga iz oblasti mehanike u svetu. \(M31\)](http://www.ictam2012.org/-International%20Union%20of%20Theoretical%20and%20Applied%20Mechanics-Selekcija%20IUTAM%20Scientific%20Committee%20(od%20od%201887,%20npruxea%20henux%201577)Kongres%20najviseg%20ranga%20iz%20oblasti%20mehanike%20u%20svetu.%20(M31),2011,International%20Union%20of%20Theoretical%20and%20Applied%20Mechanics%20IUTAM,23,ISBN%20978-988-16022-3-7.,KINA,od:19.08.2012,do:24.08.2012,http://www.ictam2012.org/), 2011, International Union of Theoretical and Applied Mechanics IUTAM, 23, ISBN 978-988-16022-3-7., KINA, од: 19.08.2012, до: 24.08.2012, <http://www.ictam2012.org/>
  1. Анђелка Хедрих, Andjelka Hedrih. Frequency analysis of knot mass particles in oscillatory spherical net model of mouse zona pellucida. Lecture Session, Short Paper, Abstract book of 23rd International Congress of Theoretical and Applied Mechanics, (IUTAM ICTAM Beijing 2012), 19-24 August 2012, Beijing, China, SM01-049 Biomechanics and biomaterials, pp. 209. ISBN 978-988-16022-3-7. 23rd International Congress of Theoretical and Applied Mechanics, ICTAM 19-24 august 2012, International Union of Theoretical and Applied Mechanics, <http://www.ictam2012.org/>, од стр. 209, до стр. 209, DOI: <http://www.ictam2012.org/>
  2. Анђелка Хедрих, Andjelka Hedrih. Frequency analysis of knot mass particles in oscillatory spherical net model of mouse zona pellucida. Lecture Session, Two pages Short Paper, CD Proceeding of 23rd International Congress of Theoretical and Applied Mechanics, (IUTAM ICTAM Beijing 2012), 19-24 August 2012, Beijing, China, SM01-049 Biomechanics and biomaterials, pp. SM01-049:1-2. ISBN 978-988-16022-3-7. 23rd International Congress of Theoretical and Applied Mechanics, ICTAM 19-24 august 2012, International Union of Theoretical and Applied Mechanics, <http://www.ictam2012.org/>, од стр. SM01-049-1, до стр. SM01-049-2, DOI: CV Proceedings
  3. Анђелка Хедрих, Napomena: Kategoriju predavanja: Lecture Session na ICTAM kongresu treba priznati u Kategoriji Predavanja po pozivu stampan u celini na drugim internacionalnim kongresima iz ove oblasti, jer dobiti ovakvu kategoriju na ICTAM kongresu je veliki uspeh., од стр. 1, до стр. 2
- [First International Conference on Damage Mechanics \(M31\)](#), 2012, ICDM, ISBN: 978-86-86115-09-6 (SCE), Srbija, од: 25.06.2012, до: 27.06.2012
  1. Стеван Максимовић, I. Vasovic\*\*\*, M. Maksimovic \*\*\*, M. Djuric\*\*\*, COMPUTATION METHODS AND SOFTWARE IN FATIGUE LIFE ESTIMATIONS OF STRUCTURAL COMPONENTS UNDER GENERAL LOAD SPECTRUM, од стр. 213, до стр. 216
- [The Seventh International Symposium KOD 2012, 24-26.05.2012., Balatanfured, Hungary \(M31\)](#), 2012, Faculty of Technical Science – Novi Sad, Serbia, ISBN 978-86-7892-399-9, Hungary, од: 24.05.2012, до: 26.05.2012, <http://www.kod.ftn.uns.ac.rs/download/final.pdf>
  1. Ивана Атанасовска, Митровић Радивоје\*\*\*, Момчиловић Дејан\*\*\*, Prediction of crack initiation in spur gear contact zone, од стр. 37, до стр. 44
- [The 11th International Conference of Fundamental and Applied Aspects of Physical Shemistry, PHYSICAL CHEMISTRY 2012, Belgrade. 24-28 September 2012. http://www.socphyschemserb.org/ \(M31\)](#), 2012, Друштво физико-хемичара Србије, 11, ISBN 978-86-82475-2-79, Србија, од: 24.09.2012, до: 28.09.2012, <http://www.socphyschemserb.org/>
  1. Катица Хедрих-Стевановић, Hedrih (Stevanović) K., (2012), DICTIONARY OF THE BASIC TERMS, METHODS AND PHENOMENA OF NONLINEAR DYNAMICS, Plenty Lecture, Proceedings of 11th International Conference of Fundamental and Applied Aspects of Physical Shemistry, PHYSICAL CHEMISTRY 2012, Belgrade. 24-28 September 2012, Vol. I, pp. 13-33. <http://www.socphyschemserb.org/> ISBN 978-86-82475-2-79, од стр. 13, до стр. 33
  2. Катица Хедрих-Стевановић, Član Naučnog odbora The 11th International Conference of Fundamental and Applied Aspects of Physical Shemistry, PHYSICAL CHEMISTRY 2012, Belgrade. 24-28 September 2012. <http://www.socphyschemserb.org/>, од стр. 1, до стр. 1, DOI: <http://www.socphyschemserb.org/>
- [Postconference Proceedings of the 9th Brazilian Conference on Dynamics Control and their Applications, Serra Negra, 2010. pp. 8-40. SP - ISSN 2178-3667. Publikovano u 2011. http://www.rc.unesp.br/igce/demac/dincon2010/instrucao.php \(M31\)](#), 2011, UneSP, Sao Paulo (Serra Negra), Brazil, 9, SP - ISSN 2178-3667, Brazil, <http://www.rc.unesp.br/igce/demac/dincon2010/instrucao.php>
  1. Катица Хедрих-Стевановић, Hedrih (Stevanović) K., (2010), Discontinuity of kinetic parameter properties in nonlinear dynamics of mechanical systems, Keynote Invited Lecture, 9th Brazilian Conference on Dynamics, Control and Their Applications - 9<sup>o</sup> Congresso Temático de Dinâmica, Controle e Aplicações, June 07-11, 2010. UneSP, Sao Paulo (Serra Negra), Brazil, Postconference Proceedings of the 9th Brazilian Conference on Dynamics Control and their Applications, Serra Negra, 2010, pp. 8-40. SP - ISSN 2178-3667, Publikovano u 2011, <http://www.rc.unesp.br/igce/demac/dincon2010/instrucao.php>, од стр. 8, до стр. 40
- [Selected papers, CCMECH-7, 7th INTERNATIONAL SYMPOSIUM ON CLASSICAL AND CELESTIAL MECHANICS \(CCMECH'2011\), October 23 – 28, 2011. Edited by Leszek Gądomski, Pavel Krasilnikov and Alexander Prokopenya. The Russian Academy of Sciences, A. A. Dorodnicyn Computing Centre of RAS, Moscow State University, Moscow State Aviation Institute, and Collegium Mazovia in Siedlce \(Poland\), pp. 44-62. ISBN 978-83-63169-20-6. \(M31\)](#), 2012, Edited by Leszek Gądomski, Pavel Krasilnikov and Alexander Prokopenya. The Russian Academy of Sciences, A. A. Dorodnicyn Computing Centre of RAS, Moscow State University, Moscow State Aviation Institute, and Collegium Mazovia in Siedlce (Poland), ISBN 978-83-63169-20-6., Poljska
  1. Катица Хедрих-Стевановић, Hedrih (Stevanović) K., (2012), Mass moment vectors and vector rotators and their applications to the rigid body multi-coupled rotations, (realized as Plenary Lecture, Certificate), Selected papers, CCMECH-7, 7th INTERNATIONAL SYMPOSIUM ON CLASSICAL AND CELESTIAL MECHANICS (CCMECH'2011), October 23 – 28, 2011, Edited by Leszek Gądomski, Pavel Krasilnikov and Alexander Prokopenya. The Russian Academy of Sciences, A. A. Dorodnicyn Computing Centre of RAS, Moscow State University, Moscow State Aviation Institute, and Collegium Mazovia in Siedlce (Poland), pp. 44-62. ISBN 978-83-63169-20-6., од стр. 44, до стр. 62
  2. Катица Хедрих-Стевановић, Hedrih (Stevanović) K., (2012), Angular velocities of the basic vectors of the position vectors of a rheonomic system and tangent space extension, (Plenary Lecture), Selected papers, CCMECH-7, 7th INTERNATIONAL SYMPOSIUM ON CLASSICAL AND CELESTIAL MECHANICS (CCMECH'2011), October 23 – 28, 2011, Edited by Leszek Gądomski, Pavel Krasilnikov and Alexander Prokopenya. The Russian Academy of Sciences, A. A. Dorodnicyn Computing Centre of RAS, Moscow State

University, Moscow State Aviation Institute, and Collegium Mazovia in Siedlce (Poland) pp. 29-43. ISBN 978-83-63169-20-6., од стр. 29, до стр. 43

• *Abstracts of International Conference on Recent Advances in Mathematical Sciences and Applications (ICRAMSA-2011), December 09-11, 2011, pp. 23-25. (M31)*, 2011, Indija, од: 09.12.2011, до: 11.12.2011

1. Катица Хедрих-Стевановић, Katica R. (Stevanović) Hedrih, је одржала следеће пленарно предавање по позиву у трајању од 45 минута, штампани у изводу: Professor N. R. Sen Memorial Lecture – Invited Lecture: Katica (Stevanović) Hedrih, Tangent space extension of the position vectors of a discrete rheonomic mechanical system, Abstracts of International Conference on Recent Advances in Mathematical Sciences and Applications (ICRAMSA-2011), December 09-11, 2011, pp. 23-25. Предавање јр било посвећено у част сећања на истакнутог професора Nikhilranjan Sen (1894-1964) који је радио на Универзитету у Калкути и био члан Калкута математичког друштва. , од стр. 23, до стр. 25

2. Катица Хедрих-Стевановић, Hedrih (Stevanović) Katica, (2012), Tangent space extension of the position vectors of a discrete rheonomic mechanical system, Professor N. R. Sen Memorial Lecture, Bulletin of the Calcutta Mathematical Society Volume 104, No. 2(2012) pp. 81-102. Bull. Cal. Math. 104 (2) 81-102 (2012)., од стр. 81, до стр. 102

### **M32.**

• *4th Serbian – Greek Symposium “Recent Advances in Mechanics – Short Communications”, Vlasina lake, Serbia, 9-10 July 2011, (M32)*, 2011, Srpsko drustvo za mehaniku, ISBN 978-86-909973-1-2, Srbija

1. Наташа Тришовић, Taško Maneski\*\*\*, Nataša Trišović, Taško Maneski, STRUCTURAL DYNAMICS REANALYSIS – NEW RESULTS, 4th Serbian – Greek Symposium “Recent Advances in Mechanics – Short Communications”, Vlasina lake, Serbia, 9-10 July 2011, Serbian Society of Mechanics, Pp 71-72, ISBN 978-86-909973-1-2, од стр. 71, до стр. 72

• *Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society, Str. 23-23. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: (M32) (M32)*, 2012, Serbian Scientific Society., 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1, Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>

1. Hiroshi Yabuno, October 1, 2012 at 12,00h-12,40h, Plenary Lecture Chairs: Albert C. J. Luo, Ljiljana Kolar-Anić and Yury A. Rossikhin PL-3. ID-67. EXPERIMENTAL INVESTIGATIONS OF ANALYSIS AND CONTROL OF NONLINEAR PHENOMENA IN SOME MECHANICAL SYSTEMS, H. Yabuno, Department of Mechanical Engineering, Faculty of Science and Technology, Keio University, JAPAN Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 23-23. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: (M32), од стр. 23, до стр. 23

• *Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society, Str. 21-21. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: (M32) (M32)*, 2012, Serbian Scientific Society, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1, Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>

1. Subhash Sinha, October 1, 2012 at 9,45h-10,25 h, Plenary Lecture Chairs: H. Yabuno, Marina V. Shitikova and Dragan Milosavljević PL-1. ID-60. DYNAMICS OF MULTI-VALUED VECTOR FIELDS WITH BOUNCING FLOWS IN DISCONTINUOUS DYNAMICAL SYSTEMS, Albert C. J. Luo, Mechanical and Industrial Engineering, Southern Illinois University Edwardsville, U. S. A. Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 21-21. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: (M32), од стр. 21, до стр. 21

• *Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society, Str. 22-22. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: (M32) (M32)*, 2012, Serbian Scientific Society, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1, Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>

1. Pavel S. Krasilnikov\*\*\*, October 1, 2012 at 10,30h-11,10h, Plenary Lecture Chairs: H. Yabuno, Marina V. Shitikova and Dragan Milosavljević L-2. ID-6. SMALL NONLINEAR OSCILLATIONS OF THE SATELLITE IN AN WEAKLY ELLIPTICAL ORBIT PLANE (THE COMPARATIVE ANALYSIS OF ASYMPTOTIC METHODS OF RESEARCH) P.S. Krasilnikov, Department of Differential Equations, Moscow State Aviation Institute, Russia. Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 22-22. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: (M32), од стр. 22, до стр. 22

• *Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society, Str. 36-36. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: (M32) (M32)*, 2012, Serbian Scientific Society, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1, Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>

1. Yury A. Rossikhin \*\*\*, Marina V. Shitikova\*\*\*, October 2, 2012 at 12,00h-12,40h, Plenary Lecture Chairs: Mihailo Lazarević, Albert Luo and Stevan Maksimović PL-11. ID-84. FRACTIONAL DERIVATIVE VISCOELASTIC MODELS IN THE WAVE THEORY OF

IMPACT, Yury A. Rossikhin and Marina V. Shitikova, Research Center on Dynamics of Solids and Structures, Voronezh State University of Architecture and Civil Engineering, Voronezh, Russia Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 36-36. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: (M32), од стр. 36, до стр. 36

• *Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society, Str. 30-31. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: (M32)*, 2012, Serbian Scientific Society, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1, Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>

1. Тамара Несторовић-Трајков, October 3, 2012 at 9,45h-10,25 h, Plenary Lecture Chairs: A. Markeev and Dragutin Debeljković. PL-7. ID-25. MODERN CONCEPTS OF ACTIVELY CONTROLLED SMART STRUCTURES – AN OVERALL DESIGN APPROACH, Tamara Nestorović, Institute of Computational Engineering, Mechanics of Adaptive Systems, Ruhr-Universität Bochum, Universitätsstr. 150, D-44801 Bochum, Germany Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 30-31. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: (M32), од стр. 30, до стр. 31

• *Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society, Str. 40-41. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1 (M32)*, 2012, Serbian Scientific Society, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1, Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>

1. Mikhail V. Zakrzhevsky, \*\*\*, October 3, 2012 at 11,30h-12,10h, Plenary Lecture Chairs: E. Grebenikov, Zekovic N. Dragomir and Nataša Trišović PL-14. ID-85. THE NEW COMPLETE BIFURCATION THEORY OF NONLINEAR DYNAMICAL SYSTEMS AND CHAOS. RARE ATTRACTORS AND APPLICATION TO GLOBAL ANALYSIS, Mikhail V. Zakrzhevsky, Prof., Dr.habil.sc.ing, Institute of Mechanics, Riga Technical University, email: mzakr@latnet.lv Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 40-41. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: (M32), од стр. 40, до стр. 41

• *Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics, Vlasina lake, Serbia, 5-8 July 2011 Минимумпозијум Nonlinear dynamics - Milutin Milanković Proceedings of Abstracts of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011, pp. 73. ISBN 978-86-9099773-3-9. (M32) [http://www.ssm.org.rs/Congress2011/docs/Accepted\\_abstracts.htm](http://www.ssm.org.rs/Congress2011/docs/Accepted_abstracts.htm) (M32)*, 2011, Serbian Society of Mechanics, 3(28), ISBN 978-86-9099773-3-9., Srbija, од: 05.07.2011, до: 08.07.2011, [http://www.ssm.org.rs/Congress2011/docs/Accepted\\_abstracts.htm](http://www.ssm.org.rs/Congress2011/docs/Accepted_abstracts.htm)

1. Subhash Sinha, Alumni Professor Subhash C. Sinha, Alumni Professor and Director, Nonlinear Systems Research Laboratory, Department of Mechanical Engineering, Auburn University, AL 36849, USA REDUCED ORDER MODELS FOR ANALYSIS AND CONTROL OF NONLINEAR SYSTEMS WITH PERIODIC COEFFICIENTS, Plenar Lecture, Proceedings of Abstracts of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011, pp. 73. ISBN 978-86-9099773-3-9. (M32) [http://www.ssm.org.rs/Congress2011/docs/Accepted\\_abstracts.htm](http://www.ssm.org.rs/Congress2011/docs/Accepted_abstracts.htm), од стр. 73, до стр. 73

• *Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society, Str. 60-61. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf) (M32)*, 2012, Serbian Scientific Society, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1, Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>

1. Маринко Угрчић, 4. Ugrčić M.: "Some Aspects of Bird Impact Theory", Invited lecture, Booklet of Abstracts - Symposium Nonlinear Dynamics Milutin Milanković. Multidisciplinary and Interdisciplinary Applications (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), pp. 60-61. Belgrade, Serbia. Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 60-61. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf), од стр. 60, до стр. 61

• *4th Serbian-Greek Symposium "Recent Advances in Mechanics" Vlasina Lake, Serbia (M32)*, 2011, XXXXXXXXXXXX, XXXXXXXX, Srbija, од: 09.07.2011, до: 10.07.2011

1. Катарина Максимовић, Стеван Максимовић, Мирјана Ђурић\*\*\*, FATIGUE LIFE ESTIMATION OF DAMAGED STRUCTURAL COMPONENTS USING STRAIN ENERGY DENSITY METHOD, од стр. -, до стр. -

• *Proceedings of 10th International Symposium Ukrainian Mechanical Engineers in Lviv, Ukraine, National University, Lviv Polytechnica, 2011, pp. 22-24. ISBN 978-966-7595-08-2. 10 ISUMEL 2011, Lviv, Ukraine, 25-27 маја 2011 год. (Јубиларни десети интернационални симпозијум машинских инжењера Украјине одржан у Лвову, 25-27 маја 2011 у организацији Лвовске Политехнике и часописа "Машинознанство" и уз подршку Министарства просвете и науке Украјине (M32)*, 2011, Lviv Polytechnic National University, Vandery str., 12, Lviv, Ukraine, Јубиларни десети интернационални симпозијум машинских инжењера Украјине одржан у Лвову, 25-27 маја 2011 у организацији Лвовске Политехнике и часописа "Машинознанство"

и уз подршку Министарства просвете и науке Украјине., 10, ISBN 978-966-7595-08-2., Ukraјina, од: 25.05.2011, до: 28.05.2011, <http://www.tripadvisor.com/SmartDeals-g295377-Lviv-Hotel-Deals.html>

1. Катица Хедрих-Стевановић, Katica R. (Stevanović) Hedrihm, Mass moment vectors and their applications to the rigid body simple and coupled rotations, Plenary Lecture, Proceedings of 10th International Symposium Ukrainian Mechanical Engineers in Lviv, Ukraine, National University, Lviv Politechnica, 2011, pp. 22-24, ISBN 978-966-7595-08-2., од стр. 22, до стр. 24

• *Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society, Str. 64., <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf) (M32), 2011, Serbian Scientific Society, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1, Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>*

1. Милош Јовановић, Nikodijeвић Jelena\*\*\*, Jovanović Miloš, Nikodijeвић Jelena, „Rayleigh-Benard convective instability in the presence of temperature modulation“, Invited Lecture, Serbian Scientific Society Symposium Nonlinear Dynamics Milutin Milanković Multidisciplinary and Interdisciplinary Applications SNDMIA 2012 Belgrade, October 1–5, 2012. Booklet of Abstracts pp. 64, ISBN 978-86-7746-344-1, (штампање у целини се очекује). (M34) Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 64., <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf), од стр. 64, до стр. 64

• *23rd International Congress of Theoretical and Applied Mechanics, ICTAM 19-24 avgust 2012 [http://www.ictam2012.org/-International-Union-of-Theoretical-and-Applied-Mechanics-Selekcija-IUTAM-Scientific-Committee-\(od-od-1887-npruxeahenux-1577\)-Kongres-najviseg-ranga-iz-oblasti-mehanike-u-svetu-\(M32\)](http://www.ictam2012.org/-International-Union-of-Theoretical-and-Applied-Mechanics-Selekcija-IUTAM-Scientific-Committee-(od-od-1887-npruxeahenux-1577)-Kongres-najviseg-ranga-iz-oblasti-mehanike-u-svetu-(M32)), 2012, International Union of Theoretical and Applied Mechanics, (IUTAM), 23, ISBN 978-988-16022-3-7, KINA, од: 19.08.2012, до: 25.08.2012, [www.ictam2012.org/](http://www.ictam2012.org/)*

1. Катица Хедрих-Стевановић, Hedrih (Stevanović) K., (2012), APPROXIMATIONS OF NONLINEAR DIFFERENTIAL EQUATION SOLUTIONS, Abstract book of 23rd International Congress of Theoretical and Applied Mechanics, Editors: Yilon Brill, Jianxian Wang and Daining Fang, (ICTAM Beijing 2012), 19-24 avgust 2012, SM16 Vibrations and control of structures, Seminar Session, International Union of Theoretical and Applied Mechanics . SM16-053, p. 79. <http://www.ictam2012.org/>, ISBN 978-16022-3-7, од стр. 79, до стр. 79

2. Катица Хедрих-Стевановић, Hedrih (Stevanović) K., (2012), APPROXIMATIONS OF NONLINEAR DIFFERENTIAL EQUATION SOLUTIONS, Two pages paper, CD-Proceedings of 23rd International Congress of Theoretical and Applied Mechanics, (ICTAM Beijing 2012), 19-24 avgust 2012, SM16 Vibrations and control of structures, SM16-053, International Union of Theoretical and Applied Mechanics, (IUTAM), two pages short paper, <http://www.ictam2012.org/>, од стр. SM16-053-1, до стр. SM16-053-2

3. Катица Хедрих-Стевановић, Напомена: Kategoriju predavanja: Seminar Session na ICTAM kongresu treba priznati u Kategoriji predavanja po pozivu stampan u izvodu na drugim internacionalnim kongresima iz ove oblasti, jer dobiti ovakvu kategoriju na ICTAM kongresu je veliki uspeh., од стр. 1, до стр. 1

• *8th European Solid Mechanics Conference in Graz, Austria during July 9 - 13, 2012. ESMC Graz 2012, 9-13 July, 2012 (<http://www.esmc2012.tugraz.at/>) (M32), 2012, EuroMech Society, 8, Austrija, од: 09.07.2012, до: 13.07.2012, <http://www.esmc2012.tugraz.at/>*

1. Катица Хедрих-Стевановић, Hedrih (Stevanović) K., (2012), Free Nonlinear Dynamics of a Heavy Mass Particle along Rotating Rough urvilinear Lines with Amontons-Coulomb's Type Friction and Different Rough Contact Surface Realizations, Invited lecture for Mini-symposium ESMC MS-10 \\"Dynamics of the Solids Systems with Friction\", Program of 8th European Solid Mechanics Conference in Graz, Austria during July 9 - 13, 2012. ESMC Graz 2012, 9-13 July, 2012, MS-10.2, p. 62 (<http://www.esmc2012.tugraz.at/>), од стр. 62, до стр. 62

2. Катица Хедрих-Стевановић, Hedrih (Stevanović) K., (2012), Free Nonlinear Dynamics of a Heavy Mass Particle along Rotating Rough urvilinear Lines with Amontons-Coulomb's Type Friction and Different Rough Contact Surface Realizations, Invited lecture for Mini-symposium ESMC MS-10 \\"Dynamics of the Solids Systems with Friction\", Two pages paper in CD Proceedings of 8th European Solid Mechanics Conference in Graz, Austria during July 9 - 13, 2012. ESMC Graz 2012, 9-13 July, 2012, MS-10.2, Paper 7. pp. MS-10.2, p7: 1-2. (<http://www.esmc2012.tugraz.at/>), од стр. MS-10.2, p7: 1, до стр. MS-10.2, p7: 2, DOI: CD

• *Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society, Str. 38-39. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: (M32), 2012, Serbian Scientific Society, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1, Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf)*

1. Катица Хедрих-Стевановић, October 5, 2012 at 12,00h-12,40h, Plenary Lecture Chairs: H. Yabuno, Pavel Krasilnikov and Marina V. Shitikova PL-13. ID-81. PHENOMENOLOGICAL MAPPING AND MATHEMATICAL ANALOGY IN NONLINEAR DYNAMICAL SYSTEMS, K. (Stevanović) Hedrih 1, 1 Mathematical Institute SANU, Department of Mechanics, and Faculty of Mechanical Engineering University of Niš, Serbia, Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 38-39. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf), од стр. 38, до стр. 39

• *Proceedings of 10th International Symposium Ukrainian Mechanical Engineers in Lviv, Ukraine, National University, Lviv Politechnica, 2011, pp. 22-24, ISBN 978-966-7595-08-2, <http://www.tripadvisor.com/SmartDeals-g295377-Lviv-Hotel-Deals.html>*



Lviv Polytechnic National University, Bandery str., 12, Lviv, Ukraine (M32), 2011, Lviv Polytechnic National University, Bandery str., 12, Lviv, Ukraine, 10, ISBN 978-966-7595-08-2, Украјина, од: 25.05.2011, до: 27.05.2011, <http://www.tripadvisor.com/SmartDeals-g295377-Lviv-Hotel-Deals.html>

1. 10 ISUMEL 2011, Lviv, Ukraine, 25-27 маја 2011 год. (Јубиларни десети интернационални симпозијум машинских инжењера Украјине одржан у Лвову, 25-27 маја 2011 у организацији Лвовске Политехнике и часописа '\\Машинознaнство\\' и уз подршку Министарства просвете и науке Украјине., од стр. 1, до стр. 1

2. Катица Хедрих-Стевановић, Katica R. (Stevanović) Hedrihm, Member of Scientific Committee of 10th International Symposium Ukrainian Mechanical Engineers in Lviv, 25-27 May 2011, Ukraine, National University, Lviv Politechnica, 2011, ISBN 978-966-7595-08-2. <http://www.tripadvisor.com/SmartDeals-g295377-Lviv-Hotel-Deals.html> Lviv Polytechnic National University, Bandery str., 12, Lviv, Ukraine, од стр. 1, до стр. 1

3. Катица Хедрих-Стевановић, Katica R. (Stevanović) Hedrihm, Mass moment vectors and their applications to the rigid body simple and coupled rotations, Plenary Lecture, Proceedings of 10th International Symposium Ukrainian Mechanical Engineers in Lviv, 25-27 May 2011, Ukraine, National University, Lviv Politechnica, 2011, pp. 22-24, ISBN 978-966-7595-08-2. <http://www.tripadvisor.com/SmartDeals-g295377-Lviv-Hotel-Deals.html> Lviv Polytechnic National University, Bandery str., 12, Lviv, Ukraine, од стр. 22, до стр. 24

• Book of Abstracts, CCMECH-7, 7th INTERNATIONAL SYMPOSIUM ON CLASSICAL AND CELESTIAL MECHANICS (CCMECH'2011), October 23 – 28, 2011, The Russian Academy of Sciences, A. A. Dorodnicyn Computing Centre of RAS, Moscow State University, Moscow State Aviation Institute, and Collegium Mazovia in Siedlce (Poland), pp. 40-41. ISBN 978-83-63169-08-4. (M32), 2011, The Russian Academy of Sciences, A. A. Dorodnicyn Computing Centre of RAS, Moscow State University, Moscow State Aviation Institute, and Collegium Mazovia in Siedlce (Poland),, 7, ISBN 978-83-63169-08-4., Poljska , од: 23.10.2011, до: 28.10.2011

1. Катица Хедрих-Стевановић, Katica R. (Stevanović) Hedrih, (2011), Mass moment vectors and vector rotators and their applications to the rigid body multi-coupled rotations, Book of Abstracts, CCMECH-7, 7th INTERNATIONAL SYMPOSIUM ON CLASSICAL AND CELESTIAL MECHANICS (CCMECH'2011), October 23 – 28, 2011, The Russian Academy of Sciences, A. A. Dorodnicyn Computing Centre of RAS, Moscow State University, Moscow State Aviation Institute, and Collegium Mazovia in Siedlce (Poland), pp. 40-41. ISBN 978-83-63169-08-4., од стр. 40, до стр. 41

2. Катица Хедрих-Стевановић, Katica R. (Stevanović) Hedrih, (2011), Angular velocities of the basic vectors of the position vectors of a rheonomic system and tangent space extension, Plenary Lecture, Book of Abstracts, CCMECH-7, 7th INTERNATIONAL SYMPOSIUM ON CLASSICAL AND CELESTIAL MECHANICS (CCMECH'2011), October 23 – 28, 2011, The Russian Academy of Sciences, A. A. Dorodnicyn Computing Centre of RAS, Moscow State University, Moscow State Aviation Institute, and Collegium Mazovia in Siedlce (Poland) pp. 35-39. ISBN 978-83-63169-08-4., од стр. 35, до стр. 39

3. Катица Хедрих-Стевановић, Katica R. (Stevanović) Hedrih, (2011), member of Scientific Committee of CCMECH-7, 7th INTERNATIONAL SYMPOSIUM ON CLASSICAL AND CELESTIAL MECHANICS (CCMECH'2011), October 23 – 28, 2011, The Russian Academy of Sciences, A. A. Dorodnicyn Computing Centre of RAS, Moscow State University, Moscow State Aviation Institute, and Collegium Mazovia in Siedlce (Poland). ISBN 978-83-63169-08-4., од стр. 1, до стр. 1

• 5th International Quality Conference. 20.05. 2011., Kragujevac, Serbia (M33), 2011, Faculty of Mechanical Engineering, Center for quality, Kragujevac, Serbia, ISBN 978-86-86663-68-9, Србија, од: 20.05.2011, до: 20.05.2011, <http://www.cqm.rs/2011/cd/5iqc/pdf/078.pdf>

1. Ивана Атанасовска, Старчевић Зорица\*\*\*, Богдановић Борисав\*\*\*, Јелић Милош\*\*\*, Procedures of the interlaboratory comparison for the freight wagon stationary brake test\*, од стр. 631, до стр. 636

• The 7th International scientific conference Research and development of mechanical elements and systems, 27-28. of april, 2011., Zlatibor, Serbia (M33), 2011, Mechanical Engineering Faculty, Niš, Serbia, ISBN 978-86-6055-012-7, Србија, од: 27.04.2011, до: 28.04.2011

1. Ивана Атанасовска, Митровић Радивоје\*\*\*, Момчиловић Дејан\*\*\*, Influence of transition section of shaft with flange on stress concentration factor\*, од стр. 213, до стр. 218

• D. Karličić, M. Čajić, Energy Transfer Analysis of an Elastically Connected Circular Double-Membrane Compound System, 8th European Solid Mechanics Conference July 9-13, 2012., Graz, Austria. CD - Two pages, http://www.esmc2012.tugraz.at/ (M33), 2012, EuroMech Society, Austriја, од: 09.07.2013, до: 13.07.2013, <http://www.esmc2012.tugraz.at/>

1. Милан Цајић, Данило Карличич, D. Karličić, M. Čajić, Energy Transfer Analysis of an Elastically Connected Circular Double-Membrane Compound System, 8th European Solid Mechanics Conference July 9-13, 2012., Graz, Austria. CD - Two pages, <http://www.esmc2012.tugraz.at/>, од стр. 1, до стр. 4, DOI: CD

• The 11th Conference on Dynamical Systems - Theory and Applications (DSTA 2011), which will take place in Łódź (Poland) between 5-8 December 2011. www.abm.p.lodz.pl (M33), 2011, Technical University Lodz, www.abm.p.lodz.pl, ISBN 978-83-7283-447-8, Poljska, од: 05.12.2011, до: 08.12.2011

1. Јулијана Симоновић, 4. Simonović, J., Synchronization and resynchronization in coupled systems with different type of coupling elements, DYNAMICAL SYSTEMS-Nonlinear Dynamics and Control, EDITORS: J. Awrejcewicz, M. Kazmierczak, P. Olejnik, J. Mrozowski, pp. 465-470, Lodz, December 5-8, 2011, Poland. Technical University Lodz ISBN 978-83-7283-447-8. www.abm.p.lodz.pl The 11th Conference on Dynamical Systems - Theory and Applications (DSTA 2011), which will take place in Łódź (Poland) between 5-8 December 2011. www.abm.p.lodz.pl, од стр. 465, до стр. 470

• The International Conference on Damage Mechanics (ICDM) in Belgrade, Serbia, during June 25-27, 2012 (M33), 2012, European Council of Engineers Chambers and Serbian society of Mechanics , 1, ISBN 978-86-86115-09-6 (SCE) ISBN 978-86-7518-153-8 (FCE), SRbija, од: 25.06.2012, до: 27.06.2012, <http://www.icdm.rs/icdm/?id=pocetna>

1. Никола Нешић, L. Zentner\*\*\*, U. Risto, \*\*\*, R. Uhlig, \*\*\*, N. Nestic, R. Uhlig, U. Risto, L. Zentner, Development of hybrid layered

• The International Conference on Damage Mechanics (ICDM) in Belgrade, Serbia, during June 25-27, 2012 (M33), 2012, European Council of Engineers Chambers and Serbian society of Mechanics , 1, ISBN 978-86-86115-09-6 (SCE) ISBN 978-86-7518-153-8 (FCE), SRbija, од: 25.06.2012, до: 27.06.2012, <http://www.icdm.rs/icdm/?id=pocetna>

1. Никола Нешић, L. Zentner\*\*\*, U. Risto, \*\*\*, R. Uhlig, \*\*\*, N. Nestic, R. Uhlig, U. Risto, L. Zentner, Development of hybrid layered

structures consisting of silicone and metal and their static tensile behavior, International Conference on Damage Mechanics ICDM1 June 25-27, 2012, Belgrade, Serbia. Pp. 253-256 ISBN 978-86-86115-09-6 (SCE) ISBN 978-86-7518-153-8 (FCE) [tp://www.icdm.rs/icdm/?id=pocetna](http://www.icdm.rs/icdm/?id=pocetna), од стр. 253, до стр. 256

- *Proceedings of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011 (M33)*, 2011, 3 Serbian- 28 Zu, ISBN 978-86-909973-3-6, Srbija, од: 05.07.2011, до: 08.12.2011, <http://www.ssm.org.rs/>  
1. Анђелка Хедрих, Кагица Хедрих-Стевановић, Andjelka N. Hedrih, Katica R. (Stevanović) Hedrih. MODELING DOUBLE DNA HELIX MAIN CHAINS FORCED VIBRATIONS. Proceedings of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011, M2-06, pp. 1147-1180, ISBN 978-86-909973-3-6 <http://www.ssm.org.rs/>, од стр. 1147, до стр. 1180
- *Proceedings of Annual conference of University of Russe, October 28-29 th, Ruse, Bulgaria, 2011. НАУЧНИ ТРУДОВЕ НА РУСЕНСКИЯ УНИВЕРСИТЕТ - 2011, том 50, серия 8.1. (M33)*, 2011, 8.1, 50, ISSN 1311-3321., Bugarska, од: 28.10.2011, до: 29.10.2011, <http://conf.uni-ruse.bg/bg/?cmd=dPage&pid=proc11-8.1>  
1. Анђелка Хедрих, Vladimir Hedrih\*\*\*, 6. A. Hedrih, V. Hedrih Attitudes and motives of potential sperm donors in Novi Pazar region of Serbia. Proceedings of Annual conference of University of Russe, October 28-29 th, Ruse, Bulgaria, 2011, НАУЧНИ ТРУДОВЕ НА РУСЕНСКИЯ УНИВЕРСИТЕТ - 2011, том 50, серия 8.1. pp:69-73. <http://conf.uni-ruse.bg/bg/?cmd=dPage&pid=proc11-8.1> ISSN 1311-3321., од стр. 69, до стр. 73
- *Proceedings of Annual conference of University of Russe, October 28-29 th, Ruse, Bulgaria (M33)*, 2011, 8.1, 50, ISSN 1311-3321, Bugarska, од: 28.10.2011, до: 29.10.2011, <http://conf.uni-ruse.bg/bg/?cmd=dPage&pid=proc11-8.1>  
1. Анђелка Хедрих, Vladimir Hedrih\*\*\*, 7. V. Hedrih. A. Hedrih, Personality Traits and Sperm Donor Related Attitudes of Potential Sperm Donors in the Novi Pazar Region of Serbia. Proceedings of Annual conference of University of Russe, October 28-29 th, Ruse, Bulgaria, 2011, НАУЧНИ ТРУДОВЕ НА РУСЕНСКИЯ УНИВЕРСИТЕТ - 2011, том 50, серия 8.1. pp: 77-82. <http://conf.uni-ruse.bg/bg/?cmd=dPage&pid=proc11-8.1> ISSN 1311-3321., од стр. 77, до стр. 82
- *ОТЕХ 2011 (M33)*, 2011, Vojno tehnički institut Beograd, ISBN 978-86-81123-50-8, Srbija, од: 06.10.2011, до: 07.10.2011  
1. Катарина Максимовић, Стеван Максимовић, Kozic M.\*\*\*, Georgijević D.\*\*\*, Ognjanović O.\*\*\*, Definition of load spectra using CFD method and fatigue life estimation of helicopter rotor blades, од стр. 122, до стр. 127
- *Proceedings of the 23 rd, Chinese Control and Decision Conference CCDC 2011 (M33)*, 2011, Institute of Electrical and Electronics Engineers, 978-1-4244-8736-3, China, од: 23.05.2011, до: 25.05.2011, <http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=5968197&url=http%3A%2F%2Fieeexplore.ieee.org%2Fstamp%2Fstamp.jsp%3Ftp%3D%26arnumber%3D5968197>  
1. Драгутин Дебелковић, Тамара Несторовић-Трајков, Бужуровић М. Иван\*\*\*, On finite and practical stability of time delayed systems: Lyapunov-Krassovski approach, delay dependent criteria, од стр. 331, до стр. 337, DOI: 10.1109/CCDC.2011.5968197
- *Proceedings of the 19th International Conference on Nuclear Engineering ICONE19 (M33)*, 2011, ASME, 978-0-7918-4353-6, Japan, од: 16.05.2011, до: 19.05.2011, <http://www.icone19.org/>
- *Proceedings of the 19th International Conference on Nuclear Engineering ICONE19 (M33)*, 2011, ASME, 978-0-7918-4353-6, Japan, од: 16.05.2011, до: 19.05.2011, <http://www.icone19.org/>
- *Proceedings of the 30th Chinese Control Conference (CCC 2011) (M33)*, 2011, Institute of Electrical and Electronics Engineers, 9781457706776, China, од: 22.07.2011, до: 24.07.2011, [http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6000443&contentType=Conference+Publications&searchWithin%3DNestorovic%26sortType%3Dasc\\_p\\_Sequence%26filter%3DAND%28p\\_IS\\_Number%3A6000362%29](http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6000443&contentType=Conference+Publications&searchWithin%3DNestorovic%26sortType%3Dasc_p_Sequence%26filter%3DAND%28p_IS_Number%3A6000362%29)  
1. Драгутин Дебелковић, Тамара Несторовић-Трајков, Бужуровић М. Иван\*\*\*, On finite time stability and asymptotic practical stability of time delayed systems: New delay dependent criteria, од стр. 1058, до стр. 1065
- *Proceedings of the 9th International Symposium on Intelligent Systems and Informatics (M33)*, 2011, Institute of Electrical and Electronics Engineers, 9781457719752, Serbia, од: 08.09.2011, до: 10.09.2011, [http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6034305&contentType=Conference+Publications&searchWithin%3DDebeljkovic%26sortType%3Dasc\\_p\\_Sequence%26filter%3DAND%28p\\_IS\\_Number%3A6034292%29](http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6034305&contentType=Conference+Publications&searchWithin%3DDebeljkovic%26sortType%3Dasc_p_Sequence%26filter%3DAND%28p_IS_Number%3A6034292%29)  
1. Драгутин Дебелковић, Небојша Димитријевић, Бужуровић Иван\*\*\*, On finite time and practical stability of linear discrete time delay systems, од стр. 119, до стр. 124
- *Proceedings of the 2011 IEEE International Conference on Control Applications (CCA), Denver, CO, USA. (M33)*, 2011, 978-4577-1061-2, USA, од: 26.09.2011, до: 30.09.2011, [http://www.ieee.org/conferences\\_events/conferences/conferencedetails/index.html?Conf\\_ID=15545](http://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=15545)  
1. Драгутин Дебелковић, Небојша Димитријевић, Тамара Несторовић-Трајков, Сретен Стојановић, Александрић М.\*\*\*, Бужуровић Иван\*\*\*, D.Lj. Debeljkovic, I. Buzurovic, T. Nestorovic, S.B. Stojanovic, N.J. Dimitrijevic, M.S. Aleksendric, Time Delayed System Stability Theory in the sense of Non-Lyapunov Delay Independent and Delay Dependent Approach: New Results, 2011 IEEE International Conference on Control Applications (CCA), Denver, CO, USA. September 28-30, pp. 1410-1417, 2011., од стр. 1410, до стр. 1417
- *Proceedings of the 2011 IEEE ICCA (International Conference on Control and Automation), Santiago(Chile) (M33)*, 2011, IEEE, 978-1-4577-1474-0, Chile, од: 19.12.2011, до: 21.12.2011, [http://www.ieee.org/conferences\\_events/conferences/conferencedetails/index.html?Conf\\_ID=15545](http://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=15545)

1. Драгутин Дебељковић, Тамара Несторовић-Трајков, Бужуровић И.\*\*\*, Попов Д.\*\*\*, A new approach to stability of singular time delay systems in the sense of non-Lyapunov delay independent conditions, од стр. 312, до стр. 317

• *Proceedings 2011 IEEE ICCA (International Conference on Control and Automation), Santiago (Chile) (M33)*, 2011, IEEE, 978-1-4577-1474-0, Chile, од: 19.12.2011, до: 21.12.2011, <http://uav.ece.nus.edu.sg/~icca11/>

1. Драгутин Дебељковић, Тамара Несторовић-Трајков, Сретен Стојановић, Бужуровић И.\*\*\*, Попов Д.\*\*\*, D.Lj. Debeljkovic, I.M. Buzurovic, S.B. Stojanovic, D. Popov, T. Nestorovic, Further Results on Stability of Linear Discrete Time Delay Systems over a Finite Time Interval: Novel Delay-Independent Conditions, 2011 9th IEEE International Conference on Control and Automation (ICCA) Santiago, Chile, December 19-21, pp. 1213-1218, 2011., од стр. 1213, до стр. 1218

• *Proceedings of the 16th International Conference on Intelligent Engineering Systems (M33)*, 2012, IEEE, 978-1-4673-2694-0, Portugal, од: 13.06.2012, до: 15.06.2012, [http://www.ieee.org/conferences\\_events/conferences/conferencedetails/index.html?Conf\\_ID=21055](http://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=21055)

1. Драгутин Дебељковић, Тамара Несторовић-Трајков, Сретен Стојановић, Бужуровић Иван\*\*\*, 11. D.Lj. Debeljkovic, I.M. Buzurovic, S.B. Stojanovic, T. Nestorovic, LMI Approach to Non-Lyapunov Stability of Discrete Descriptor Time Delay Systems, Proc. of the 16th International Conference on Intelligent Engineering Systems, INES 2012, June 13-15, 2012, Lisbon, Portugal, pp.411-415., од стр. 411, до стр. 415

• *Proceedings of the 10th World Congress on Intelligent Control and Automation (M33)*, 2012, IEEE, 978-1-4673-1397-1, China, од: 06.07.2012, до: 08.07.2012, [http://ieeexplore.ieee.org/xpl/tocresult.jsp?sortType%3Dasc\\_p\\_Sequence%26filter%3DAND%28p\\_IS\\_Number%3A6357826%29&searchWithin=Stojanovic&pageNumber=1&resultAction=REFINE](http://ieeexplore.ieee.org/xpl/tocresult.jsp?sortType%3Dasc_p_Sequence%26filter%3DAND%28p_IS_Number%3A6357826%29&searchWithin=Stojanovic&pageNumber=1&resultAction=REFINE)

1. Драгутин Дебељковић, Небојша Димитријевић, Сретен Стојановић, Дејан Попов\*\*\*, 12. Dragutin Lj. Debeljkovic, Sreten B. Stojanovic, Nebojsa J. Dimitrijevic, Dejan Popov, The stability of linear discrete time delay systems over a finite time interval: new results, Proc. of the 10th World Congress on Intelligent Control and Automation, July 6-8, 2012, Beijing, China, pp. 1459-1464., од стр. 1459, до стр. 1464

• *Proceedings of the 10th World Congress on Intelligent Control and Automation (M33)*, 2012, IEEE, 978-1-4673-1397-1, China, од: 06.07.2012, до: 08.07.2012, [http://ieeexplore.ieee.org/xpl/tocresult.jsp?sortType%3Dasc\\_p\\_Sequence%26filter%3DAND%28p\\_IS\\_Number%3A6357826%29&searchWithin=Stojanovic&pageNumber=1&resultAction=REFINE](http://ieeexplore.ieee.org/xpl/tocresult.jsp?sortType%3Dasc_p_Sequence%26filter%3DAND%28p_IS_Number%3A6357826%29&searchWithin=Stojanovic&pageNumber=1&resultAction=REFINE)

1. Драгутин Дебељковић, Небојша Димитријевић, Сретен Стојановић, Дејан Попов\*\*\*, 13. Dragutin Lj. Debeljkovic, Sreten B. Stojanovic, Nebojsa J. Dimitrijevic, Dejan Popov, On Non-Lyapunov Stability of Linear Discrete Time Delay Systems: LMIs Approach, Proc. of the 10th World Congress on Intelligent Control and Automation, July 6-8, 2012, Beijing, China, pp.1535-1540., од стр. 1535, до стр. 1540

• *Proceedings of the XI International SAUM Conference on Systems, Automatic Control and Measurements Niš, Serbia (M33)*, 2012, Association of Serbia for Systems, Automatic Control and Measurements, 978-86-6125-072-9, Srbija, од: 14.11.2012, до: 16.11.2012, <http://saum2012.elfak.rs/index.php/about-saum>

1. Драгутин Дебељковић, Сретен Стојановић, Д. С. Антић\*\*\*, 14. D. S. Antić, S. B. Stojanović, D. Lj. Debeljković, Finite-time Stability and Stabilization of Singular Discrete Time-delay Systems, Proc. of the XI International SAUM Conference on Systems, Automatic Control and Measurements Niš, Serbia, November 14-16, 2012, pp. 160-163., од стр. 160, до стр. 163

• *Proceedings of the XI International SAUM Conference on Systems, Automatic Control and Measurements Niš, Serbia (M33)*, 2011, Association of Serbia for Systems, Automatic Control and Measurements, 978-86-6125-072-9, Srbija, од: 14.11.2012, до: 16.11.2012, <http://saum2012.elfak.rs/index.php/about-saum>

1. Драгутин Дебељковић, Сретен Стојановић, Д.С. Антић\*\*\*, 15. S. B. Stojanović, D. Lj. Debeljković, D. S. Antić, Finite-time Stability and Stabilization of Singular Time Delay Systems, Proc. of the XI International SAUM Conference on Systems, Automatic Control and Measurements Niš, Serbia, November 14-16, 2012, pp. 228-231., од стр. 228, до стр. 231

• *Proceedings of the AADECA 2012 – Semana del Control Automático –23º Congreso Argentino de Control Automático 3 al 5 de Octubre de 2012 – Buenos Aires, Argentina (M33)*, 2012, Argentina, од: 03.10.2012, до: 05.10.2012, <http://www.aadeca.org/aadeca12/html/congreso/congreso.php>

1. Драгутин Дебељковић, Тамара Несторовић-Трајков, Горан Симеуновић, Сретен Стојановић, Михаило Лазаревић\*\*\*, 16. Dragutin Debeljkovic, Sreten Stojanovic, Mihailo Lazarevic, Tamara Nestorovic, Goran Simeunovic, On practical stability of time delayed systems: delay independent and delay dependent criteria, Proc. of the AADECA 2012 – Semana del Control Automático –23º Congreso Argentino de Control Automático 3 al 5 de Octubre de 2012 – Buenos Aires, Argentina, pp. 1-8., од стр. 1, до стр. 8

• *Proceedings of the Chinese Control Conference CCDC 2012, Taiyuan, (China) (M33)*, 2012, IEEE, 978-1-4577-2072-7, China, од: 23.05.2012, до: 25.05.2012, [http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6244184&contentType=Conference+Publications&searchWithin%3DDebeljkovic%26sortType%3Dasc\\_p\\_Sequence%26filter%3DAND%28p\\_IS\\_Number%3A6242916%29](http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6244184&contentType=Conference+Publications&searchWithin%3DDebeljkovic%26sortType%3Dasc_p_Sequence%26filter%3DAND%28p_IS_Number%3A6242916%29)

1. Драгутин Дебељковић, Тамара Несторовић-Трајков, Иван Бужуровић\*\*\*, Дејан Попов\*\*\*, Debeljkovic, D. Lj., I. M. Buzurovic, T. Nestorovic, D. Popov, "A New Approach to the Stability of Discrete Descriptor Time Delay Systems in the sense of Non-Lyapunov Delay Independent Conditions", Proc. Chinese Control Conference CCDC 2012, Taiyuan, (China), 23 – 25, May, (2012), pp.1155 - 1160, од стр. 1149, до стр. 1154

• *Proceedings of the SISY 2012, 10 th International Symposium on Inteligent Systems and Informatics (M33)*, 2012, IEEE, 978-1-4673-4751-8, Srbija, од: 20.09.2012, до: 22.09.2012, <http://conf.uni-obuda.hu/sisy2012/>

1. Драгутин Дебељковић, Горан Симеуновић, И. Бужуровић\*\*\*, М. Мишић\*\*\*, Ђ. Коруга\*\*\*, Debeljkovic, D. Lj. I. M. Buzurovic,

G. V. Simeunovic, M. Misic, Dj. Koruga "Non-Lyapunov Stability of Singular Systems: Classical and Modern Approaches with Application to Automatic Drug Delivery", Proc. of the Sisy 2012, 10 th International Symposium on Intelligent Systems and Informatics, September 20 - 22 Subotica (Serbia), 379 – 384, од стр. 379, до стр. 384

- *The Third International Congress of Serbian Society of Mechanics, Vlasina lake (M33)*, 2011, Serbian Society of Mechanics, ISBN 978-86-909973-3-6, Srbija, од: 05.07.2011, до: 08.07.2011  
1. Стеван Максимовић, Vasović I.\*\*\*, Maksimović M.\*\*\*, Đurić M.\*\*\*, RESIDUAL LIFE ESTIMATION OF DAMAGED STRUCTURAL COMPONENTS USING LOW-CYCLE FATIGUE PROPERTIES, од стр. -, до стр. -
- *First International Conference on Damage Mechanics (M33)*, 2012, ICDM, ISBN: 978-86-86115-09-6 (SCE), Srbija, од: 25.06.2012, до: 27.06.2012  
1. Кагарина Максимовић, Вера Николић-Станојевић, М. Maksimovic\*\*\*, NUMERICAL SIMULATION OF DAMAGE IN THE THIN PLATES, од стр. 109, до стр. 112
- *4th International Scientific Conference on Defensive Technologies, ОТЕХ 2011 (M33)*, 2011, ISBN 978-86-81123-50-8, Srbija, од: 06.10.2011, до: 07.10.2011  
1. Стеван Максимовић, Boljanović Slobodanka\*\*\*, Andrea Carpinteri\*\*\*, Residual life estimation of quarter-elliptical corner crack growth, од стр. 628, до стр. 633
- *4th International Scientific Conference on Defensive Technologies, ОТЕХ 2011 (M33)*, 2011, Vojno tehnički institut Beograd, ISBN 978-86-81123-50-8, Srbija, од: 06.10.2011, до: 07.10.2011  
1. Стеван Максимовић, Posavljak S.\*\*\*, Boljanović S.\*\*\*, Fatigue life defining of aircraft engine disks, од стр. 79, до стр. 84
- *10th Anniversary International conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology (M33)*, 2011, University of Banja Luka, Faculty of Mechanical Engineering, ISBN 978-99938-39-36-1, Republika Srpska, од: 26.05.2011, до: 28.05.2011  
1. Стеван Максимовић, Vasović I.\*\*\*, Maksimović M.\*\*\*, SOME ASPECTS TO DESIGN OF AIRCRAFT STRUCTURES WITH RESPECTS TO FATIGUE AND FRACTURE MECHANICS, од стр. 191, до стр. 201
- *Third Serbian Congress Theoretical and Applied Mechanics, Vlasina Lake, 5-8 July 2011 (M33)*, 2011, Serbian Society of Mechanics, ISBN 978-86-909973-3-6, Srbija, од: 05.07.2011, до: 08.07.2011  
1. Кагарина Максимовић, Marija Blažić\*\*\*, Yasmina Assoul\*\*\*, DETERMINATION OF STRESS INTENSITY FACTORS OF STRUCTURAL ELEMENTS BY SURFACE CRACKS, од стр. 374, до стр. 383
- *Third Serbian Congress Theoretical and Applied Mechanics, Vlasina Lake, 5-8 July 2011 (M33)*, 2011, Serbian Society of Mechanics, ISBN 978-86-909973-3-6, Srbija, од: 05.07.2011, до: 08.07.2011  
1. Кагарина Максимовић, Strain Posavljak\*\*\*, Miodrag Janković\*\*\*, DAMAGE OF AERO ENGINE DISKS IN FUNCTION OF CYCLIC MATERIAL PROPERTIES AND TYPE OF ENGINE START-STOP CYCLES, од стр. 723, до стр. 733
- *DEMI 2011, 10th Anniversary International conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology (M33)*, 2011, University of Banja Luka, Faculty of Mechanical Engineering, ISBN 978-99938-39-36-1, Republika Srpska, од: 26.05.2011, до: 28.05.2011  
1. Кагарина Максимовић, Posavljak Strain\*\*\*, Janković Miodrag\*\*\*, Crack Initiation Life of Notched Metallic Parts exposed to Low Cycle Fatigue, од стр. 99, до стр. 110
- *DEMI 2011, 10th Anniversary International conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology (M33)*, 2011, University of Banja Luka, Faculty of Mechanical Engineering, ISBN 978-99938-39-36-1, Republika Srpska, од: 26.05.2011, до: 28.05.2011  
1. Стеван Максимовић, Boljanovic Slobodanka\*\*\*, Strain Posavljak\*\*\*, Fatigue Life Estimation of Cracked Structural Components, од стр. 165, до стр. 172
- *2012 Sisy IEEE 10th Jubilee International Symposium on Intelligent Systems and Informatics, Subotica, Serbia, Obuda University, Hungary. (September 20-22, 2012). (M33)*, 2012, <http://conf.uni-obud>, ISBN 978-1-4673-4750-1/12, Srbija, од: 20.09.2012, до: 22.09.2012  
1. Љубинко Кевац, Мирјана Филиповић\*\*\*, Trajectory tracking algorithm for elastic robotic mechanism, од стр. 221, до стр. 225
- *2012 Sisy IEEE 10th Jubilee International Symposium on Intelligent Systems and Informatics, Subotica, Serbia, Obuda University, Hungary. (September 20-22, 2012). (M33)*, 2012, ISBN 978-1-4673-4750-1/12, Srbija, од: 20.09.2012, до: 22.09.2012, <http://conf.uni-obuda.hu/sisy2012/paper.htm>  
1. Љубинко Кевац, Мирјана Филиповић\*\*\*, Бранимир Рељин\*\*\*, Comparative analysis of two configurations of aerial robot., од стр. 211, до стр. 216
- *”, IROS 2012: IEEE/RSJ International Conference on Intelligent Robots and Systems, Vilamoura, Institute for System and Robotics, University of Coimbra, Portugal (October 7-12, 2012). (M33)*, 2012, ISBN 978-1-4673-1735-1, Portugal, од: 07.10.2012, до: 12.10.2012, <http://www.iros2012.org/site/>  
1. Љубинко Кевац, Мирјана Филиповић\*\*\*, Ана Ђурић\*\*\*, Contribution to the modeling of Cable-suspended Parallel Robot hanged on the four points., од стр. 3526, до стр. 3531



- 10th International Symposium on Electronics and Telecommunications, ISETC 2012, Tenth Edition, Politehnica University of Timisoara, Timisoara, Romania (Novembar 15-16, 2012). (M33), 2012, ISBN 978-1-4673-1175-5, Rumunija, од: 15.11.2012, до: 16.11.2012, <http://www.etc.upt.ro/isetc2012/home.php>  
1. Љубинко Кевац, Мирјана Филиповић\*\*\*, Ана Ђурић\*\*\*, Future directions for implementation of aerial robot., од стр. 91 , до стр. 94
- 10th International Symposium on Electronics and Telecommunications, ISETC 2012, Tenth Edition, Politehnica University of Timisoara, Timisoara, Romania (Novembar 15-16, 2012). (M33), 2012, ISBN 978-1-4673-1175-5, Rumunija, од: 15.11.2012, до: 16.11.2012, <http://www.etc.upt.ro/isetc2012/home.php>  
1. Љубинко Кевац, Срђан Митровић\*\*\*, Жељко Ђуровић\*\*\*, Александар Родић\*\*\*, Mobile robot control based on principles of Electrostatics, од стр. 87 , до стр. 90
- 20th Telecommunications Forum TELFOR 2012, 20-22 November 2012, Belgrade, Serbia. (M33), 2012, ISBN 978-1-4673-2982-8, Srbija, од: 20.11.2012, до: 22.11.2012, <http://telfor.rs/>  
1. Љубинко Кевац, Мирјана Филиповић\*\*\*, Ана Ђурић\*\*\*, The mathematical model of aerial robot in purpose increasing of its autonomy., од стр. 1575, до стр. 1578
- 20th Telecommunications Forum TELFOR 2012, 20-22 November 2012, Belgrade, Serbia (M33), 2012, ISBN 978-4673-2984-2/12, Srbija, од: 20.11.2012, до: 22.11.2012, <http://telfor.rs/>  
1. Љубинко Кевац, Матија Штрбац\*\*\*, Иван Поповић\*\*\*, Ненад Јовичић\*\*\*, Wireless camera network system: test of concept., од стр. 1001, до стр. 1004
- 5th International Quality Conference. 20.05. 2011., Kragujevac, Serbia (M33), 2011, Faculty of Mechanical Engineering, Center for quality, Kragujevac, Serbia, ISBN 978-86-86663-68-9, Србија, од: 20.05.2011, до: 20.05.2011, <http://www.cqm.rs/2011/cd/5iqc/pdf/037.pdf>  
1. Ивана Атанасовска, Момчиловић Дејан\*\*\*, Тодоровић Миролjub\*\*\*, Старчевић Зорица\*\*\*, Quality requirements for welding of railway tracks\*, од стр. 301, до стр. 306
- Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics, Vlasina lake, Serbia, 5-8 July 2011, Section C – Mechanics of solid bodies (M33), 2011, Serbian Society of Mechanics, Serbia, ISBN 978-86-909973-3-6 , Србија, од: 05.07.2011, до: 08.07.2011, <http://www.ssm.org.rs/Congress2011/index.html>  
1. Ивана Атанасовска, The influence of load and boundary condition simulation on the structural evaluation of railway wagons with finite element tools , од стр. 352, до стр. 365
- 11th International Conference “Research and Development in Mechanical Industry” RaDMI 2011, Sokobanja, Serbia, 15-18. September 2011 (M33), 2011, SaTСIP (Scientific and Technical Center for Intellectual Property) Ltd., Vrnjačka Banja, Serbia, 1, ISBN 978-86-6075-027-5, Србија, од: 15.09.2011, до: 18.09.2011  
1. Ивана Атанасовска, Ерић Оливера\*\*\*, Момчиловић Дејан\*\*\*, Дојчиновић Марина\*\*\*, ADI material for gears with high contact stresses\*, од стр. 156, до стр. 161
- 11th International Conference “Research and Development in Mechanical Industry” RaDMI 2011, Sokobanja, Serbia, 15-18. September 2011 (M33), 2011, SaTСIP (Scientific and Technical Center for Intellectual Property) Ltd., Vrnjačka Banja, Serbia, 1, ISBN 978-86-6075-027-5, Србија, од: 15.09.2011, до: 18.09.2011  
1. Ивана Атанасовска, Момчиловић Дејан\*\*\*, Ерић Оливера\*\*\*, Rate independent plasticity – a material nonlinearity in Finite Element Analysis, од стр. 435, до стр. 443
- 34th International conference on production engineering, Niš, Serbia, 28-30. September 2011 (M33), 2011, University of Niš, Faculty of Mechanical Engineering, Serbia, ISBN 978-86-6055-019-6, Србија, од: 28.09.2011, до: 30.09.2011  
1. Ивана Атанасовска, Митровић Радивоје\*\*\*, Момчиловић Дејан\*\*\*, Ерић Оливера\*\*\*, Influence of production process on fatigue properties of heavy castings - a case study\*, од стр. 457, до стр. 460
- Proceedings – the Seventh International Symposium KOD 2012, 24-26.05.2012., Balatanfured, Hungary (M33), 2011, Faculty of Technical Science – Novi Sad, Serbia, ISBN 978-86-7892-399-9, Hungary, од: 24.05.2012, до: 26.05.2012, <http://www.kod.ftn.uns.ac.rs/download/final.pdf>  
1. Ивана Атанасовска, Момчиловић Дејан\*\*\*, Митровић Радивоје\*\*\*, Quantification of stress raiser influence on decrease of machine parts fatigue life\*, од стр. 215, до стр. 218
- 6th International Quality Conference. 08.06. 2012., Kragujevac, Serbia (M33), 2012, Faculty of Mechanical Engineering, Center for quality, Kragujevac, Serbia, ISBN: 978 - 86 - 86663 - 82 - 5, Србија, од: 08.06.2012, до: 08.06.2012, <http://www.cqm.rs/2012/cd/6iqc/pdf/87.pdf>  
1. Ивана Атанасовска, Старчевић Зорица\*\*\*, Јелић Милош\*\*\*, The identification of measurement uncertainty source in determining wagon braked weight by means of tests\*, од стр. 793, до стр. 799
- Proceedings of The First International Conference on Damage Mechanics, Belgrade, Serbia (M33), 2012, Serbian Chamber of Engineers, Belgrade and Faculty of Civil Engineering, Belgrade, 978-86-86115-09-6 , Serbia, од: 25.06.2012, до: 27.06.2012, [www.icdm.rs](http://www.icdm.rs)  
1. Јелена Вељковић-Ђоковић, Ружица Николић\*\*\*, Behavior of an interfacial crack between the two layers in the stationary temperature field conditions, од стр. 105, до стр. 108

- *XXI Russian - Slovak - Polish Seminar, Theoretical foundation of civil engineering, Moscow - Arkhangelsk (M33)*, 2012, Warsaw University of Technology, Faculty of Civil Engineering, Warszawa, 978-83-7814-021-4, Poland, од: 03.07.2012, до: 06.07.2012  
1. Јелена Вељковић-Ђоковић, Ružica Nikolić\*\*\*, Jan Bujnak\*\*\*, Vladimir Radović\*\*\*, Plastic analysis of spatial frame structures, од стр. 197, до стр. 204
- *8th European Solid Mechanics Conference (ESMC-2012), Institute of Biomechanics Graz University of Tehnology Austria, Graz, Austria, 9-13 July, 2012. (M33)*, 2012, EuroMech Society and Institute of Biomechanics Graz University of Tehnology Austria, Graz, Austria, 8, Austrija, од: 09.07.2012, до: 13.07.2012, <http://www.esmc2012.tugraz.at/images/stories/programme.pdf>  
1. Срђан Јовић, Владимир Раичевић, Јовић S., Raičević V., Vibro-Impact System Based on Oscillator, With Two Heavy Mass Particles Moving Along a Rough Circle, 8th European Solid Mechanics Conference (ESMC-2012), Institute of Biomechanics Graz University of Tehnology Austria, Graz, Austria, 9-13 July, 2012. Категоризација: M33 [http link: http://www.esmc2012.tugraz.at/images/stories/programme.pdf](http://www.esmc2012.tugraz.at/images/stories/programme.pdf), од стр. 1, до стр. 2, DOI: CD
- *DYNAMICAL SYSTEMS - Nonlinear Dynamics and Control, EDITORS: J. Awrejcewicz, M. Kazmierczak, P. Olejnik, J. Mrozowski, Technical University Lodz, pp. 429-434, Łódź, December 5-8, 2011, Poland. (M33)*, 2011, Technical University Lodz, ISBN 978-83-7283-447-8., Poljska, од: 05.12.2011, до: 08.12.2011, <http://www.dys-ta.com/documents/DSTA11-Program.pdf>, [www.abm.p.lodz.pl](http://www.abm.p.lodz.pl)  
1. Срђан Јовић, Јовић S., The phase portrait of the vibro-impact dynamics of two mass particle motions along rough circle, DYNAMICAL SYSTEMS - Nonlinear Dynamics and Control, EDITORS: J. Awrejcewicz, M. Kazmierczak, P. Olejnik, J. Mrozowski, Technical University Lodz, pp. 429-434, Łódź, December 5-8, 2011, Poland. . ISBN 978-83-7283-447-8. Категоризација: M33 [http link: http://www.dys-ta.com/documents/DSTA11-Program.pdf](http://www.dys-ta.com/documents/DSTA11-Program.pdf), [www.abm.p.lodz.pl](http://www.abm.p.lodz.pl), од стр. 428, до стр. 434
- *Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics, Vlasina lake, Serbia, 5-8 July, 2011, Proceedings of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011, M2-10, pp. 1202-1222. . ISBN 978-86-909973-3-6 (M33)*, 2011, Srosko drustvo za mehaniku, 3Srosku (28 YU), ISBN 978-86-909973-3-6, Srbija, од: 05.07.2011, до: 08.07.2011, <http://www.ssm.org.rs/Congress2011/programme.html>, <http://www.ssm.org.rs/>  
1. Срђан Јовић, Владимир Раичевић, Јовић S., Raičević V., Vibro-impact system based on oscillator, with two heavy mass particles moving along a rough parabola, Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics, Vlasina lake, Serbia, 5-8 July, 2011, Proceedings of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011, M2-16, pp. 1247-1258, ISBN 978-86-909973-3-6 <http://www.ssm.org.rs/> Категоризација: M33 [http link: http://www.ssm.org.rs/Congress2011/programme.html](http://www.ssm.org.rs/Congress2011/programme.html), од стр. 1247, до стр. 1258  
2. Срђан Јовић, Владимир Раичевић, Јовић S., Raičević V., Garić LJ., Energy analysis of vibro-impact system based on oscillator with two heavy mass particles along horizontal rough line, Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics, Vlasina lake, Serbia, 5-8 July, 2011, Proceedings of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011, M2-10, pp. 1202-1222. , ISBN 978-86-909973-3-6 Категоризација: M33 [http link: http://www.ssm.org.rs/Congress2011/programme.html](http://www.ssm.org.rs/Congress2011/programme.html), <http://www.ssm.org.rs/>, од стр. 1202, до стр. 1222
- *Proceedings of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011, pp.M2-09, 1194-1201., ISBN 978-86-909973-3-6. http://www.ssm.org.rs/.* (M33), 2011, Serbian Society of Mechanics, 3 SR(28YU), ISBN 978-86-909973-3-6, Srbija, од: 05.07.2011, до: 08.07.2011, <http://www.ssm.org.rs/>  
1. Љиљана Вељовић, Вера Николић-Станојевић, Dolićanin Ć., \*\*\*, Obradović M.: \*\*\*, 4. Nikolić V., Dolićanin Ć., Veljović Lj., Obradović M.: Dynamical Models for Reducing Oscillations of Buildings, Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics, Vlasina lake, Serbia, 5-8 July 2011. Proceedings of Abstracts, ISBN 978-86-909973-2-9, pp.C-42, Proceedings of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011, pp.M2-20, 1259-1274., ISBN 978-86-909973-3-6. <http://www.ssm.org.rs/>, од стр. 1259, до стр. 1274  
2. Катрица Хедрих-Стевановић, Љиљана Вељовић, 3. Hedrih (Stevanović) K., Veljović Lj.: Analysis of the Vector Rotators of a Rigid Body Nonlinear Dynamics About Two Axes Without Section, Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics, Vlasina lake, Serbia, 5-8 July 2011. Proceedings of Abstracts, ISBN 978-86-909973-2-9, pp.M2-09 Proceedings of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011, pp.M2-09, 1194-1201., ISBN 978-86-909973-3-6. <http://www.ssm.org.rs/>, од стр. 1184, до стр. 1201
- *International Congress Motor Vehicles & Motors 2012., Faculty of Engineering, University of Kragujevac, ISBN 978-99938-39-36-1, pp. 352-358. (M33)*, 2012, Faculty of Engineering, University of Kragujevac., ISBN 978-99938-39-36-1  
1. Љиљана Вељовић, D. Milosavljević,\*\*\*, G. Bogdanović, \*\*\*, A. Radaković, M. Lazić, \*\*\*, D. Milosavljević, G. Bogdanović, Lj. Veljović, A. Radaković, M. Lazić, Composite materials in automotive engineering – mechanical behavior of anisotropic media, International Congress Motor Vehicles & Motors 2012., Faculty of Engineering, University of Kragujevac, ISBN 978-99938-39-36-1, pp. 352-358, 2012, од стр. 352, до стр. 358  
2. Љиљана Вељовић, D. Milosavljević, \*\*\*, G. Bogdanović,\*\*\*, A. Radaković, \*\*\*, M. Lazić, \*\*\*, D. Milosavljević, Lj. Veljović, G. Bogdanović, A. Radaković, M. Lazić, Nonlinear dynamics of heavy gyro rotors, International Congress Motor Vehicles & Motors 2012., Faculty of Engineering, University of Kragujevac, ISBN 978-86-86663-91-7, pp. 76-86, 2012, од стр. 76, до стр. 86
- *Proceedings of The First International Conference on DAMAGE MECHANICS - ICDM 1, Belgrade, June 25-27, 2012; (M33)*, 2012, European Council of Engineers Chambers, 1, ISBN 978-86-86115-09-6 (SCE) ISBN 978-86-7518-153-8 (FCE), Srbija, од: 26.06.2012, до: 27.06.2012, <http://www.icdm.rs/icdm/?id=pocetna>  
1. Наташа Тришовић, Т. Maneski, \*\*\*, D. Ignjatović\*\*\*, Наташа Тришовић, "Damage and Recovery of ARS 1400 Conveyer's Lower Construction Support in a Surface Mine" (with: T. Maneski, and D. Ignjatović), Proceedings of The First International Conference on DAMAGE MECHANICS - ICDM 1, Belgrade, June 25-27, 2012; Proceedings of International Conference on Damage Mechanics ICDM1

June 25-27, 2012, Belgrade, Serbia. pp. 217-220 ISBN 978-86-86115-09-6 (SCE) ISBN 978-86-7518-153-8 (FCE) <http://www.icdm.rs/icdm/?id=pocetna> The International Conference on Damage Mechanics (ICDM) in Belgrade, Serbia, during June 25-27, 2012. <http://www.icdm.rs/icdm/?id=pocetna> European Council of Engineers Chambers, од стр. 217, до стр. 220

- *Vibration Problems ICOVP 2011, the 10th International Conference on Vibration Problems, Prague, September 5-8, 2011, Proceedings (M33)*, 2011, Technical University of Liberec, ISBN 978-80-7372-759-8, Češka
  1. Наташа Тришовић, Maneski T., \*\*\*, Milosevic-Mitic V., \*\*\*, Jovancic P., \*\*\*, Lazovic T.\*\*\*, Diagnostics of state and behaviour of drive groups on conveyor systems, од стр. 137, до стр. 142
  2. Наташа Тришовић, Veljko Vujičić\*\*\*, The invariance of oscillatory systems, од стр. 268, до стр. 273
- *Proceedings of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011, pp. 816-823. ISBN 978-86-909973-3-6* <http://www.ssm.org.rs/> (M33), 2011, Serbian Societz of Mechanics , 2Sr )28 ZU=, ISBN 978-86-909973-3-6, Srbija , <http://www.ssm.org.rs/>
  1. Томислав Петровић, Ljubica Milović,\*\*\*, Tatjana Lazović\*\*\*, Nataša Trišović, Ljubica Milović, Tatjana Lazović ,REANALYSIS FOR STRUCTURAL DYNAMIC MODIFICATIONS, Proceedings of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011, pp. 816-823, ISBN 978-86-909973-3-6 <http://www.ssm.org.rs/> , од стр. 816, до стр. 823
- *XI Intenational Conference on Systems, Automatic Control and Measurements, SAUM 2012, (M33)*, 2012, XI, ISBN 978-86-6125-072-9.
  1. Милош Јовановић, Živković Dragan, \*\*\*, Nikodijević Jelena\*\*\*, 6. Jovanović Miloš, Živković Dragan, Nikodijević Jelena „Rayleigh-Bénard Convection Instability with spatial modulation on both plates“, XI Intenational Conference on Systems, Automatic Control and Measurements, SAUM 2012, Proceedings p.322-325, Univesity of Nis, Faculty of Electronic Engineering, November 14-16, 2012, Nis, Serbia, ISBN 978-86-6125-072-9, (M33), од стр. 322, до стр. 325
  2. Милош Јовановић, Nikodijević Jelena \*\*\*, 5. Jovanović Miloš, Nikodijević Jelena „Rayleigh-Bénard convection in an inclined fluid layer with spatial temperature modulation”, XI Intenational Conference on Systems, Automatic Control and Measurements, SAUM 2012, Proceedings p.318-321, Univesity of Nis, Faculty of Electronic Engineering, November 14-16, 2012, Nis, Serbia, ISBN 978-86-6125-072-9, од стр. 318, до стр. 321
- *III International Symposium “Contemporary Problems in Fluid Mechanics”, May 12-13th, 2011, University of Belgrade, Faculty of Mechanical Engineering, Serbia. The book of abstracts, p.28., Proceedings CD, p.59-71. ISBN-978-8670-837263. (M33).* (M33), 2011, , ISBN-978-8670-837263, Srbija
  1. Милош Јовановић, Nikodijević Jelena\*\*\*, 10. Jovanović Miloš, Nikodijević Jelena „Direct Numerical Simulation of two-dimensional perturbed Couette-Poiseuille flow”, III International Symposium “Contemporary Problems in Fluid Mechanics”, May 12-13th, 2011, University of Belgrade, Faculty of Mechanical Engineering, Serbia. The book of abstracts, p.28., Proceedings CD, p.59-71, ISBN-978-8670-837263. (M33)., од стр. 28, до стр. 28
- *15th Symposium on Thermal Science and Engineering of Serbia, SIMTERM 2011, Sokobanja, Serbia, October 18-21, 2011, Book of abstracts, p.62, Proceedings CD, p.470-478. ISBN 978-86-6055-020-2. (M33) (M33)*, 2011, 15, ISBN 978-86-6055-020-2., Srbija
  1. Милош Јовановић, Nikodijević Jelena\*\*\*, 11. Jovanović Miloš, Nikodijević Jelena, “Thermal instability in perturbed Poiseuille flow in presence of time varying temperature difference between the walls”, 15th Symposium on Thermal Science and Engineering of Serbia, SIMTERM 2011, Sokobanja, Serbia, October 18-21, 2011, Book of abstracts, p.62, Proceedings CD, p.470-478, ISBN 978-86-6055-020-2. (M33), од стр. 62, до стр. 62
- *4th Serbian-Greek Symposium “Recent Advances in Mechanics”, Short Communications, Vlasina Lake, Serbia, 9-10th July 2011, p.79-80. ISBN 978-86-909973-1-2. (M33) (M33)*, 2011, ISBN 978-86-909973-1-2. , Srbija
  1. Милош Јовановић, Dragiša Nikodijević\*\*\*, 12. Dragiša Nikodijević, Miloš Jovanović, “The strain rate evolution in perturbed Couette-Poiseuille flow”, 4th Serbian-Greek Symposium “Recent Advances in Mechanics”, Short Communications, Vlasina Lake, Serbia, 9-10th July 2011, p.79-80. ISBN 978-86-909973-1-2. (M33), од стр. 79, до стр. 80
- *Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics, Vlasina Lake, Serbia, 5-8 July 2011, Proceedings, (M33)*, 2011, Serbian Society of Mechanics, ISBN 978-86-909973-3-6, Serbia
  1. Милош Јовановић, Nikodijević Jelena \*\*\*, Jovanović Miloš, Nikodijević Jelena „Numerical simulation of perturbed Poiseuille-Couette flow“, Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics, Vlasina Lake, Serbia, 5-8 July 2011, Proceedings, pp.275-289, B-07, ISBN 978-86-909973-3-6, (M33), од стр. 275, до стр. 289
- *3rd IEEE International Symposium on Exploitation of Renewable Energy Sources (M33)*, 2011, IEEE, 978-1-4577-0095-8, Serbia, од: 11.03.2011, до: 12.03.2011
  1. Илија Николић, М.Bojić\*\*\*, G. Jovanović\*\*\*, V. Marjanović\*\*\*, S. Jovanović\*\*\*, I. Nikolić\*\*\*, Z. Djordjević\*\*\*, Impact of Large-Scale Implementation of Photovoltaic Devices to CO2 Emissions, од стр. 853, до стр. 859
- *6th International Quality Conference (M33)*, 2012, Faculty of Engineering, University of Kragujevac, 978-86-86663-82-5, Serbia, од: 07.06.2012, до: 09.06.2012
  1. Илија Николић, V. Ranković\*\*\*, М. Bojić\*\*\*, D. Cvetković\*\*\*, М. Miletić\*\*\*, Forecasting energy consumption in residential house during heating period using feedforward neural networks, од стр. 853, до стр. 859
- *43rd International Congress & Exhibition on Heating, Refrigeration and Air Conditioning (M33)*, 2012, Savez mašinskih i elektrotehničkih inženjera i tehničara Srbije SMEITS, i Društvo za grejanje, hlađenje i klimatizaciju (KGH), Beograd, 978-86-81505-64-9, Serbia, од: 05.12.2012, до: 07.12.2012

1. Prediction of energy consumption in residential house using neuro fuzzy system, од стр. 193, до стр. 200

• *The International Conference on Damage Mechanics (ICDM) in Belgrade, Serbia, during June 25-27, 2012* <http://www.icdm.rs/icdm/?id=pocetna> (M33), 2012, European Council of Engineers Chambers, 1, ISBN 978-86-86115-09-6 (SCE) ISBN 978-86-7518-153-8 (FCE), Srbija, од: 25.06.2012, до: 27.06.2012, <http://www.icdm.rs/icdm/?id=pocetna>

1. Катица Хедрих-Стевановић, Hedrih (Stevanović K., (2012), Models of dynamical dislocation in continuum, Proceedings of First International Conference on Damage Mechanics – ICDM 1, Edited by Chi L. Chow, J. Woody and D. Sumarac, Belgrade, Serbia, 25 – 27 June 2012, pp. 141-144. ISBN 978-86-86115-09-6 (SCE) ISBN 978-86-7518-153-8 (FCE) [tp://www.icdm.rs/icdm/?id=pocetna](http://www.icdm.rs/icdm/?id=pocetna), од стр. 141, до стр. 144

• *Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics, Vlasina lake, Serbia, 5-8 July 2011 Минисимпозијум Nonlinear dynamics - Milutin Milanković* [http://www.ssm.org.rs/Congress2011/docs/Accepted\\_abstracts.htm](http://www.ssm.org.rs/Congress2011/docs/Accepted_abstracts.htm) .The Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics, Vlasina lake, Serbia, 5-8 July 2011. M2-07, pp. 313. ISBN 978-86-909973-2-9. COBIS.SR – ID 184663052. (M33), 2011, Srpsko Društvo za mehaniku, 3Sr (28Y)(, ISBN 978-86-909973-3-9., Srbija, од: 05.07.2011, до: 08.07.2011, [http://www.ssm.org.rs/Congress2011/docs/Accepted\\_abstracts.htm](http://www.ssm.org.rs/Congress2011/docs/Accepted_abstracts.htm), <http://www.ssm.org.rs/>

1. Катица Хедрих-Стевановић, Љиљана Вељовић, Katica R. (Stevanović) Hedrih and Ljiljana Veljović, (2011), ANALYSIS OF THE VECTOR ROTATORS OF A RIGID BODY NONLINEAR DYNAMICS ABOUT TWO AXES WITHOUT SECTION, Proceedings of Abstracts IconSSm 2011, The Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics, Vlasina lake, Serbia, 5-8 July 2011. M2-09, pp. 315. ISBN 978-86-909973-2-9. COBIS.SR – ID 184663052. <http://www.ssm.org.rs/> Proceedings of Abstracts of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011, pp. 315. ISBN 978-86-909973-3-9. (M32) [http://www.ssm.org.rs/Congress2011/docs/Accepted\\_abstracts.htm](http://www.ssm.org.rs/Congress2011/docs/Accepted_abstracts.htm), <http://www.ssm.org.rs/>, од стр. 315, до стр. 315

2. Анђелка Хедрих, Катица Хедрих-Стевановић, Andjelka N. Hedrih and Katica R. (Stevanović) Hedrih, (2011), CONSIDERING FORCED VIBRATIONS OF THE DOUBLE DNA HELIX MAIN CHAINS VIA TWO MODELS WITH ELASTIC AND FRACTIONAL ORDER PROPERTIES, Proceedings of Abstracts IconSSm 2011, The Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics, Vlasina lake, Serbia, 5-8 July 2011. M2-05, pp. 311. . ISBN 978-86-909973-2-9. COBIS.SR – ID 184663052. Proceedings of Abstracts of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011, pp. 311. ISBN 978-86-909973-3-9. (M32) [http://www.ssm.org.rs/Congress2011/docs/Accepted\\_abstracts.htm](http://www.ssm.org.rs/Congress2011/docs/Accepted_abstracts.htm), од стр. 311, до стр. 311

3. Катица Хедрих-Стевановић, Katica R. (Stevanović) Hedrih, (2011), METHOD OF ASYNCHRONIZATION/ SYNCHRONIZATION BZED ON THE COUPLING OF ORTHOGONAL ASYNCHRONIC OSCILLATIONS, Proceedings of Abstracts IconSSm 2011, The Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics, Vlasina lake, Serbia, 5-8 July 2011. M2-08, pp. 314. ISBN 978-86-909973-2-9. COBIS.SR – ID 184663052. Proceedings of Abstracts of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011, pp. 314. ISBN 978-86-909973-3-9. (M32) [http://www.ssm.org.rs/Congress2011/docs/Accepted\\_abstracts.htm](http://www.ssm.org.rs/Congress2011/docs/Accepted_abstracts.htm), од стр. 314, до стр. 314

4. Катица Хедрих-Стевановић, Katica R. (Stevanović) Hedrih, (2011), TANGENT SPACES OF POSITION VECTORS AND ANGULAR VELOCITIES OF THEIR BASIC VECTORS IN DIFFERENT COORDINATE SYSTEMS, Proceedings of Abstracts IconSSm 2011, The Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics, Vlasina lake, Serbia, 5-8 July 2011. M2-07, pp. 313. ISBN 978-86-909973-2-9. COBIS.SR – ID 184663052. Proceedings of Abstracts of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011, pp. 313. ISBN 978-86-909973-3-9. (M32) [http://www.ssm.org.rs/Congress2011/docs/Accepted\\_abstracts.htm](http://www.ssm.org.rs/Congress2011/docs/Accepted_abstracts.htm), од стр. 313, до стр. 313

5. Катица Хедрих-Стевановић, Katica R. (Stevanović) Hedrih is member of scientific committee of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011, ISBN 978-86-909973-3-9. (M32) [http://www.ssm.org.rs/Congress2011/docs/Accepted\\_abstracts.htm](http://www.ssm.org.rs/Congress2011/docs/Accepted_abstracts.htm), <http://www.ssm.org.rs/>, од стр. WEB, до стр. WEB

6. Катица Хедрих-Стевановић, Katica R. (Stevanović) Hedrih is organized of Minisymposium Nonlinear dynamics - Milutin Milanković of Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics Vlasina lake, Serbia, 5-8 July 2011, ISBN 978-86-909973-3-9. (M32) [http://www.ssm.org.rs/Congress2011/docs/Accepted\\_abstracts.htm](http://www.ssm.org.rs/Congress2011/docs/Accepted_abstracts.htm), <http://www.ssm.org.rs/>, од стр. WEB, до стр. WEB

• *Postconference PROCEEDINGS, IConSSM 2011, The 3rd International Congress of Serbian Society of Mechanics, Vlasina lake (Serbia), 5-8 July 2011, Editors Stevan Maksimović and Tomislav Igić, Published by Serbian Society of Mechanics, Belgrade, pp. M2-06: ISBN 978-86-909973-3-6, COBISS:SR-ID 187662860, <http://www.ssm.org.rs/> (M33), 2011, Srpsko društvo za mehaniku, ISBN 978-86-909973-3-6, COBISS:SR-ID 187662860, Srbija, <http://www.ssm.org.rs/>*

1. Катица Хедрих-Стевановић, Љиљана Вељовић, Katica R. (Stevanović) Hedrih and Ljiljana Veljović, (2011), ANALYSIS OF THE VECTOR ROTATORS OF A RIGID BODY NONLINEAR DYNAMICS ABOUT TWO AXES WITHOUT SECTION, Postconference PROCEEDINGS, IConSSM 2011, The 3rd International Congress of Serbian Society of Mechanics, Vlasina lake (Serbia), 5-8 July 2011, Editors Stevan Maksimović and Tomislav Igić, Published by Serbian Society of Mechanics, Belgrade, pp. M2-09:1194- 1201. ISBN 978-86-909973-3-6, COBISS:SR-ID 187662860, <http://www.ssm.org.rs/>, од стр. 1194-, до стр. 1201, DOI: M2-09:1194- 1201

2. Анђелка Хедрих, Катица Хедрих-Стевановић, Andjelka N. Hedrih and Katica R. (Stevanović) Hedrih, (2011), CONSIDERING FORCED VIBRATIONS OF THE DOUBLE DNA HELIX MAIN CHAINS VIA TWO MODELS WITH ELASTIC AND FRACTIONAL ORDER PROPERTIES, Postconference PROCEEDINGS, IConSSM 2011, The 3rd International Congress of Serbian Society of Mechanics, Vlasina lake (Serbia), 5-8 July 2011, Editors Stevan Maksimović and Tomislav Igić, Published by Serbian Society of Mechanics, Belgrade, pp. M2-06: 1147-1189. ISBN 978-86-909973-3-6, COBISS:SR-ID 187662860, <http://www.ssm.org.rs/>, од стр. 1147, до стр. 1189, DOI: M2-06: 1147-1189

3. Катица Хедрих-Стевановић, Katica R. (Stevanović) Hedrih, (2011), TANGENT SPACES OF POSITION VECTORS AND ANGULAR VELOCITIES OF THEIR BASIC VECTORS IN DIFFERENT COORDINATE SYSTEMS, Postconference PROCEEDINGS, IConSSM 2011, The 3rd International Congress of Serbian Society of Mechanics, Vlasina lake (Serbia), 5-8 July 2011, Editors Stevan Maksimović and Tomislav Igić, Published by Serbian Society of Mechanics, Belgrade, pp. M2-07: 1181-1193. ISBN 978-86-909973-3-6, COBISS:SR-ID 187662860, <http://www.ssm.org.rs/>, од стр. 1181, до стр. 1193, DOI: M2-07: 1181-1193



- *The 7th European Nonlinear Dynamics Conference (ENOC 2011) (July 24-29, 2010) at the Sapienza University of Rome, Italy.* <http://w3.uniroma1.it/dsg/enoc2011/> (M33), 2011, EuroMech Societ, 7, . ISBN 978-88-906234-0-0, plus CD Proceedings ISBN 978-88-906234-2-4, Italija, од: 24.07.2011, до: 30.07.2011, <http://w3.uniroma1.it/dsg/enoc2011/>  
1. Катица Хедрих-Стевановић, Љиљана Вељовић, Katica R. (Stevanović) Hedrih, Ljiljana Veljović, (2011), Vector method of kinetic parameter analysis of a rigid body rotation/oscillations around two axes without section. MS -09 Nonlinear Dynamics of Structures and Machines, (invited lecture by Organizers: M.P. Cartmell (UK), Y.V. Mikhlin (Ukraine), K.V. Avramov (Ukraine), ENOC Rome 2011, Booklet of Abstracts, ENOC 7th European nonlinear dynamics conference, July, 24-29, 2011, La Sapienza Rome, Edited by by D. Bernndini, G. Rega and F. Romeo, pp. 68. ISBN 978-88-906234-0-0, plus CD ENOC Proceedings ISBN 978-88-906234-2-4. . <http://w3.uniroma1.it/dsg/enoc2011/>, од стр. 68, до стр. 68 plus 2 str na CD , DOI: CD  
2. Катица Хедрих-Стевановић, Katica R. (Stevanović) Hedrih, (2011), Advances in development of the analytical mechanics of fractional order discrete system vibrations, MS-06 Fractional Derivatives, (invited lecture by Organizers: O.P. Agrawal (USA), A.K. Belyaev (Russia), J.A. Tenreiro Machado (Portugal)), ENOC Rome 2011, Booklet of Abstracts, ENOC 7th European nonlinear dynamics conference, July, 24-29, 2011, La Sapienza Rome, Edited by by D. Bernndini, G. Rega and F. Romeo, pp. 41. ISBN 978-88-906234-0-0, plus CD Proceedings ISBN 978-88-906234-2-4. <http://w3.uniroma1.it/dsg/enoc2011/>, од стр. 41, до стр. 41 plus 2 str na CD, DOI: CD

### M34.

- *Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eigth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 157-158.* <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf) (M34), 2012, Serbian Scientific Society, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1, Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>  
1. Драгомир Зековић, Dragomir N. Zeković, Differential equations of motions for mechanical systems with nonlinear nonholonomic constraints – various forms and their equivalence, Saopšteno na simpozijumu “Symposium Nonlinear Dynamics – Milutin Milanković” Belgrade, October 1-5 2012. str. 58-59. Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eigth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 157-158. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf), од стр. 157, до стр. 158
- *Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eigth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 157-159.* <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf) (M34), 2012, Serbian Scientific Society, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1, Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>  
1. Љиљана Вељовић, Lj. Veljović, ANALYSIS OF A RIGID BODY ROTATION AROUND TWO NO INTERSECTING AXES – VECTOR METHOD AND PARAMETER ANALYSIS OF PHASE TRAJECTORIES, Symposium Nonlinear Dynamics – Milutin Milanković (Multidisciplinary and Interdisciplinary Applications), (SNDMIA 2012), Belgrade, October 1-5, 2012., Serbian Scientific Society. Project ON174001 coordinated trough MATHEMATICAL INSTITUTE SANU ISBN 978-86-7746-344-1 COBISS.SR – ID 193221132 pp. 157-159, 2012 Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eigth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 157-159.. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf) , од стр. 157, до стр. 159, DOI: <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>
- *M. Cajić, D. Karličić, Nonlinear Free Vibrations of an Elastically Connected Circular Double-Membrane System, 8th Serbian Symposium in Non-linear Sciences, October 1-5, 2012, Belgrade, Serbia. Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eigth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 57-58.* <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> |||||r|||||n ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: |||||r|||||n (M34), 2012, Naučno društvo Srbije - Odeljenje prirodno-matematičkih nauka , 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: , од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>  
1. Данило Карличић, Милан Џајић, М. Cajić, D. Karličić, Nonlinear Free Vibrations of an Elastically Connected Circular Double-Membrane System, 8th Serbian Symposium in Non-linear Sciences, October 1-5, 2012, Belgrade, Serbia. Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eigth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 57-58. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: , од стр. 57, до стр. 58
- *D. Karličić, M. Cajić, Nonlinear Forced Vibrations of an Elastically Connected Circular Double-Membrane System. 8th Serbian Symposium in Non-linear Sciences, October 1-5, 2012, Belgrade, Serbia. Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eigth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 59-60.* <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: (M34), 2012, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: , <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>

1. Данило Карличић, Милан Цајић, D. Karličić, M. Cajić, Nonlinear Forced Vibrations of an Elastically Connected Circular Double-Membrane System. 8th Serbian Symposium in Non-linear Sciences, October 1-5, 2012, Belgrade, Serbia. Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 59-60. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1; од стр. 59, до стр. 60
- *Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1 (M34), 2012, Serbian Scientific Society, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1, Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>*
  - 1. Јулијана Симоновић, 6. Simonović. J., (2012), System of Double Thin Plates connected with layer of rolling visco-elastic nonlinear properties, Symposium Nonlinear Dynamics – Milutin Milanković Multidisciplinary and Interdisciplinary Applications (SNDMIA 2012), Belgrade, October 1-5, 2012., Booklet of Abstracts, pp. 141-143. Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> <http://afrodita.rcub.bg.ac.rs/~nds/209-Booklet%20of%20Abstracts%20%20Nonlinear%20Dynamics%20PR%20ON144002.pdf> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1, од стр. 141, до стр. 143
  - *Proceedings of the First ECCOMAS Young Investigators Conference on Computational Methods in Applied Sciences in conjunction with the ECCOMAS 2nd PhD Olympiad held in Aveiro, Portugal, 24-27 April 2012 (M34), 2011, <http://yic2012.web.u>, PORTugal, од: 24.04.2012, до: 27.04.2012*
  - 1. Јулијана Симоновић, 4. Simonović. J., (2012), Numerical analyses of non-linear dynamics in double plates systems with rolling visco-elastic coupling, Proceedings of the First ECCOMAS Young Investigators Conference on Computational Methods in Applied Sciences in conjunction with the ECCOMAS 2nd PhD Olympiad held in Aveiro, Portugal, 24-27 April 2012, pp. 104. [http://yic2012.web.ua.pt/Programme\\_files/YIC2012-FinalProgramme.pdf](http://yic2012.web.ua.pt/Programme_files/YIC2012-FinalProgramme.pdf), од стр. 104, до стр. 104
  - *The 7th European Nonlinear Dynamics Conference (ENOC 2011) (July 24-29, 2010) at the Sapienza University of Rome, Italy. <http://w3.uniroma1.it/dsg/enoc2011/> (M34), 2011, EuroMech Societz and University La SapienYa - Roma, 7, од: 24.07.2011, до: 29.07.2011, <http://w3.uniroma1.it/dsg/enoc2011/>*
  - 1. Јулијана Симоновић, 5. Simonović. J., Synchronization at Hybrid Systems with Static and Dynamic Coupling, on CD Proceedings, European Nonlinear Oscillations Conference (ENOC) 2011, 24-29 July 2011, Rome, Italy The 7th European Nonlinear Dynamics Conference (ENOC 2011) (July 24-29, 2010) at the Sapienza University of Rome, Italy. <http://w3.uniroma1.it/dsg/enoc2011/>, од стр. 1, до стр. 2, DOI: CD- Two pages paper
  - *Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. (M34), 2012, Serbian Scientific Society, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1; Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>*
  - 1. Катина Хедрих-Стевановић, Марија Стаменковић, Никола Нешић, М. Stamenković, N. Nešić, Hybrid system dynamics on layer with nonlinear elastic and inertia properties, Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications (SNDMIA 2012), Belgrade, October 1-5, 2012. Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 139-140. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1; од стр. 139, до стр. 140
  - *Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. (M34), 2012, Serbian Scientific Society, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1; Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>*
  - 1. Марија Стаменковић, Марија Микић, Марија Stamenković, Marija Mikić, Three-parametric testing of singularity and position of non-linear dynamics relative balance of heavy material particle on eccentrically rotating smooth circle line, Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications (SNDMIA 2012), Belgrade, October 1-5, 2012. Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 152-153. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1; од стр. 152, до стр. 153
  - *8th European Solid Mechanics Conference in Graz, Austria during July 9 - 13, 2012. ESMC Graz 2012, 9-13 July, 2012. (M34), 2012, EuroMech Societz and University of Gray, 8, Austrija, од: 09.07.2012, до: 13.07.2012, <http://www.esmc2012.tugraz.at/>*
  - 1. Никола Нешић, N.Nesic, Nonlinear Oscillations of a Membrane on the Elastic Foundation, Proceedings of Abstracts, European Solid Mechanics Conference ESMC, July 9-13, 2012., Graz, Austria 8th European Solid Mechanics Conference in Graz, Austria during July 9 - 13, 2012. ESMC Graz 2012, 9-13 July, 2012. <http://www.esmc2012.tugraz.at/>, од стр. 1, до стр. 2, DOI: CD
  - *Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society.*

- Str. 143-144. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: (M34), 2012, Serbian Scientific Society, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1, Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>*
1. Никола Нешић, N.Nesic, Forced oscillations of a membrane on nonlinear elastic foundation, Symposium Nonlinear Dynamics, Multidisciplinary and Interdisciplinary Applications (SNDMIA 2012), October 1-5, 2012, Belgrade, Serbia. Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 143-144. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: , од стр. 143, до стр. 144
- *<http://w3.uniroma1.it/dsg/enoc2011/> (M34), 2011, EuroMech Societz and University La SapienYa - Roma , 7, Italija, од: 24.07.2011, до: 29.07.2011, <http://w3.uniroma1.it/dsg/enoc2011/>*
1. Анђелка Хедрих, Andjelka Hedrih. Modeling oscillations of zona pelucida before and after fertilization EUROMECH Newsletter, Young Scientist Prize Paper. ENOC 2011 Young Scientist Prize, awarded at the 7th European Nonlinear Dynamics Conference held in Rome, Italy, July, 2011. <http://www.euromech.org/prizes/presentations> <http://www.euromech.org/about> <http://www.mi.sanu.ac.rs/projects/NL40-Euromech.pdf> , од стр. 6, до стр. 14
- *<http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: , од стр. 62-63.. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf) , од стр. 62, до стр. 63*
1. Анђелка Хедрих, Маринко Угрчић, 3. Hedrih, M. Ugrčić. The use of finite elements method in vibrational properties characterization of mouse embryo. Invited Lwecture, Symposium Non-linear Dynamics with Multi and Interdisciplinary Applications (SNDMIA 2012), Belgrade, October 1-5 th 2012 (Eight Serbian Symposium in area of Non-linear Sciences) .Belgrade, Serbia. Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 62-63.. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf) , од стр. 62, до стр. 63
- *<http://conf.uni-ruse.bg/bg/?cmd=dPage&pid=proc11-8.1> 2011, 8.1, 50, . ISSN 1311-3321, Bugaeska, од: 28.10.2011, до: 29.10.2011, <http://conf.uni-ruse.bg/bg/?cmd=dPage&pid=proc11-8.1>*
1. Анђелка Хедрих, Lj. Jovasevic\*\*\*, 5. Lj. Jovasevic, A. Hedrih The Organization of Recreational and Contest Activities for Disabled Persons. Proceedings of Annual conference of University of Russe, October 28-29 th, Ruse, Bulgaria, 2011, НАУЧНИ ТРУДОБЕ НА РУСЕНСКИЈА УНИВЕРСИТЕТ - 2011, том 50, серија 8.1 pp: 74-76. first on line: <http://conf.uni-ruse.bg/bg/?cmd=dPage&pid=proc11-8.1>. ISSN 1311-3321., од стр. 74, до стр. 76
- *<http://afrodita.rcub.bg.ac.rs/~nds/> 2012, Научно друштво Srbije, 978-86-7746-344-1, Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/>*
1. Драгутин Дебељковић, Небојша Димитријевић, Горан Симеуновић, Сретен Стојановић, D. Lj. Debeljkovic, S. B. Stojanovic, G. V. Simeunovic, N. J. Dimitrijevic, On stability of singular time delay systems over the finite time interval: classical and LMI approach, Booklet of Abstracts – Symposium Non-linear Dynamics with Multi and Interdisciplinary Applications (SNDMIA 2012), Belgrade, October 2012, pp. 95-96., од стр. 95, до стр. 96
- *<http://www.tmf.ukim.edu.mk/shtmcongress2012/> 2012, Makedonija, од: 05.09.2012, до: 09.09.2012, <http://www.tmf.ukim.edu.mk/shtmcongress2012/>*
1. Драгутин Дебељковић, Сретен Стојановић, Горан Николић\*\*\*, Sreten B. Stojanovic, Dragutin LJ. Debeljkovic, Goran Nikolic, Finite-Time Stability of Uncertain Singular Time Delay Systems, Book of Abstract - XXII Congress of Chemists and Technologists of Macedonia, Ohrid, September 5-9, 2012. PE-6., од стр. 5, до стр. 9
- *<http://afrodita.rcub.bg.ac.rs/~nds/209-Booklet%20of%20Abstracts%20%20Nonlinear%20Dynamics%20PR%20ON144002.pdf> 2012, Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/209-Booklet%20of%20Abstracts%20%20Nonlinear%20Dynamics%20PR%20ON144002.pdf>*
1. Љубинко Кевац, Мирјана Филиповић\*\*\*, Precise trajectory tracking of robotic mechanism., од стр. 1, до стр. 12
- *<http://afrodita.rcub.bg.ac.rs/~nds/209-Booklet%20of%20Abstracts%20%20Nonlinear%20Dynamics%20PR%20ON144002.pdf> 2012, Serbian Scientific Society, Serbia, ISBN: 978 - 86 - 7746 - 344 - 1, Србија, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/209-Booklet%20of%20Abstracts%20%20Nonlinear%20Dynamics%20PR%20ON144002.pdf>*
1. Ивана Атанасовска, Вукшић Поповић Марија\*\*\*, Dynamics of gear-pair systems with periodic varying mesh stiffness – spur gears vs helical gears, од стр. 103, до стр. 104
- *<http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf) <http://afrodita.rcub.bg.ac.rs/~nds/209-Booklet%20of%20Abstracts%20%20Nonlinear%20Dynamics%20PR%20ON144002.pdf>*

- [200f%20Abstracts%20%20Nonlinear%20Dynamics%20PR%20ON144002.pdf](http://afrodita.rcub.bg.ac.rs/~nds/indexe.html) (M34), 2012, Serbian Scientific Society, 9, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1, Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf), <http://afrodita.rcub.bg.ac.rs/~nds/209-Booklet%20of%20Abstracts%20%20Nonlinear%20Dynamics%20PR%20ON144002.pdf>
1. Срђан Јовић, Владимир Раичевић, Јовић S., Раичевић V., Vibro-impact system based on oscillator with two heavy mass particles along horizontal rough line, Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str155-156. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf), <http://afrodita.rcub.bg.ac.rs/~nds/209-Booklet%20of%20Abstracts%20%20Nonlinear%20Dynamics%20PR%20ON144002.pdf>, од стр. 153, до стр. 154
  2. Срђан Јовић, Владимир Раичевић, Јовић S., Раичевић V., The phase portrait of the vibro-impact system based on oscillator, with three heavy mass particles moving along a rough circle, Eighth Serbian Symposium in area of Non-linear Sciences, Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str153-154. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf) <http://afrodita.rcub.bg.ac.rs/~nds/209-Booklet%20of%20Abstracts%20%20Nonlinear%20Dynamics%20PR%20ON144002.pdf>, од стр. 155, до стр. 156, DOI: CD
  3. Срђан Јовић, Šarkoćeвић Ž., \*\*, Arsіć M., \*\*, Lazarević D., \*\*, Šarkoćeвић Ž., Arsіć M., Jović S., Lazarević D., METHODS OF RELIABILITY ASSESSMENT OF DAMAGED PIPELINE CORROSION, Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 176 . <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf) <http://afrodita.rcub.bg.ac.rs/~nds/209-Booklet%20of%20Abstracts%20%20Nonlinear%20Dynamics%20PR%20ON144002.pdf>, од стр. 176, до стр. 176
  4. Срђан Јовић, Čamagić I., \*\*, Burzić Z., \*\*, Vasić N., \*\*, Makragić S., \*\*, Živković P., \*\*, Čamagić I., Burzić Z., Vasić N., Jović S., Makragić S., Živković P., COMPATIBILITY OF ENDURANCE LIMIT AND FATIGUE CRACK GROWTH PARAMETERS IN BEHAVIOR OF WELDED JOINT OF LOW ALLOYED STEELS, Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 169 . <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf) <http://afrodita.rcub.bg.ac.rs/~nds/209-Booklet%20of%20Abstracts%20%20Nonlinear%20Dynamics%20PR%20ON144002.pdf> , од стр. 168, до стр. 169
- *7th European Nonlinear Dynamics Conference (ENOC 2011), Rome, Italy, 24-29 Jul, 2011 (M34)*, 2011, EuroMech Society and University La Sapienza Roma Italy , 7, Italija, од: 24.07.2011, до: 29.07.2011, <http://w3.uniroma1.it/dsg/enoc2011/programs.htm>
  - 1. Срђан Јовић, Владимир Раичевић, . Јовић S., Раичевић V., Vibro-impact system based on oscillator, with two heavy mass particles moving along a rough cicloid, 7th European Nonlinear Dynamics Conference (ENOC 2011), Rome, Italy, 24-29 Jul, 2011 Booklet of abstract pp.115. Категоризација: М33 [http link: http://w3.uniroma1.it/dsg/enoc2011/programs.htm](http://w3.uniroma1.it/dsg/enoc2011/programs.htm), од стр. 115, до стр. 114, DOI: CD
  - *Booklet of Abstracts of The 7th European Nonlinear Dynamics Conference (ENOC 2011) MS-13 Nonlinear Dynamics of Biological Systems in Regular Session. ENOC 2011, 24-29 July 2011, Rome, Italy, pp. 68. ISBN 978-88-906234-0-0. (M34)*, 2011, European Society of Mechanics and University La Sapienza Roma , 7, ISBN 978-88-906234-0-0., Italija, од: 24.07.2011, до: 29.07.2011, <http://w3.uniroma1.it/dsg/enoc2011/>
  - 1. Катига Хедрих-Стевановић, Љиљана Вељовић, 2. Hedrih (Stevanović) K., Veljović Lj.: Vector method of kinetic parameter analysis of a rigid body rotation/oscillations around two axes without section, ENOC 2011, 24-29 July 2011, Proceedings, ISBN 978-88-906234-0-0, p. 68, Rome, Italy Booklet of Abstracts of The 7th European Nonlinear Dynamics Conference (ENOC 2011) MS-13 Nonlinear Dynamics of Biological Systems in Regular Session. ENOC 2011, 24-29 July 2011, Rome, Italy, pp. 68. ISBN 978-88-906234-0-0. <http://w3.uniroma1.it/dsg/enoc2011/> The 7th European Nonlinear Dynamics Conference (ENOC 2011) (July 24-29, 2010) at the Sapienza University of Rome, Italy. <http://w3.uniroma1.it/dsg/enoc2011/> , од стр. 68, до стр. 68
  - *Proceedings of 10th International Symposium Ukrainian Mechanical Engineers in Lvov, Ukraine, National University, Lvov Polytechnic, pp. 73-73. ISBN 978-966-7595-08-2, 2011. (M34)*, 2011, Lviv Polytechnic National University, Bandery str., 12, Lviv, Ukraine, 10, ISBN 978-966-7595-08-2, Ujrajina, од: 25.05.2011, до: 27.05.2011, <http://www.tripadvisor.com/SmartDeals-g295377-Lviv-Hotel-Deals.html>
  - 1. Катига Хедрих-Стевановић, Љиљана Вељовић, 6. Hedrih (Stevanović) K., Veljović Lj.: Trigger of coupled singularities in phase portrait of a rigid body coupled rotations around axes without intersection, Contributed lectures, Proceedings of 10th International Symposium Ukrainian Mechanical Engineers in Lvov, Ukraine, National University, Lvov Polytechnic, Lvov 25-27 maja 2011, pp. 73-73, ISBN 978-966-7595-08-2, 2011. <http://www.tripadvisor.com/SmartDeals-g295377-Lviv-Hotel-Deals.html> Lviv Polytechnic National University, Bandery str., 12, Lviv, Ukraine, од стр. 73, до стр. 75
  - *Belgrade, Serbia. Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković. Multidisciplinary and Interdisciplinary Applications. (SNDMIA 2012). Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. CL9, ID 66, Str. 93-94* <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf) (M34), 2012, Serbian Scientific Society, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1, Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>
  - 1. Наташа Тришовић, Наташа Тришовић , \ "Reanalysis and sensitivity of dynamic characteristics\ ", Symposium Non-linear



Dynamics with Multi and Interdisciplinary Applications (SNDMIA 2012), Belgrade, October, 2012 Belgrade, Serbia. Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. CL9, ID 66, Str. 93-94 <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html> ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf) , од стр. 93, до стр. 94

- *Proceedings of 3rd European conference on Tribology – ECOTRIB'11 (M34)*, 2011, ISBN 978-3-901657-38-2, Regeneration of worn out universal joint – a dimensional analysis
  1. Наташа Тришовић, Markovic S., \*\*\* , Lazovic T.\*\*\* , Regeneration of worn out universal joint – a dimensional , од стр. 745, до стр. 746
- *Book of abstracts of 2nd International Conference on Material Modelling, ICMM2 (M34)*, 2011, MINES Paris Tech, ISBN 978-2-911256-61-5, France
  1. Наташа Тришовић, Milovic LJ.,\*\*\* , Lazovic T.,\*\*\* , Zorić, N\*\*\* , Trisovic N., Milovic LJ., Lazovic T., Zorić, N ., Modelling interaction between worn surface and abrasive particle based on their geometry and material properties, Book of abstracts of 2nd International Conference on Material Modelling, ICMM2. pp. 261, ISBN 978-2-911256-61-5, од стр. 261, до стр. 261
- *International Scientific Conference on Mechanics-Mech2012, Institute of Mechanics, Bulgarian Academy of Science, November 19-22, 2012, Book of Abstracts, p.26, ISBN 978-954-92737-4-8, <http://www.imbm.bas.bg>, (štampanje u celini se očekuje), (M34)*, 2012, ISBN 978-954-92737-4-8, Bugarska, <http://www.imbm.bas.bg>,
  1. Милош Јовановић, Vlastimir D. Nikolić,\*\*\* , Peđa M. Milosavljević\*\*\* , 7. Miloš M: Jovanović, Vlastimir D. Nikolić, Peđa M. Milosavljević, “Rayleigh-Benard convection in an inclined fluid layer with spatial temperature modulation on both plates”, International Scientific Conference on Mechanics-Mech2012, Institute of Mechanics, Bulgarian Academy of Science, November 19-22, 2012, Book of Abstracts, p.26, ISBN 978-954-92737-4-8, <http://www.imbm.bas.bg>, (štampanje u celini se očekuje), (M34), од стр. 26, до стр. 26
- *IRMES 2011, The 7th Intenational Conference Research and Development of Mechanical Elements and Systems. 27th & 28th of April, 2011, Zlatibor, Serbia, Proceedings, pp.151-156. ISBN-978-86-6055-012-7, (M33), (M34)*, 2011, 7, ISBN-978-86-6055-012-7, Srbija
  1. Милош Јовановић, Nikodijević Jelena\*\*\* , 9. Jovanović Miloš, Nikodijević Jelena, “Unsteady Couette-Poiseuille flow simulation with favourable and adverse pressure gradients”, IRMES 2011, The 7th Intenational Conference Research and Development of Mechanical Elements and Systems. 27th & 28th of April, 2011, Zlatibor, Serbia, Proceedings, pp.151-156. ISBN-978-86-6055-012-7, (M33)., од стр. 151, до стр. 156
- *23rd Czech and Slovak International Conference Editors: J. Bujnak, J. Vican (M34)*, 2012, University of Zilina, Slovakia, 978-80-89619-00-9, Slovakia, од: 26.09.2012, до: 28.09.2012
  1. Илија Николић, R. Nikolić\*\*\* , Krstić, B.\*\*\* , V. Lazić \*\*\* , I. Krstić\*\*\* , V. Krstić\*\*\* , Determination and Analysis of influence of the Hydrodynamic, Kinematic and Geometric Parameters of the Motor Vehicles Hydrodynamic Clutch Characteristics, од стр. 69, до стр. 69
  2. Илија Николић, Nikolić, D.\*\*\* , R. Nikolić\*\*\* , B. Krstić \*\*\* , V. Lazić\*\*\* , I. Krstić\*\*\* , Optimization of Technical Diagnostics Procedures for Hydroelectric Power Plants, од стр. 70, до стр. 70
- *Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eighth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf) (M34)*, 2011, Serbian Scientific Society, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: , Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>
  1. Катица Хедрих-Стевановић, Hedrih (Stevanović) K. SYMPOSIUMS ON NONLINEAR MECHANICS IN SERBIA, ICNO AND ENOC, Address to Participant of Symposium, Booklet of Abstracts of Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications (SNDMIA 2012), Belgrade, October 1-5, 2012. (Eighth Serbian Symposium in area of Non-linear Sciences), Editors: Katica R. (Stevanović) HEDRIH and Žarko Mijajlović, Serbian Scientific Society, 2012, pp. 172-178. (<http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>), од стр. 172, до стр. 178
  2. Катица Хедрих-Стевановић, Hedrih (Stevanović) K., (2012), STOCHASTIC PARAMETRICALLY EXCITED HEREDITARY SANDWICH MULTI BEAM DYNAMICAL SYSTEMS, Contributed Lecture, Booklet of Abstracts of Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications (SNDMIA 2012), Belgrade, October 1-5, 2012. (Eighth Serbian Symposium in area of Non-linear Sciences), Editors: Katica R. (Stevanović) HEDRIH and Žarko Mijajlović, Serbian Scientific Society, 2012, pp. 137-138.. (<http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>), од стр. 137, до стр. 158
- *83rd Annual Meeting of the International Association of Applied Mathematics and Mechanics, 83rd Annual Scientific Conference in Darmstadt, Germany, March 26-30, 2012. <http://www.gamm2012.tu-darmstadt.de/> (M34)*, 2012, GAMM , Technische Universität Darmstadt, 83, Немачка, од: 26.03.2012, до: 30.03.2012, <http://www.gamm2012.tu-darmstadt.de/>
  1. Катица Хедрих-Стевановић, Hedrih (Stevanović) K., Trigger of coupled singularities: Nonlinear dynamics of mechanical systems with coupled rotations about no intersecting axes or/and no ideal constraints, 83rd Annual Meeting of the International Association of Applied Mathematics and Mechanics, 83rd Annual Scientific Conference in Darmstadt, Germany, March 26-30, 2012., Book of Abstracts, pp. 124-125. Technische Universität Darmstadt, March 26 – 30, 2012., <http://www.gamm2012.tu-darmstadt.de/>, од стр. 124, до стр. 125

• *XVII Geometrical Seminar, Zlatibor September 3-8, 2012, p. 76. ISBN 978-86-7589-86-7 <http://poincare.matf.bg.ac.rs/%7Egeometricalseminar/> (M34), 2011*

1. Катица Хедрих-Стевановић, Hedrih (Stevanović) K., (2012), Angular velocities and accelerations of the basic vectors of a kinetic position vector tangent space in different curvilinear coordinate systems, 30 minutes lecture, Book of Abstracts of XVII Geometrical Seminar, Zlatibor September 3-8, 2012, p. 76. ISBN 978-86-7589-86-7 <http://poincare.matf.bg.ac.rs/%7Egeometricalseminar/>, од стр. 76, до стр. 76

### M36.

• *Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eigth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf) (M36), 2012, Serbian Scientific Society, 8, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: , Srbija, од: 01.10.2012, до: 05.10.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf)*

1. Катица Хедрих-Стевановић, First Editor in Chief of Booklet of Abstracts - Symposium Nonlinear Dynamics – Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Belgrade, October 1-5, 2012., (Eigth Serbian Symposium in area of Non-linear Sciences), Serbian Scientific Society. Str. 1-193. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, ISBN 978-86-7746-344-1, COBISS.SR – ID 193221132, Barcod 978-86-7746-344-1: [http://www.mi.sanu.ac.rs/projects/booklet\\_of\\_abstracts.pdf](http://www.mi.sanu.ac.rs/projects/booklet_of_abstracts.pdf), од стр. 1, до стр. 193, DOI: <http://afrodita.rcub.bg.ac.rs/~nds/>

### M41.

• *Kumulativna naučnotehnička informacija (M41), 2012, UDC: 623.46.519.87, 3, XLVIII, ISSN 1820-3418, ISBN 978-86-81123-53-9, <http://www.vti.mod.gov.rs>;*

1. Маринко Угрчић, Благојевић М.,\*\*\*, Вајић З.\*\*\*, 3. Угрчић М., Благојевић М., Вајић З.: "\\\"Теоријски аспекти и numeriчка симулација кумулативног ефекта\\\"\", Kumulativna COBISS.SR-ID 191970316 Link: <http://www.vti.mod.gov.rs>; naučnotehnička informacija, Vol. XLVIII, 3, VTI Beograd, 2012., 129 pages, (monograph publication), ISSN 1820-3418, ISBN 978-86-81123-53-9, UDC: 623.46.519.87, од стр. 1, до стр. 129

• *Monografija (M41), 2012, Vojnotehnički institut Beograd, 4, XLIV, ISSN 1820-3418*

1. Стеван Максимовић, Burzić Z.\*\*\*, Georgijević D.\*\*\*, Analiza čvrstoće strukture aviona sa aspekta zamora, од стр. 84, до стр. 84

### M42.

• *Dynamics of Continuous Linear Singular Control Systems (M42), 2012, Mašinski fakultet Univerziteta u Beogradu, 978 – 86 – 7083 – 744 – 7, <http://www.mas.bg.ac.rs/istrazivanje/biblioteka/publikacije/TransFME.html>*

1. Драгутин Дебелковић, Михаило Лазаревић\*\*\*, D. Lj. Debeljkovic, M. P. Lazarevic, Dynamics of Continuous Linear Singular Control Systems, Faculty of Mechanical Engineering, Belgrade, 2012 (in Serbian), pp. 446., од стр. 1, до стр. 446

• *Linear System Design: Pole Placement Methods Part IV (M42), 2012, Mašinski fakultet Univerziteta u Beogradu, 978 – 86 – 7083 – 743 – 0, <http://www.mas.bg.ac.rs/istrazivanje/biblioteka/publikacije/TransFME.html>*

1. Драгутин Дебелковић, Небојша Димитријевић, D. Lj. Debeljkovic, N. J. Dimitrijevic, Linear System Design: Pole Placement Methods Part IV, Mechanical Faculty Engineering, Belgrade, 2012, (in Serbian) pp. 438, од стр. 1, до стр. 438

• *Dynamics of Processes – Mathematical Model of Plants and Processes in Control Engineering, Part X (M42), 2012, Mašinski fakultet Univerziteta u Beogradu, 978 – 86 – 7083 – 742 – 3, <http://www.mas.bg.ac.rs/istrazivanje/biblioteka/publikacije/TransFME.html>*

1. Драгутин Дебелковић, Небојша Димитријевић, Горан Симеуновић, Д.З. Стевић\*\*\*, С.Н. Рибар\*\*\*, D. Lj. Debeljkovic, D. Z. Stevic, G. V. Simeunovic, N. J. Dimitrijevic, S. N. Ribar Dynamics of Processes – Mathematical Model of Plants and Processes in Control Engineering, Part X, Faculty of Mechanical Engineering, Belgrade, 2012 (in Serbian), pp. 446, од стр. 1, до стр. 446

### M43.

• *34th International Conference on Production Engineering, 28.'30. September 2011, Niš, Serbia, University of Niš, Faculty of Mechanical Engineering, Proceedings pp.305-308. ISBN:978-86-6055-019-6. (M33) (M43), 2011, ISBN:978-86-6055-019-6, 34, Univerzitet u Nisu*

1. Милош Јовановић, Milan Lazarević, \*\*\*, Dejan Lazarević, \*\*\*, Saša Randelović\*\*\*, 14. Milan Lazarević, Dejan Lazarević, Miloš Jovanović, Saša Randelović, „The Application of adaptive FEM method to stress and strain analysis of cold forging process“, 34th International Conference on Production Engineering, 28.'30. September 2011, Niš, Serbia, University of Niš, Faculty of Mechanical Engineering, Proceedings pp.305-308. ISBN:978-86-6055-019-6. (M33), од стр. 305, до стр. 305

• *Татомир П. Анђелић (1903-1993), Зборник радова Научног скупа посвећеног академику Татомиру П. Анђелићу, математичару, физичару, механичару и астроному, у оквиру Научно - културне манифестације Дани Андрије Б. К. Стојковића, Град Чачак и Технички факултет Чачак, 2011,стр., 7-76. ISBN 978-86-7776-136-3. (M43), 2011, Град Чачак и Технички факултет Чачак, ISBN 978-86-7776-136-3.*

1. Катица Хедрих-Стевановић, Хедрих (Стевановић) К, (2011), Татомир П. Анђелић (1903-1993), Зборник радова Научног скупа посвећеног академику Татомиру П. Анђелићу, математичару, физичару, механичару и астроному, у оквиру Научно - културне манифестације Дани Андрије Б. К. Стојковића, Град Чачак и Технички факултет Чачак, 2011,стр., 7-76. ISBN 978-86-7776-136-3., од стр. 7, до стр. 76

2. Катица Хедрих-Стевановић, Хедрих (Стевановић) К, (2011), Лична сећања на академика Татомира П. Анђелића, Зборник радова Научног скупа посвећеног академику Татомиру П. Анђелићу, математичару, физичару, механичару и астроному, у

окиру Научно - културне манифестације Дани Андрије Б. К. Стојковића, Град Чачак и Технички факултет Чачак, 2011,стр., 77-88. ISBN 978-86-7776-136-3. , од стр. 77, до стр. 88

#### **M45.**

• M. Sajić, *Parcijalne diferencijane jednačine u kontinuum teoriji krivolinijskih dislokacija. Zbornik radova sa simpozijuma Matematika i Primene, 27-28 maj 2011., Matematički fakultet Univerziteta u Beogradu i Zavod za izdavanje udžbenika u Beogradu, Beograd, 2012, str. 5-10 ISSN 978-86-7589-093-5 (M45)*, 2012, Matematički fakultet u Beogradu i Zavod za udzbenike u Beogradu, ISSN 978-86-7589-093-5

1. Милан Цајић, М. Сажјић, *Parcijalne diferencijane jednačine u kontinuum teoriji krivolinijskih dislokacija. Zbornik radova sa simpozijuma Matematika i Primene, 27-28 maj 2011., Matematički fakultet Univerziteta u Beogradu i Zavod za izdavanje udžbenika u Beogradu, Beograd., 2012, str. 5-10 ISSN 978-86-7589-093-5, од стр. 5, до стр. 10*

• Zbornik radova simpozijuma "Matematika I primene", Matematički fakultet Univerziteta u Beogradu, Izd. Zavod za udzbenike - Beograd, 2012, pp. 35-116. ISSN 978-86-7589-093-5 (M45), 2012, Matematički fakultet Univerziteta u Beogradu, Izd. Zavod za udzbenike - Beograd, ISSN 978-86-7589-093-5, <http://www.matf.bg.ac.rs/lat/skupovi-u-zemlji/>

1. Катига Хедрих-Стевановић, Nedrih (Stevanović) Katica, (2012), On mathematical methods in mechanics with applications – (МММА) or Mechanics between two fires: Mathematics and Engineering, Zbornik radova simpozijuma "Matematika I primene", Matematički fakultet Univerziteta u Beogradu, Izd. Zavod za udzbenike - Beograd, 2012, pp. 35-116. ISSN 978-86-7589-093-5, од стр. 35, до стр. 116

#### **M51.**

• Sci Tech Rev (M51), 2011, Sci Tech Rev, VTI Vojske Srbije, 3-4, 61, 1820-0206, <http://www.vti.mod.gov.rs/ntp/entp.htm>

1. Милан Цајић, М. Сажјић, An introduction to the theory of three dimensional curved dislocations. Scientific Technical Review 61 (3-4) (2011) p.76-88. ISSN 1820-0206, од стр. 76, до стр. 55

• Sci Tech Rev (M51), 2011, Sci Tech Rev, 2, 62, 1820-0206, <http://www.vti.mod.gov.rs/ntp/entp.htm>

1. Данило Карличић, D. Karličić, Free Transversal Vibrations of a Double-Membrane System, Scientific Technical Review, 2012, Vol.62, No.2, pp.55-61, <http://www.vti.mod.gov.rs/ntp/entp.htm>, ISSN 1820-0206, од стр. 55, до стр. 61

• Sci Tech Rev (M51), 2012, Sci Tech Rev, VTI Vojske Srbije, 3-4, 62, ISSN 1820-0206, <http://www.vti.mod.gov.rs/ntp/entp.htm>

1. Марија Стаменковић, Marija Stamenković, Nonlinear Differential Equations in Current Research of System Nonlinear Dynamics in the World, Scientific Technical Review, 2012, Vol.62, No.3-4, pp. 62-69., од стр. 62, до стр. 69

• Sci Tech Rev (M51), 2011, Sci Tech Rev, Vojnotehnički institut, 1, 61, 1820 0206, <http://www.vti.mod.gov.rs/ntp/index.htm>

1. Драгутин Дебелковић, Сретен Стојановић, Dragutin Debeljković, Sreten Stojanović, The Stability of Linear Discrete Time Delay Systems over a Finite Time Interval: An Overview, Scientific Technical Review, 2011, Vol.61, No.1, pp. 46-55., од стр. 46, до стр. 55, UDC: 651.511.2.013:517.938

• Sci Tech Rev (M51), 2011, Sci Tech Rev, Vojnotehnički institut, 2, 61, 1820 0206, <http://www.vti.mod.gov.rs/ntp/entp.htm>

1. Драгутин Дебелковић, Сретен Стојановић, Dragutin Debeljković, Sreten Stojanović, Tamara Nestorović, The Stability of Linear Continuous Singular and Discrete Descriptor Time Delayed Systems in the Sense of Lyapunov: An Overview, Scientific Technical Review, 2011, Vol.61, No.2, pp.24-34., од стр. 24, до стр. 34, UDC: 681.511.2.037:517.938

• Sci Tech Rev (M51), 2012, Sci Tech Rev, Vojnotehnički institut, 1, 62, 1820-0206, <http://www.vti.mod.gov.rs/ntp/rad2012/1-12/6/6.pdf>

1. Драгутин Дебелковић, Тамара Несторовић-Трајков, Сретен Стојановић, Dragutin Debeljković, Sreten Stojanović, Tamara Nestorović, The stability of linear continuous singular and discrete descriptor time delayed systems over the finite time interval: an overview - Part I continuous case, Scientific Technical Review, Vol.62, No.1, 2012, pp.38-47, од стр. 38, до стр. 47, UDC: 681.511.2.037:517.938

• Sci Tech Rev (M51), 2012, Sci Tech Rev, Vojnotehnički institut, 2, 62, 1820-0206, <http://www.vti.mod.gov.rs/ntp/rad2012/2-12/7/7.pdf>

1. Драгутин Дебелковић, Тамара Несторовић-Трајков, Сретен Стојановић, Dragutin Debeljković, Sreten Stojanović, Tamara Nestorović, The stability of linear continuous singular and discrete descriptor time delay systems over the finite time interval: an overview – Part II discrete case, Scientific Technical Review, 2012, Vol.62, No.2, pp.55-68., од стр. 55, до стр. 68, UDC: 681.511.2.037:517.938

• Sci Tech Rev (M51), 2011, Sci Tech Rev, VTI Vojske Srbije, 3-4, 60, ISSN 1820-0206, <http://www.vti.mod.gov.rs/ntp/index.htm>

1. Срђан Јовић, Владимир Раичевић, Jović S., Raičević V., Energy analysis of vibro-impact system dynamics based on a heavy mass particle free oscillations along curvilinear rough trajectories, Scientific Technical Review, Vol.60, No.3-4, 2010, pp.9-21. ISSN 1820-0206 Категоризација часописа: M52 (2011- M51) [http link: http://www.vti.mod.gov.rs/ntp/index.htm](http://www.vti.mod.gov.rs/ntp/index.htm), од стр. 8, до стр. 21

• Sci Tech Rev (M51), 2012, Sci Tech Rev, cTI Vojske Srbije, 3-4, 62, ISSN 1820-0206, <http://www.vti.mod.gov.rs/ntp/index.htm>

1. Маринко Угрчић, 1. Ugrčić M.: "Application of Hydrodynamic Theory and Finite Elements Method in the Bird Impact Analysis on a Flat Plate", Scientific Technical Review, Vol. 62, Num. 3-4, 2012., pp ??-??, (scientific paper), ISSN 1820-0206, (prohvaćen za štampu) <http://www.vti.mod.gov.rs/ntp/index.htm>, од стр. 2012, до стр. 2012

• Sci Tech Rev (M51), 2011, Sci Tech Rev, UDC: 355/359:62, 1, 61, ISSN 1820-0206, <http://www.vti.mod.gov.rs/ntp/rad2011/1-11/6/>

e6.htm

1. Маринко Угрчић, Blagojević M.\*\*\*, 6. Ugrčić M., Blagojević M., Initiation and Correction of the Detonation Wave in the Shaped Charge Peripheral Zone, Scientific Technical Review, Vol. 61, Num. 1, 2011., pp 17-24 (original scientific paper), ISSN 1820-0206, UDC: 355/359:62 <http://www.vti.mod.gov.rs/ntp/rad2011/1-11/6/e6.htm>, од стр. 17, до стр. 24

• *Scientific Technical Review (M51)*, 2012, VTI, 1, 62, ISSN 1820-0206

1. Катарина Максимовић, Posavljak S.\*\*\*, Janković M.\*\*\*, Damage of Turbojet Engine Disks in a Function of Cyclic Material Properties and the Type of Engine Start-Stop Cycle, од стр. 17, до стр. 23, UDC: 355/359:62

• *Scientific Technical Review (M51)*, 2011, Vojno tehnički institut Beograd, 2, 61, ISSN 1820-0206

1. Катарина Максимовић, Đurić M.\*\*\*, Janković M.\*\*\*, Fatigue Life Estimation of Damaged Structural Components Under Load Spectrum, од стр. 16, до стр. 23, UDC: 355/359:62

• *Scientific Technical Review (M51)*, 2011, Vojno tehnički institut Beograd, 1, 61, ISSN 1820-0206

1. Катарина Максимовић, Posavljak S.\*\*\*, Initial Fatigue Life Estimation in Aero Engine Discs, од стр. 25, до стр. 30, UDC: UDC: 355/359:62.

• *Integr i vek konstrukcija (M51)*, 2011, Integr i vek konstrukcija, Joint edition of the Society for structural integrity and life and the Institute for material testing., Belgrade, 2, 11, ISSN 1451-3749, <http://divk.inovacionicentar.rs/ivk/ivk11/ivk1102conts.html>

1. Ивана Атанасовска, Момчиловић Дејан\*\*\*, Хут Ненад\*\*\*, Миловић Љубица\*\*\*, Failure analysis of chain bracket\*, од стр. 123, до стр. 126, UDC: 621.867.3.016:539.4

• *Sci Tech Rev (M51)*, 2012, Sci Tech Rev, VTI Vojske Srbije, 1, 62, ISSN 1820-0206, <http://www.vti.mod.gov.rs/ntp/entp.htm>

1. Катица Хедрих-Стевановић, Nedrih (Stevanović K., (2012), Existence of trigger of coupled singularities in nonlinear dynamics of mechanical system with coupled rotations, Scientific Technical Review, 2012, Vol. 62, No.1, pp. 48-56. ISSN 1820-0206 <http://www.vti.mod.gov.rs/ntp/entp.htm>, од стр. 48, до стр. 56

• *Sci Tech Rev (M51)*, 2011, Sci Tech Rev, VTI Vojske Srbije, 3-4, 60 za 2010 godinu, ISSN 1820-0206, <http://www.vti.mod.gov.rs/ntp/entp.htm>

1. Катица Хедрих-Стевановић, Nedrih (Stevanović) K R., 2010, Kinetic Impulses - Impacts On Rotating Rigid Rotor Bearings, Scientific Technical Review, 2010, Vol.60, No.3-4, pp.54-66, UDK: 531.38:514.732.4,62-253, COSATI: 12-01, 20-11, 13-07. <http://www.vti.mod.gov.rs/ntp/entp.htm>, ISSN 1820-0206, од стр. 54, до стр. 66

## M52.

• *FU: Mech Aut Cont&Robot (M52)*, 2012, FU: Mech Aut Cont&Robot, Univerzitet u Nišu, 1, 11, 1820-6417, <http://facta.junis.ni.ac.rs/acar/acar201201/acar20120103.pdf>

1. Драгутин Дебелковић, Сретен Стојановић, Антић Драган С.\*\*\*, Sreten B. Stojanović, Dragutin Lj. Debeljković, Dragan S. Antić, Finite-time stability and stabilization of linear time-delay systems, Facta Universitatis, Series: Automatic Control and Robotics, Vol. 11, No 1, 2012, pp. 25-36., од стр. 25, до стр. 36, UDC: 681.511.2

• *Savremena tehnologija (M52)*, 2011, Savremena tehnologija, Tehnoski fakultet u Leskovcu, 20, 0352-6542, <http://scindeks.ceon.rs/article.aspx?query=ISSID%26and%269635&page=7&sort=8&stype=0&backurl=%2fissue.aspx%3fissue%3d9635>

1. Драгутин Дебелковић, Сретен Стојановић, Sreten Stojanović, Dragutin Debeljković, Stability analysis for linear discrete time-delay systems: Lyapunov – algebraic approach, Zbornik radova tehnološkog fakulteta u Leskovcu, 20 (2011), pp. 71-78., од стр. 71, до стр. 78

• *Savremena tehnologija (M52)*, 2011, Savremena tehnologija, Tehnoski fakultet u Leskovcu, 20, 0352-6542, <http://scindeks.ceon.rs/article.aspx?query=ISSID%26and%269635&page=8&sort=8&stype=0&backurl=%2fissue.aspx%3fissue%3d9635>

1. Драгутин Дебелковић, Сретен Стојановић, 23. Sreten Stojanović, Dragutin Debeljković, Further results on stability analysis for linear discrete time-delay systems: Lyapunov – algebraic approach Zbornik radova tehnološkog fakulteta u Leskovcu, 20 (2011), pp. 79-86., од стр. 79, до стр. 86

• *Journal of Serbian Society for Computation Mechanics (M52)*, 2012, Srpsko društvo za računsku mehaniku, 1, 6, ISSN 1820-6530

1. Стеван Максимовић, Computation methods in residual fatigue life estimations of structural components using strain energy density method, од стр. 74, до стр. 82, UDC: 620.178.3:519.67

• *FU: Mechan Engineering (M52)*, 2011, FU: Mechan Engineering, UNiversity of Nis, 1, 9, ISSN 0354-2025. (<http://facta.junis.ni.ac.rs/>)

1. Милош Јовановић, Dragica Milenković, \*\*\*, Jelena Nikodijević, \*\*\*, Marko Ristić, \*\*\*, Miloš Kocić,\*\*\*, 1. \* Dragica Milenković, Miloš Jovanović, Jelena Nikodijević, Marko Ristić, Miloš Kocić, „A study of subsonic compressible flow through the radial impeller of the compressor vane“, Facta Universitatis, Series: Mechanical Engineering, vol.9, No.1, 2011, pp.33-48., ISSN 0354-2025. (M51), од стр. 33, до стр. 48

• *Istorijska baština, Užice (M52)*, 2011, Istorijska baština, Užice, Istorijski arhiv Užica, Istorijska baština, 10

1. Катица Хедрих-Стевановић, Nedrih (Stevanović) R. Katica, (2010), Ceo život posvećen mehanici, inženjerstvu i matematici, Danilo P. Rašković(28 avgust 1910-29 januar 1985), Povodom 100 godina od rođenjajazaslužnog Užičanina, časopis Istorijskog arhiva Užica, Istorijska baština, 2010, br 10, str. 155-192., од стр. 155, до стр. 192



**M53.**

- *Tehnika (M53)*, 2012, Tehnika, Savez inženjera i tehničara Srbije, 3, 61, 0040-2176, <http://www.sits.rs/include/data/docs0358.pdf>  
1. Драгутин Дебелковић, Небојша Димитријевић, Горан Симеуновић, Среген Стојановић, 10. Dragutin Debeljković, Sreten Stojanović, Nebojša Dimitrijević, Goran Simeunović, Neljapunovska stabilnost sistema sa čistim vremenskim kašnjenjem: kriterijumi nezavisni i zavisi od iznosa čisto vremenskog kašnjenja, *Tehnika- Mašinstvo*, Vol. 61, No. 3, 2012, pp. 385-392., од стр. 385, до стр. 392
- *IJTTE International Journal for Traffic and Transport Engineering (M53)*, 2012, IJTTE International Journal for Traffic and Transport Engineering, Scientific Research Center Ltd., Belgrade, 2, 2, ISSN 2217-544X, [http://www.ijtte.com/uploads/2012-06-18/5ebd8640-1162-1795IJTTE%20vol%202%20no%202%20\(6\).pdf](http://www.ijtte.com/uploads/2012-06-18/5ebd8640-1162-1795IJTTE%20vol%202%20no%202%20(6).pdf)  
1. Ивана Атанасовска, Вукшић Поповић Марија\*\*\*, Старчевић Зорица\*\*\*, The dynamic behaviour of gears with high transmission ratio, од стр. 153, до стр. 160, UDC: 621.833.22
- *Machine Designnov (M53)*, 2012, Machine Designnov, Faculty of Technical Science Novi Sad, Serbia, 4, 4, ISSN 1821-1259, [http://www.mdesign.ftn.uns.ac.rs/list2012\\_4.php?aac=on](http://www.mdesign.ftn.uns.ac.rs/list2012_4.php?aac=on)  
1. Ивана Атанасовска, Митровић Радивоје\*\*\*, Момчиловић Дејан\*\*\*, A new methodology for prediction of high-cycle contact fatigue for spur gears, од стр. 189, до стр. 196
- *Machine Designnov (M53)*, 2012, Machine Designnov, Faculty of Technical Science Novi Sad, Serbia, 4, 4, ISSN 1821-1259, [http://www.mdesign.ftn.uns.ac.rs/list2012\\_4.php?aac=on](http://www.mdesign.ftn.uns.ac.rs/list2012_4.php?aac=on)  
1. Ивана Атанасовска, Момчиловић Дејан\*\*\*, Митровић Радивоје\*\*\*, Вухерер Томаж\*\*\*, Methodology of determination the influence of corrosion pit on decrease of hydro turbine shaft fatigue life\*, од стр. 231, до стр. 236
- *Traktori i pogonske mašine (M53)*, 2011, Traktori i pogonske mašine, 1, 16  
1. Владимир Раичевић, Krstić B., \*\*\*, Demić M., \*\*\*, Lazić V., \*\*\*, Todić T., \*\*\*, Krstic I., \*\*\*, Krstic V.:\*\*\*, Krstić B., Demić M., Lazić V., Raičević V., Todić T., Krstic I., Krstic V.: Determination of the optimal strategy for preventive maintenance the starters of applicable motor vehicles, *časopis „Traktori i pogonske mašine“*, Novi Sad, Volume 16, Number 1, pp.20-27., 2011., од стр. 20, до стр. 27  
2. Владимир Раичевић, Krstić I.,\*\*\*, Demić M., \*\*\*, Lazić V., \*\*\*, Krstic B., \*\*\*, Todić T., \*\*\*, Krstic V.: \*\*\*, Krstić I., Demić M., Raičević V., Lazić V., Krstic B., Todić T., Krstic V.: Posibility determination of the optimal preventive maintenance technical systems, *časopis „Traktori i pogonske mašine“*, Novi Sad, Volume 16, Number 2, pp.96-103., 2011., од стр. 96, до стр. 103  
3. Владимир Раичевић, Krstić V.,\*\*\*, Demić M., \*\*\*, Krstic B., \*\*\*, Lazić V., \*\*\*, Todić T., \*\*\*, Krstic I.: \*\*\*, Krstić V., Demić M., Krstic B., Raičević V., Lazić V., Todić T., Krstic I.: Evaluation of the effects of preventive measures on the reliability of technical systems, *časopis „Traktori i pogonske mašine“*, Novi Sad, Volume 16, Number 2, pp.88-95., 2011., од стр. 88, до стр. 95

**M61.**

- *Savetovanje: NAPREDNI MATERIJALI I NJIHOVE PRIMENE (M61)*, 2011, Narodna tehnika Požarevac, Društvo HTM Požarevac, ISBN 978-86-911159-2-0, Srbija, од: 21.12.2011, до: 21.12.2011  
1. Стеван Максимовић, Mirko MAKSIMOVIĆ\*\*\*, Ivana VASOVIĆ\*\*\*, SIMULACIJA PONAŠANJA I OTKAZA TANKOZIDNIH KONSTRUKCIJA OD VIŠESLOJNIH KOMPOZITNIH MATERIJALA, од стр. 21, до стр. 29

**M62.**

- *МАТЕМАТИЧКИ ИНСТИТУТ SANU, ODELJENJE ZA МЕХАНИКУ <http://www.mi.sanu.ac.rs/colloquiums/mechcoll.htm> Сединар механике Оудљена за механику (M62)*, 2011, Matematički institut SANU, 1158 Invited Lecture, Srbija, од: 07.06.2011, до: 09.06.2011, [http://www.mi.sanu.ac.rs/colloquiums/mechcoll\\_programs/mechcoll.jun2011.htm](http://www.mi.sanu.ac.rs/colloquiums/mechcoll_programs/mechcoll.jun2011.htm)  
1. Jose Manuel Balthazar, Sreda (Wednesday), 8 jun (June 8 ) 2011 u 18 sati (18h) Lecture No. 1158 Full Prof. Dr. José Manoel Balthazar, UNESP-UnivEstadualPaulista,Rio Claro, SP, Braz Lecture Title: On nonlinear ands Chaotic Dynamic interactions between Oscillators. (M62) [http://www.mi.sanu.ac.rs/colloquiums/mechcoll\\_programs/mechcoll.jun2011.htm](http://www.mi.sanu.ac.rs/colloquiums/mechcoll_programs/mechcoll.jun2011.htm), од стр. 1158, до стр. 1158
- *МАТЕМАТИЧКИ ИНСТИТУТ SANU, ODELJENJE ZA МЕХАНИКУ <http://www.mi.sanu.ac.rs/colloquiums/mechcoll.htm> Сединар механике Оудљена за механику (M62)*, 2011, Matematički institut SANU, 1159, Srbiha, од: 02.07.2011, до: 05.07.2011, [http://www.mi.sanu.ac.rs/colloquiums/mechcoll\\_programs/mechcoll.jul2011.htm](http://www.mi.sanu.ac.rs/colloquiums/mechcoll_programs/mechcoll.jul2011.htm)  
1. Subhash Sinha, Ponedeljak (Monday), 4 jul (July 4) 2011 u 13,00 sati (at 13,00h) Lecture No. 1159 Alumni Professor Subhash C. Sinha, Alumni Professor and Director, Nonlinear Systems Research Laboratory, Department of Mechanical Engineering, Auburn University, AL 36849, USA ANALYSIS AND CONTROL OF PARAMETRICALLY EXCITED SYSTEMS: A NEW APPROACH. (M62) [http://www.mi.sanu.ac.rs/colloquiums/mechcoll\\_programs/mechcoll.jul2011.htm](http://www.mi.sanu.ac.rs/colloquiums/mechcoll_programs/mechcoll.jul2011.htm), од стр. 1159, до стр. 1159
- *МАТЕМАТИЧКИ ИНСТИТУТ SANU, ODELJENJE ZA МЕХАНИКУ <http://www.mi.sanu.ac.rs/colloquiums/mechcoll.htm> Сединар механике Оудљена за механику (M62)*, 2012, МАТЕМАТИЧКИ ИНСТИТУТ SANU, ODELJENJE ZA МЕХАНИКУ, 1191, Srbija, од: 22.05.2012, до: 25.05.2012, [http://www.mi.sanu.ac.rs/colloquiums/mechcoll\\_programs/mechcoll.may2012.htm](http://www.mi.sanu.ac.rs/colloquiums/mechcoll_programs/mechcoll.may2012.htm)  
1. Pavel S. Krasilnikov\*\*\*, Среда, 23 мај 2012 у 18 сати (18h) Предавање No. 1191 Prof. dr Pavel S. Krasilnikov, Department of Differential Equations, Moscow State Aviation Institute, MAI, Moscow, Russia On the investigation of rotation of Uranus. (M62) [http://www.mi.sanu.ac.rs/colloquiums/mechcoll\\_programs/mechcoll.may2012.htm](http://www.mi.sanu.ac.rs/colloquiums/mechcoll_programs/mechcoll.may2012.htm), од стр. 1191, до стр. 1191
- *1. МАТЕМАТИЧКИ ИНСТИТУТ SANU, ODELJENJE ZA МЕХАНИКУ <http://www.mi.sanu.ac.rs/colloquiums/mechcoll.htm> Сединар механике Оудљена за механику (M62)*, 2011, 1. МАТЕМАТИЧКИ ИНСТИТУТ SANU, ODELJENJE ZA МЕХАНИКУ <http://www.mi.sanu.ac.rs/colloquiums/mechcoll.htm>, 1163, <http://www.mi.sanu.ac.rs/colloquiums/mechcoll.htm>  
1. Маринко Угрчић, 1. МАТЕМАТИЧКИ ИНСТИТУТ SANU, ODELJENJE ZA МЕХАНИКУ <http://www.mi.sanu.ac.rs/colloquiums/>



mechcoll.htm Семинар механике Одљења за механику Ugrčić M., Numerical Simulation of Processes in Physics of Explosion, Mathematical Institute SANU, Belgrade, Department for Mechanics, Sreda (Wednesday), 28 septembar (September 28) 2011 u 18 sati (18h) Lecture No. 1163, 2011. <http://www.mi.sanu.ac.rs/colloquiums/mechcoll.htm>, од стр. 1163, до стр. 1163

- Математика и примене, Београд, 25. и 26. мај 2012. национални скуп са међународним учешћем у организацији Математичког факултета Универзитета у Београду. <http://www.matf.bg.ac.rs/lat/skupovi-u-zemlji/> (M62), 2012, Matematički fakultet u Beogradu, Srbija, од: 25.05.2012, до: 26.05.2012, <http://www.matf.bg.ac.rs/lat/skupovi-u-zemlji/>  
1. Катица Хедрих-Стевановић, Hedrih (Stevanović) K., (2012), Тригер спрегнутих сингуларитета, Програм за први дан, са апстрактима научног скупа Математика и примене, Plenarno predqvanje, Београд, 25. и 26. мај 2012, национални скуп са међународним учешћем, у организацији Математичког факултета Универзитета у Београду. <http://www.matf.bg.ac.rs/lat/skupovi-u-zemlji/>, од стр. Prvi dan, до стр. Prvi dan
- Циклус предавања Одељења природно-математичких наука Научног друштва Србије НАУЧНИ ХОРИЗОНТИ ПРИРОДНОМАТЕМАТИЧКЕ НАУКЕ - ЈУЧЕ, ДАНАС И СУТРА (M62), 2012, Naučno društvo Srbije, Srbija, од: 30.04.2012, <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>  
1. Катица Хедрих-Стевановић, : Хедрих (Стевановић) K., (2012), О ТАНГЕНТНИМ ПРОСТОРИМА ВЕКТОРА ПОЛОЖАЈА МАТЕРИЈАЛНИХ ТАЧАКА РЕОНОМНОГ СИСТЕМА И ЊИХОВИМ КИНЕТИЧКИМ ДЕФОРМАЦИЈАМА, предавање, НАУЧНИ ХОРИЗОНТИ - ПРИРОДНОМАТЕМАТИЧКЕ НАУКЕ - ЈУЧЕ, ДАНАС И СУТРА, Циклус предавања Одељења природно-математичких наука Научног друштва Србије, Понедељак, 30. април 2012. године. <http://afrodita.rcub.bg.ac.rs/~nds/indexe.html>, од стр. WEB, до стр. WEB
- Семинари Математичког института САНУ Семинар механике Одљења за механику Математичког института САНУ <http://www.mi.sanu.ac.rs/seminars/seminar12.htm> (M62), 2012, Математички институт САНУ, Србија, <http://www.mi.sanu.ac.rs/colloquiums/mechcoll.htm>  
1. Катица Хедрих-Стевановић, SREDA, 11. април 2012. у 18 sati: Проф. др Катица Р. (Стевановић) Хедрих, руководилац пројекта ОИ 174001 и управник Одељења за механику Предацање под насловом: Хедрих (Стевановић) K., (2012), Вектори момената маса, вектори ротатори и њихова примена на системе више спрегнутих тела који изводе спрегнуте ротације, предавање, Семинар механике Одељења за механику Математичког института САНУ, среда 11 април 2012 у 18 часва (замена предавања због одсутности предавача, који није најавио спреченост да одржи предавање, види Записник Семинара механике Одељења за механику) . <http://www.mi.sanu.ac.rs/colloquiums/mechcoll.htm>, од стр. WEB, до стр. WEB, DOI: <http://www.mi.sanu.ac.rs/colloquiums/mechcoll.htm>  
2. Катица Хедрих-Стевановић, Sreda, 09. мај 2012. у 18 sati: Проф. др Катица Р. (Стевановић) Хедрих, Математички институт САНУ Београд и Машински факултет Универзитета у Нишу (Пројекат ОИ174001) Предацање под насловом: Хедрих (Стевановић) K., (2012), Линеаризације и апроксимације са применама у механици: Методе, претпоставке, прве аналитичке апроксимације и грешке (Linearizations and approximations with applications in mechanics: Methods, assumptions, first analytic approximations and errors), предавање, Семинар механике Одељења за механику Математичког института САНУ, среда 9 маја 2012 у 18 часва (замена предавања због одсутности предавача, који је најавио спреченост да одржи предавање, види Записник Семинара механике Одељења за механику) . <http://www.mi.sanu.ac.rs/colloquiums/mechcoll.htm>, од стр. WEB, до стр. WEB, DOI: <http://www.mi.sanu.ac.rs/colloquiums/mechcoll.htm>
- Семинари Математичког института САНУ Семинар за филозофију и историју математике, механике и астрономје <http://www.mi.sanu.ac.rs/seminars/seminar12.htm> Семинари Математичког института САНУ Семинар за филозофију и историју математике, механике и астрономје <http://www.mi.sanu.ac.rs/seminars/seminar12.htm> (M62), 2012, Математички институт САНУ, Србија, <http://www.mi.sanu.ac.rs/seminars/seminar12.htm>  
1. Катица Хедрих-Стевановић, UTORAK, 22. мај 2012. у 12:15 sati Prof. Dr Katica R. (Stevanović) Hedrih, matematički institut SANU, Beograd FASCINANTNA NELINEARNA DINAMIKA TEŠKE MATERIJALNE TAŠKE; APSTRAKCIJA REALNIH SISTEMA I OŽIVLJAVANJE MATEMATIKE Предацање под насловом: Хедрих (Стевановић) K., (2012), FASCINANTNA NELINEARNA DINAMIKA TEŠKE MATERIJALNE TAŠKE; APSTRAKCIJA REALNIH SISTEMA I OŽIVLJAVANJE MATEMATIKE, предавање, Семинар за филозофију и историју математике, механике и астрономје, Математичког института САНУ, уторак, 22 мај 2012 у 12 часва. <http://www.mi.sanu.ac.rs/seminars/programs/seminar12.maj2012.htm>, од стр. WEB, до стр. WEB  
2. Катица Хедрих-Стевановић, UTORAK, 23. октобар 2012. у 12:15 sati Katica R. (Stevanovic) Hedrih, Matematički institut SANU, Beograd JUBILEJ \\'OPŠTE TEORIJE STABILNOSTI\'\' A. M. LJAPUNOVA Предацање под насловом: Хедрих (Стевановић) K., (2012), JUBILEJ \\'OP TE TEORIJE STABILNOSTI\'\' A. M. LJAPUNOVA, предавање, Семинар за филозофију и историју математике, механике и астрономје, Математичког института САНУ, уторак, 23 октобра 2012 у 12 часва. <http://www.mi.sanu.ac.rs/seminars/programs/seminar12.oct2012.htm>, од стр. WEB, до стр. WEB

### M63.

- Zavarivanje & IBR 2012, 11.05.2012., Divčibare, Srbija (M63), 2012, DUZ, SDIBR, Beograd, ISBN 978-86-82585-10-7, Србија, од: 11.05.2012, до: 11.05.2012  
1. Ивана Атанасовска, Момчиловић Дејан\*\*\*, Одановић Зоран\*\*\*, Миловић Љубица\*\*\*, Јаковић Драган\*\*\*, Ograničenja ispitivanja bez razaranja pri ispitivanju posuda pod pritiskom - primer\*, од стр. 1, до стр. 8
- Zbornik radova Processing, 7 – 8 June, Belgrade (M63), 2012, Србија, од: 07.06.2012, до: 08.06.2012  
1. Драгутин Дебелковић, Небојша Димитријевић, Горан Симеуновић, Д. Стевић\*\*\*, Debeljkovic, D. Lj., D. Z. Stevic, G. V. Simeunovic, N. J. Dimitrijevic, "Razlicite Metode Modeliranja Rekuperativnih Razmenjivaca Toplote", Zbornik radova Processing, 7 – 8 June, Belgrade (Serbia), (2012), од стр. 1, до стр. 1
- Zbornik radova sa XXXV konferencije "Poslovnih komunikacija i proizvodnog inženjerstva", Jun 01–02, Vrnjačka Banja (M63),

2012, Srbija, од: 01.06.2012, до: 02.06.2012

1. Небојша Димитријевић, Н.Н. Јањић\*\*\*, З. Јањић\*\*\*, Д. Николић\*\*\*, Dimitrijević, N., N. Janjić, Z. Janjić, D. Nikolić, "Kreiranje šablona crteža i radioničkog crteža, definisanje okvira i zaglavlja, asocijativna funkcionalnost u Autodesk Inventoru", XXXV konferencija "Poslovnih komunikacija i proizvodnog inženjerstva", Jun 01–02, Vrnjačka Banja, Srbija, Zbornik radova, 2012, str. 39–48, од стр. 39, до стр. 48

• *Zbornik radova sa XXXV konferencija "Poslovnih komunikacija i proizvodnog inženjerstva", Jun 01–02, Vrnjačka Banja (M63)*, 2012, Srbija, од: 01.06.2012, до: 02.06.2012

1. Небојша Димитријевић, Д. Николић\*\*\*, З. Јањић\*\*\*, Н. Н. Јањић\*\*\*, Dimitrijević, N., Z. Janjić, N. Janjić, D. Nikolić, "Modelovanje simetričnih geometrijskih oblika i konstrukciona geometrija u Autodesk Inventoru", XXXV konferencija "Poslovnih komunikacija i proizvodnog inženjerstva", Jun 01–02, Vrnjačka Banja, Srbija, Zbornik radova, 2012, str. 49–57, од стр. 49, до стр. 57

• *Zbornik radova sa XXXV konferencija "Poslovnih komunikacija i proizvodnog inženjerstva", Jun 01–02, Vrnjačka Banja (M63)*, 2012, Srbija, од: 01.06.2012, до: 02.06.2012

1. Небојша Димитријевић, Н. Јањић\*\*\*, Д. Николић\*\*\*, Nikolić, D., N. Janjić, N. Dimitrijević, "Određivanje optimalne vrednosti zazora pri praćenju pohabanost generatorskih ležajeva hidroelektrane Đerdap II", XXXV konferencija "Poslovnih komunikacija i proizvodnog inženjerstva", Jun 01–02, Vrnjačka Banja, Srbija, Zbornik radova, 2012, str. 766–774, од стр. 766, до стр. 774

• *56th ETRAN Conference. Zlatibor, Serbia, June 11-14, 2012. (M63)*, 2012, ISBN 978-86-80509-67-9, Srbija, од: 11.06.2012, до: 14.06.2012, <http://etran.etf.rs/>

1. Љубинко Кевац, Мирјана Филиповић\*\*\*, Application of FUZZY logic controller to the control of robotic mechanism, RO1.7., од стр. 1, до стр. 4

• *HIPNEM 2012, KGH, Belgrade, October 18 2012. (M63)*, 2012, ISBN 978-86-81505-64-9, Srbija, од: 18.10.2012, до: 18.10.2012, <http://www.smeits.rs>

1. Љубинко Кевац, Мирјана Филиповић\*\*\*, The Importance of procedure of form a mathematical model of aerial robot, од стр. 1, до стр. 6

• *HIPNEM 2012, KGH, Belgrade, October 18 2012. (M63)*, 2012, ISBN 978-86-81505-64-9, Srbija, од: 18.10.2012, до: 18.10.2012, <http://www.smeits.rs>

1. Љубинко Кевац, Мирјана Филиповић\*\*\*, Application of fuzzy logic controller to the control of robotic mechanism with 6 DOF., од стр. 1, до стр. 6

• *XIII YUCORR International conference Proceedings, Tara, Serbia, 5-8 April 2011 (M63)*, 2011, Serbian Society for Materials Protection, Belgrade, Serbia, ISBN 978-86-82343-15-8, Србија, од: 05.04.2011, до: 08.04.2011

1. Ивана Атанасовска, Вукић Марија\*\*\*, Пресбургер Улниковић Владанка\*\*\*, Мрмак Снежана\*\*\*, Model of organization of vessels waste collecting\*, од стр. 338, до стр. 350

• *2. Naučno stručna konferencija KORIDOR 10 održi put integracija, 20. oktobar 2011., Beograd, Srbija (M63)*, 2011, Institut Kirilo Savić a.d., Beograd, ISBN 978-86-83059-08-9, Србија, од: 20.10.2011, до: 20.10.2011

1. Ивана Атанасовска, Јовичић Радомир\*\*\*, Ерић Оливера\*\*\*, Јовичић Дејан\*\*\*, Тонић Милан\*\*\*, Analiza mogućih uzroka loma zavarene boce za tečni hlor\*, од стр. 101, до стр. 107

• *IV Naučno stručna konferencija zaštita životne sredine i energetska efikasnost, 11.05.2012., Beograd, Srbija (M63)*, 2012, Udruženje inženjera Beograda, ISBN 978-86-915671-0-1, Србија, од: 11.05.2012, до: 11.05.2012

1. Ивана Атанасовска, Момчиловић Дејан\*\*\*, Старчевић Зорица\*\*\*, Razvijanje algoritma za povećanje energetske efikasnosti mašinskih elemenata i sistema\*, од стр. 141, до стр. 148

## **M64.**

• *МАЈМЕСЕЦМАТЕМАТИКЕ - СРПСКИ МАТЕМАТИЧАРИ, у организацији Ректората Универзитета у Београду и Српска академија наука и уметности. Ректорат Универзитета у Београду, Студентски трг 1, Свечана сала, 28. мај 2012. (M64)*, 2012, у организацији Ректората Универзитета у Београду и Српска академија наука и уметности, Ректорат Универзитета у Београду, Студентски трг 1, Свечана сала, 28. мај 2012., Србија, од: 28.05.2012, до: 28.05.2012

1. Катица Хедрих-Стевановић, Хедрих (Стевановић К., (2012), Михаило Петровић и фасцинантна нелинеарна динамика, 30-монитно предавање по позиву, МАЈМЕСЕЦМАТЕМАТИКЕ - СРПСКИ МАТЕМАТИЧАРИ, у организацији Ректората Универзитета у Београду и Српска академија наука и уметности, Ректорат Универзитета у Београду, Студентски трг 1, Свечана сала, 28. мај 2012., од стр. WEB NDS, до стр. WEB NDS

• *Семинари Математичког института САНУ Семинар Математичке методе механике <http://www.mi.sanu.ac.rs/mmm/> (M64)*, 2012, Matematički institut SANU, Srbija, <http://www.mi.sanu.ac.rs/mmm/>

1. Катица Хедрих-Стевановић, Предавање под насловом: Хедрих (Стевановић) К., (2012), О ТАНГЕНТНИМ ПРОСТОРИМА ВЕКТОРА ПОЛОЖАЈА МАТЕРИЈАЛНИХ ТАЧАКА РЕОНОМНОГ СИСТЕМА И ЊИХОВИМ КИНЕТИЧКИМ ДЕФОРМАЦИЈАМА, предавање, Семинар Математичке методе механике, Математички институт САНУ, Понедељак, 30. април 2012. године. <http://www.mi.sanu.ac.rs/mmm/srpski/indexs.html>, од стр. WEB, до стр. WEB

• *Семинари Математичког института САНУ Семинар 'Математичке методе механике у примени' Mathematical Methods of Mechanics and Applications and Project OI 174001 Matematicke metode mehanike u primeni Projekat OI 174001 Dinamika hibridnih sistema slozenih struktura (2011-2014) Serija predavanja za istrazivace pripravnike i doktorante iz oblasti*

*Kinetike, Elastodinamike, Analitичке механике, Примене тензорског рачуна у механици, Теорије осцилација и Нелинеарне динамике*

*Одржаван сваке среде у току 2011 и 2012 године. <http://www.mi.sanu.ac.rs/colloquiums/program.htm> (M64), 2011, Математички институт САНУ, Србија, од: 02.01.2011, до: 31.10.2012, <http://www.mi.sanu.ac.rs/colloquiums/program.htm>*  
 1. Катица Хедрих-Стевановић, Хедрих (Стевановић) К., (2011 и 2012), *Seriја предавања за истраживаче приправнике и докторанте из области Кинетике, Elastodinamike, Analitичке механике, Примене тензорског рачуна у механици, Теорије осцилација и Нелинеарне динамике*, Одржаван сваке среде у току 2011 и 2012 године и одржано више од 25\0 часова предавања докторских курсева и консултација са истраживачима са пројекта ОН174001. Предавач ниједан час није наплатио, а предавања је одржао са поседбним надахнућем и радошћу преношења знања на младе истраживаче.. <http://www.mi.sanu.ac.rs/colloquiums/program.htm>, од стр. WEB, до стр. WEB

#### **M71.**

• *Динамика и стабилност динамичких хибридних система (Dynamics and Stability of Dynamics Hybrid Systems) (M71)*, 2012, Јулијана Симоновић, Машињски факултет у Нишу

1. Јулијана Симоновић, *Динамика и стабилност динамичких хибридних система (Dynamics and Stability of Dynamics Hybrid Systems)*

• *МАТЕМАТИЧКО MODELIRANJE, SIMULACIJA I IDENTIFIKACIJA PLOČASTIH RAZMENJIVAČA TOPLOTE (M71)*, 2011, Машињски факултет Универзитета у Београду

1. Горан Симеуновић, *МАТЕМАТИЧКО MODELIRANJE, SIMULACIJA I IDENTIFIKACIJA PLOČASTIH RAZMENJIVAČA TOPLOTE*

• *DINAMIČKA ANALIZA POSEBNIH KLASA SISTEMA SA ČISTIM VREMENSKIM KAŠNJENJEM (M71)*, 2011, Машински факултет Универзитета у Београду

1. Небојша Димитријевић, *DINAMIČKA ANALIZA POSEBNIH KLASA SISTEMA SA ČISTIM VREMENSKIM KAŠNJENJEM*

• *Нелинеарне осцилације гиро-ротора (M71)*, 2011, Машински факултет Универзитета у Нишу

1. Љиљана Вељовић, *Нелинеарне осцилације гиро-ротора*

• *Енергијска анализа динамике виброударних система са криволинијским путањама и неидеалним везама (M71)*, 2011, Факултет техничких наука у Косовској Митровици, Универзитет у Приштини. 2011. године

1. Срђан Јовић, *Енергијска анализа динамике виброударних система са криволинијским путањама и неидеалним везама*

29.01.2013.

Датум

Руководилац пројекта