

Табела 1. Подаци о наставницима Факултета техничких наука у Косовској Митровици потребни за унапређење сајта факултета

Име и Презиме	Срђан Јовић
Звање	Редовни професор
Катедра	Катедра за механику
Стручни назив	Доктор техничких наука из области машинства
Ужа научна област	Механика
Датум избора у звање	28.06.2019. године
Предмети које наставник држи на основним, мастер и докторским студијама (по акредитацији из 2021. године)	20.ОМ10 Механика 3 20.ОМ20 Основи мехатронике 20.ОМ26 Динамика возила 20.ОМ100 Теорија осцилација 7.5.5.ОЗ.Р.1 Заштита на раду од буке и вибрације 20.ОМ101 Бука и вибрације 20.ММ6 Осцилације механичких система 20.ДМ1 Аналитичка механика 20.ДМ17 Динамика виброударних система 20.ДМ26 Бука и вибрације
Збирни подаци научне, односно уметничке и стручне активности наставника – подаци који ће бити приказани на почетној страни (на сајту факултета) за наставника	
Укупан број радова по категоријама	
Категорија	Број радова
M41	1
M21a	3
M21	31
M22	18
M23	27
M24	7
M52	8
M33	29
M63	16
Цитираност	
Укупан број цитата: 560 (према Scopus-у)	
h-index: 13 (према Scopus-у)	
Веб-сајтови и друштвене мреже (Scopus, ORCID, Google scholar, Research gate ...)	
Scopus Author ID: 57204096420	
Research gate https://www.researchgate.net/profile/Srdjan-Jovic	
Библиографија – подаци који ће се приказати за наставника кликом на одговарајући линк на сајту факултета	
Радови у часописима са SCI листе	
1. Hedrih (Stevanović) K., Raičević V., Jović S., <i>Vibro-impact of a Heavy Mass Particle Moving along a Rough Circle with Two Impact Limiters</i> , ©Freund Publishing House Ltd. International Journal of Nonlinear Sciences and Numerical Simulation ISSN: 1565-1339, Volume 11, NO.3, pp.211-224, 2010. [SCI] Impact Factor: 8.479 .	

Категоризација часописа: **M21**

http

link:

[http://www.reference-](http://www.reference-global.com/doi/abs/10.1515/IJNSNS.2010.11.3.211)

[global.com/doi/abs/10.1515/IJNSNS.2010.11.3.211](http://www.reference-global.com/doi/abs/10.1515/IJNSNS.2010.11.3.211)

2. **Jović S.**, Raičević V., *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, IJNSNS ID-K01- 2010., (прихваћен за штампу, приложена потврда) 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>

3. Hedrih (Stevanović) K., Raičević V., **Jović S.**, *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: **M21**

http link: <http://dx.doi.org/10.1016/j.cnsns.2011.05.027>

4. **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>.

5. **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/>

6. **Jović S.**, Raičević V., *The phase portrait of the vibro-impact dynamics of two mass particle motions along rough circle*, Kaunas University of Technology, Scintific Journal "MECHANIKA", 2012 Nr 18(6), Article ID-No 526, pp. 657-665, ISSN 1392 - 1207, 2012.

[**SCI**] Impact Factor: currently: **1.144**.

Категоризација: **M22**

http link: <http://zurnalas.mechanika.ktu.lt/?lang=2>

7. 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. 807-812, Decembar 2012. Our tef.: AA-2001-19-241012.

[**SCI**] Impact Factor: currently: **0.347**.

Категоризација: **M23**

http link: http://hrcak.srce.hr/index.php?show=clanak&id_clanak_jezik=137693

8. Čamagić I., Vasić N., Burzić Z., Jović S., Gvozdenović T., Kudumović Dž., Compatibility of Values of Plane Strain Fracture Toughness, K_{Ic} , 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. 50-58, 2013.

[**SCI**] Impact Factor: currently: **0.351**.

Категоризација: **M23**

http link: <http://www.ttem.ba/archive.html>

9. Srdjan Jovic, Amir Seyed Danesh, Emran Younesi, Obrad Anicic, Dalibor Petković, Shahaboddin Shamshirband, **Forecasting of Underactuated Robotic Finger Contact Forces by Support Vector Regression Methodology**, International Journal of Pattern Recognition and Artificial Intelligence, DOI: 10.1142/S0218001416590199. ISSN: 0218-0014. Vol. 30, No. 7 (2016) 1659019 (11 pages) © World Scientific Publishing Company.

[**SCI**] Impact Factor: **0.783**.

Категоризација: **M23**

http link: <http://www.worldscientific.com/doi/abs/10.1142/S0218001416590199>

10. Aničić O., Jović S., **Adaptive neuro-fuzzy approach for ducted tidal turbine performance estimation**, Renewable and Sustainable Energy Reviews, Volume 59, June 2016, Pages 1111–1116, DOI:10.1016/j.rser.2016.01.031, ISSN: 1364-0321., 2016.

[**SCI**] Impact Factor: currently: **6.798**.

Категоризација: **M21a**

http link: <http://www.sciencedirect.com/science/article/pii/S1364032116000617>

http link: <http://www.journals.elsevier.com/renewable-and-sustainable-energy-reviews>

11. Srdjan Jović, Aleksandar Radović, Živče Šarkoćević, Dalibor Petković, Meysam Alizamir, **Estimation of the laser cutting operating cost by support vector regression methodology**, Applied Physics A: Materials Science & Processing, Volume 122, No. 9 (2016) (1-5 pages), DOI 10.1007/s00339-016-0287-1, ISSN: 0947-8396., First Online: 08 August 2016. September

2016, 122:798.

[**SCI**] Impact Factor: currently: **1.444**.

Категоризација: **M22**

http link: <http://link.springer.com/article/10.1007/s00339-016-0287-1>

12. Aničić Obrad, **Jović Srdjan**, Škrijelj Hivzo, Nedić Bogdan, *Prediction of laser cutting heat affected zone by extreme learning machine*, Optics and Lasers in Engineering, 88 (2017) (1-4), <http://dx.doi.org/10.1016/j.optlaseng.2016.07.005>, Accepted 14 July 2016.

[**SCI**] Impact Factor: currently: **2.319**.

Категоризација: **M21**

http link: <http://www.sciencedirect.com/science/article/pii/S0143816616301385>

13. **Jović Srdjan**, Aničić Obrad, Marsenić Mladen, Nedić Bogdan, *Solar radiation analyzing by neuro-fuzzy approach*, Energy and Buildings, 129, 2016, Pages 261–263, DOI: <http://dx.doi.org/10.1016/j.enbuild.2016.08.020>, ISSN: 0378-7788., Available online 4 August 2016.

[**SCI**] Impact Factor: currently: **2.973**.

Категоризација: **M21a**

http link: <http://www.sciencedirect.com/science/article/pii/S0378778816307009>

14. **Srdjan Jović**, Obrad Aničić, Branko Pejović, *Management of the wind speed data using adaptive neuro-fuzzy methodology*, Flow Measurement and Instrumentation, Volume 50, August 2016, pp. 201-208, DOI: <http://dx.doi.org/10.1016/j.flowmeasinst.2016.07.002>, ISSN: 0955-5986.

[**SCI**] Impact Factor: currently: **1.152**.

Категоризација: **M22**

http link: <http://www.sciencedirect.com/science/article/pii/S0955598616300784>
<http://www.sciencedirect.com.proxy.kobson.nb.rs:2048/science/article/pii/S0955598616300784>

15. **Srdjan Jović**, Obrad Aničić, Milivoje Jovanović, *Adaptive neuro-fuzzy fusion of multi-sensor data for monitoring of CNC machining*, Sensor Review, Volume: 37, Issue: 1, pp. 78-81. DOI: <http://dx.doi.org/10.1108/SR-06-2016-0107>, ISSN: 0260-2288.

[**SCI**] Impact Factor: currently: **0.898**.

Категоризација: **M23**

http link: <http://www.emeraldinsight.com/doi/pdfplus/10.1108/SR-06-2016-0107>

16. Ljubiša Milačić, **Srdjan Jović**, Tanja Vujović, Jovica Miljković, *Application of artificial neural network with extreme learning machine for economic growth estimation*, Physica A: Statistical Mechanics and its Applications, 2016, DOI: <http://dx.doi.org/10.1016/j.physa.2016.08.040>, ISSN: 0378-4371 Available online 22 August 2016.

[**SCI**] Impact Factor: currently: **1.785**.

Категоризација: **M21**

http link: <http://www.sciencedirect.com/science/article/pii/S037843711630557X>

17. Goran Maksimović, **Srdjan Jović**, Radomir Jovanović, Obrad Aničić, *Management of health care expenditure by soft computing methodology*, Physica A: Statistical Mechanics and its Applications, 2016, DOI: <http://dx.doi.org/10.1016/j.physa.2016.08.035>, ISSN: 0378-4371 Available online 26 August 2016.

[**SCI**] Impact Factor: currently: **1.785**.

Категоризација: **M21**

http link: <http://www.sciencedirect.com/science/article/pii/S0378437116305520>

18. Goran Maksimović, **Srdjan Jović**, Radomir Jovanović, *Economic growth rate management by soft approach*, Physica A: Statistical Mechanics and its Applications, 2017, DOI: <http://dx.doi.org/10.1016/j.physa.2016.08.063>, ISSN: 0378-4371 Available online 29 August 2016. Volume 465, 1 January 2017, Pages 520–524.

[**SCI**] Impact Factor: currently: **1.785**.

Категоризација: **M21**

http link: <http://www.sciencedirect.com/science/article/pii/S0378437116305878>

19. Dalibor Petković, **Srdjan Jović**, Obrad Aničić, Bogdan Nedić, Branko Pejović, *Analyzing of flexible gripper by computational intelligence approach*, Mechatronics, Volume 40, Decembar 2016, Pages 1–16, DOI: <http://dx.doi.org/10.1016/j.mechatronics.2016.09.001>, ISSN: 0957-4158., 2016.

[**SCI**] Impact Factor: currently: **1.871**.

Категоризација: **M21**

http link: <http://www.sciencedirect.com/science/article/pii/S0957415816300940>

20. **Srdan Jović**, Nebojša Arsić, Jovana Vilimonović, Dalibor Petković, *Thermal sensation prediction by soft computing methodology*, Journal of Thermal Biology, Available online 6 July 2016, DOI: <http://dx.doi.org/10.1016/j.jtherbio.2016.07.005>, ISSN: 0306-4565., 2016.

[**SCI**] Impact Factor: currently: **1.621**.

Категоризација: **M21**

http link: <http://www.sciencedirect.com/science/article/pii/S0306456516300304>

21. **Srdan Jović**, Goran Maksimović, David Jovović, *Appraisal of natural resources rents and economic development*, Resources Policy, 2016, DOI: <http://dx.doi.org/10.1016/j.resourpol.2016.10.012>, ISSN: 0301-4207 Available online 28 October 2016, Volume 50, Decembar 2016, Pages 289–291.

[**SCI**] Impact Factor: currently: **2.489**.

Категоризација: **M21**

http link: <http://www.sciencedirect.com/science/article/pii/S0301420716301787>

22. Milos Ilic, **Srdjan Jovic**, Petar Spalevic, Igor Vujicic, *Water cycle estimation by neuro-fuzzy approach*, Computers and Electronics in Agriculture, Available online 7 February 2017, DOI: <http://dx.doi.org/10.1016/j.compag.2017.01.025>, ISSN: 0168-1699, Volume 135, 1 April 2017, Pages 1–3., 2017.

[SCI] Impact Factor: currently: **1.892**.

Категоризација: **M21**

http link: <http://www.sciencedirect.com/science/article/pii/S0168169916304562>

23. Aleksandar Đokić, Srdjan Jovic, *Evaluation of agriculture and industry effect on economic health by ANFIS approach*, Physica A: Statistical Mechanics and its Applications, 2017, DOI: <http://dx.doi.org/10.1016/j.physa.2017.03.022>, ISSN: 0378-4371 Available online 16 March 2017. Volume 479, 1 August 2017, Pages 396–399., 2017.

[SCI] Impact Factor: currently: **1.785**.

Категоризација: **M21**

http link: <http://www.sciencedirect.com/science/article/pii/S0378437117302741>

24. Obrad Aničić, Srdan Jović, Danilo Aksić, Aleksandar Skulić, Bogdan Nedić, *Machining process influence on the chip form and surface roughness by neuro-fuzzy technique*, Applied Physics A: Materials Science and Processing, 2017, DOI: 10.1007/s00339-017-0915-4, ISSN: 0947-8396 Available online 28 March 2017.

[SCI] Impact Factor: currently: **1.444**.

Категоризација: **M22**

http link: <https://link.springer.com/article/10.1007/s00339-017-0915-4>

25. Goran Maksimović, Valentina Milosavljević, Bratislav Ćirković, Božidar Milošević, Srdan Jović, Meysam Alizamir, *Analyzing of economic growth based on electricity consumption from different sources management of health care expenditure by soft computing methodology*, Physica A: Statistical Mechanics and its Applications, 2016, DOI: <https://doi.org/10.1016/j.physa.2017.04.174>, ISSN: 0378-4371 Available online 10 May 2017. Volume 484, 15 October 2017, Pages 37–40., 2017.

[SCI] Impact Factor: currently: **1.785**.

Категоризација: **M21**

http link: <http://www.sciencedirect.com/science/article/pii/S0378437117304843>

26. Srdan Jović, Slobodan Makragić, Milivoje Jovanović, *Parameters influence of laser forming on shaped surface by soft computing technique*, Optik - International Journal for Light and Electron Optics, Volume 142, August 2017, pp. 451-454, DOI: <https://doi.org/10.1016/j.ijleo.2017.04.089>. ISSN: 0030-4026, Available online 28 April 2017.

[SCI] Impact Factor: currently: **0.835**.

Категоризација: **M23 (74/92)**

http link: <http://www.sciencedirect.com/science/article/pii/S003040261730493X>

27. Srdjan Jovic, Zoran Golubovic, Jovan Stojanovic, *Wood bonding strength sensitivity estimation and power consumption prediction in wood machining process by artificial intelligence methods*, Sensor Review, Volume 37, Issue 4, 2017, pp. 444-447, DOI: <https://doi.org/10.1108/SR-06-2017-0119>. ISSN: 0260-2288, Accepted 17 July 2017.

[SCI] Impact Factor: currently: **1.277**.

Категоризација: **M23 (39/58)**

http link: <http://www.emeraldinsight.com/doi/pdfplus/10.1108/SR-06-2017-0119>

28. Srdjan Jovic, Dragan Lazarevic, Aleksa Vulovic, *Analyzing of the sensitivity of chip formation during machining process*, Sensor Review, Volume 37, Issue 4, 2017, pp. 448-450, DOI: <https://doi.org/10.1108/SR-06-2017-0120>. ISSN: 0260-2288, Accepted 17 July 2017.

[SCI] Impact Factor: currently: **1.277**.

Категоризација: **M23 (39/58)**

http link: <http://www.emeraldinsight.com/doi/full/10.1108/SR-06-2017-0120>

29. Srdjan Jovic, Predrag S. Vasic, Tatjana R. Jakšic, *Sensorless estimation of lake level by soft computing approach*, Sensor Review, Volume 38, Issue 1, 2018, pp. 117-119, DOI: <https://doi.org/10.1108/SR-07-2017-0138>. ISSN: 0260-2288, Accepted 31 July 2017.

[SCI] Impact Factor: currently: **1.277**.

Категоризација: **M23 (39/58)**

http link: <http://www.emeraldinsight.com/doi/full/10.1108/SR-07-2017-0138>

30. Obrad Anicic, Srdjan Jovic, Srdan Tasic, Aleksa Vulovic, Milivoje Jovanovic, *Temperature detection in cutting zone for different forms of chip shapes during machining process*, Sensor Review, Volume 38, Issue 1, 2018, pp. 102-105, DOI: <https://doi.org/10.1108/SR-07-2017-0141>. ISSN: 0260-2288, Accepted 31 July 2017.

[SCI] Impact Factor: currently: **1.277**.

Категоризација: **M23 (39/58)**

http link: <http://www.emeraldinsight.com/doi/full/10.1108/SR-07-2017-0141>

31. Khaled Mohamed Himair Swkli, Srdjan Jovic, Nebojsa Arsic, Petar Spalevic, *Detection and evaluation of heating load of building by machine learning*, Sensor Review, Volume 38, Issue 1, 2018, pp. 99-101 DOI: <https://doi.org/10.1108/SR-07-2017-0139>. ISSN: 0260-2288, Accepted 26 July 2017.

[SCI] Impact Factor: currently: **1.277**.

Категоризација: **M23 (39/58)**

http link: <http://www.emeraldinsight.com/doi/full/10.1108/SR-07-2017-0139>

32. Srđan Jović, Milica Miljković, Miljan Ivanović, Milena Šaranović, Milena Arsić, *Prostate Cancer Probability Prediction By Machine Learning Technique*, Cancer Investigation, Volume 35, Issue 10, December 2017, pp. 647-651, DOI: <https://doi.org/10.1080/07357907.2017.1406496>. ISSN: 0735-7907, Accepted 14 November 2017.

[SCI] Impact Factor: currently: **2.007**.

Категоризација: **M23 (159/217)**

http link:

<http://www.tandfonline.com/doi/abs/10.1080/07357907.2017.1406496?journalCo>

[de=icnv20&](#)

33. Dalibor Petkovic, **Srdjan Jovic**, Zoran Golubovic, *Object-oriented modeling approach of universal education software*, Computer Applications in Engineering Education, 2018, pp. 1-16, DOI: <https://doi.org/10.1002/cae.21906>. ISSN: 1061-3773, Online - full text edition; ISSN 1099-0542 , Accepted 10 December 2017, First published 30 January 2018.

[SCI] Impact Factor: currently: **0.694**.

Категоризација: **M23 (98/105, 63/85)**

http link: <http://onlinelibrary.wiley.com/doi/10.1002/cae.21906/full>

34. Obrad Anicic, **Srdjan Jovic**, Ivica Camagic, Mladen Radojkovic, Nenad Stanojevic, *Measuring of cutting forces and chip shapes based on different machining parameters*, Sensor Review, 2018., DOI: <https://doi.org/10.1108/SR-08-2017-0169>. ISSN: 0260-2288, Accepted 04 January 2018.

[SCI] Impact Factor: currently: **1.277**.

Категоризација: **M23 (39/58)**

http link: <http://www.emeraldinsight.com/doi/full/10.1108/SR-08-2017-0169>

35. Obrad Anicic, **Srdjan Jovic**, Nenad Stanojevic, Mladen Marsenic, Branko Pejovic, Bogdan Nedic, *Estimation of tool wear according to cutting forces during machining procedure*, Sensor Review, 2018., DOI: <https://doi.org/10.1108/SR-07-2017-0147>. ISSN: 0260-2288, Accepted 11 November 2017, Downloaded on: 08 February 2018.

[SCI] Impact Factor: currently: **1.277**.

Категоризација: **M23 (39/58)**

http link: <http://www.emeraldinsight.com/doi/full/10.1108/SR-07-2017-0147>

36. **Srdjan Jovic**, Blagoje Nedeljkovic, Zoran Golubovic, Nikola Kostic, *Evolutionary algorithm for reference evapotranspiration analysis*, Computers and Electronics in Agriculture, Available online 6 April 2018, DOI: <https://doi.org/10.1016/j.compag.2018.04.003>, ISSN: 0168-1699, Volume 150, July 2018, Pages 1–4., 2018.

[SCI] Impact Factor: currently: **2.201**.

Категоризација: **M21 (6/56) (41/105)**

http link: <https://www.sciencedirect.com/science/article/pii/S0168169918303934>

37. Vukoje Vukojević, Aleksandar Sedmak, **Srdjan Jovic**, Blagoje Nedeljković, Ivo Blačić, *The Effect of Vanadium Content on Microstructure and Impact Toughness of Forged High Alloy Steel X96CrMo12-1*, International Journal of Metalcasting, First online 13 April 2018, DOI: <https://doi.org/10.1007/s40962-018-0225-4>, ISSN: 1939-5981, Pages 1–7., 2018.

[SCI] Impact Factor: currently: **0.392**.

Категоризација: **M23 (58/74)**

http link: <https://link.springer.com/article/10.1007/s40962-018-0225-4>

38. Ilija Tanackov, Nemanja Deretić, Vuk Bogdanović, Nenad Ruškić, **Srdan Jović**, ,

Safety time in critical gap of left turn manoeuvre from priority approach at TWSC unsignalized intersections, Physica A: Statistical Mechanics and its Applications, 2018, DOI: <https://doi.org/10.1016/j.physa.2018.04.043>, ISSN: 0378-4371 Available online 13 April 2018, 2018.

[SCI] Impact Factor: currently: **2.243**.

Категоризација: **M21 (18/79)**

http link: <https://www.sciencedirect.com/science/article/pii/S0378437118304631>

39. Lyubomir Lazov, Vlastimir Nikolić, **Srdan Jovic**, Miloš Milovančević, Heristina Deneva, Erika Teirumenieka, Nebojsa Arsic, *Evaluation of laser cutting process with auxiliary gas pressure by soft computing approach*, Infrared Physics & Technology, 2018, DOI: <https://doi.org/10.1016/j.infrared.2018.04.007>, ISSN: 1350-4495. Available online 13 April 2018, Volume 91, June 2018, Pages 137–141., 2018.

[SCI] Impact Factor: currently: **1.713**.

Категоризација: **M22 (72/148)**

http link: <https://www.sciencedirect.com/science/article/pii/S1350449517306461>

40. Tanja Vujović, Zdravka Petković, Miloš Pavlović, **Srdjan Jović**, *Economic growth based in carbon dioxide emission intensity*, Physica A: Statistical Mechanics and its Applications, 2018, DOI: <https://doi.org/10.1016/j.physa.2018.04.074>, ISSN: 0378-4371 Available online 17 April 2018. Volume 506, 15 September 2018, Pages 179–185., 2018.

[SCI] Impact Factor: currently: **2.243**.

Категоризација: **M21 (18/79)**

http link: <https://www.sciencedirect.com/science/article/pii/S0378437118305028>

41. Miloš Milovančević, Vlastimir Nikolić, Dalibor Petković, Ljubomir Vracar, Emil Veg, Natalija Tomic, **Srdan Jović**, *Vibration analyzing in horizontal pumping aggregate by soft computing*, Measurement, 2018, DOI: <https://doi.org/10.1016/j.measurement.2018.04.100>, ISSN: 0263-2241 Available online 04 May 2018. Volume 125, September 2018, Pages 454–462., 2018.

[SCI] Impact Factor: currently: **2.359**.

Категоризација: **M21 (19/85)**

http link: <https://www.sciencedirect.com/science/article/pii/S0263224118303816>

42. Milos Ilic, Sinisa Ilic, **Srdjan Jovic**, Stefan Panic, *Early cherry fruit pathogen disease detection based on data mining T prediction*, Computers and Electronics in Agriculture, Available online 26 May 2018, DOI: <https://doi.org/10.1016/j.compag.2018.05.008>, ISSN: 0168-1699, Volume 150, July 2018, Pages 418–425., 2018.

[SCI] Impact Factor: currently: **2.201**.

Категоризација: **M21 (6/56) (41/105)**

http link: <https://www.sciencedirect.com/science/article/pii/S0168169918304095>

43. Vladan Borovic, Petar Spalevic, **Srdjan Jovic**, Damir Jerkovic, Vida Drasute, Dejan Rancic, (2018) *Hail suppression activities using TETRA-based sensor network*, Sensor Review, DOI: <https://doi.org/10.1108/SR-02-2018-0029>.

ISSN: 0260-2288, Accepted 21 May 2018.

[**SCI**] Impact Factor: currently: **1.070**.

Категоризација: **M23 (46/61)**

http link: <https://www.emeraldinsight.com/doi/pdfplus/10.1108/SR-02-2018-0029>

44. **S. Jović, A. Skulić and M. Lazarević, (2018) *Analysis of the Laser Forming of Shaped Surfaces Using the Adaptive Neuro-Fuzzy Technique*, Lasers in Engineering, 2018, Old City Publishing DOI: <http://www.oldcitypublishing.com/journals/lie-home/lie-issue-contents/lie-volume-40-number-4-6-2018/lie-40-4-6-p-333-340/>, ISSN: 0898-1507, Volume 40 (2018), Issue 4-6, Pages 333–340.**

[**SCI**] Impact Factor: currently: **0.305**.

Категоризација: **M23 (278/285)**

http link: <http://www.oldcitypublishing.com/journals/lie-home/lie-issue-contents/lie-volume-40-number-4-6-2018/lie-40-4-6-p-333-340/>

45. **S. Jović, M. Lazarević, Ž. Šarkoćević and D. Lazarević (2018) *Prediction of Laser Formed Shaped Surface Characteristics Using Computational Intelligence Techniques*, Lasers in Engineering, 2018, Old City Publishing DOI: www.oldcitypublishing.com/journals/lie-home/lie-issue-contents/lie-volume-40-number-4-6-2018/lie-40-4-6-p-239-251/, ISSN: 0898-1507, Volume 40 (2018), Issue 4-6, Pages 239–251.**

[**SCI**] Impact Factor: currently: **0.305**.

Категоризација: **M23 (278/285)**

http link: <http://www.oldcitypublishing.com/journals/lie-home/lie-issue-contents/lie-volume-40-number-4-6-2018/lie-40-4-6-p-239-251/>

46. **S. Jović, B. Jovanović, A. Ristovski and D. Lazović (2018) *Using the Soft Computing Method to Analyse and Model Laser Beam Welding*, Lasers in Engineering, 2018, Old City Publishing DOI: www.oldcitypublishing.com/journals/lie-home/lie-issue-contents/lie-volume-40-number-4-6-2018/lie-40-4-6-p-395-403/, ISSN: 0898-1507, Volume 40 (2018), Issue 4-6, Pages 395–403.**

[**SCI**] Impact Factor: currently: **0.305**.

Категоризација: **M23 (278/285)**

http link: <http://www.oldcitypublishing.com/journals/lie-home/lie-issue-contents/lie-volume-40-number-4-6-2018/lie-40-4-6-p-395-403/>

47. **S. Jović, Ž. Đorđević and D. Lazarević (2018) *Analysis of Laser Cutting Operating Cost Using Computational Intelligence*, Lasers in Engineering, 2018, Old City Publishing DOI: <http://www.oldcitypublishing.com/journals/lie-home/lie-issue-contents/lie-volume-40-number-4-6-2018/lie-40-4-6-p-405-409/>, ISSN: 0898-1507, Volume 40 (2018), Issue 4-6, Pages 405–409.**

[**SCI**] Impact Factor: currently: **0.305**.

Категоризација: **M23 (278/285)**

http link: <http://www.oldcitypublishing.com/journals/lie-home/lie-issue-contents/lie-volume-40-number-4-6-2018/lie-40-4-6-p-405-409/>

48. Vlastimir Nikolić, Jelena Kaljevic, **Srdan Jović**, Dalibor Petković, Miloš Milovančević, Ljubomir Dimitrov, Pancho Dachkinov (2018), *Survey of quality models of e-learning systems*, Physica A: Statistical Mechanics and its Applications, 2018, DOI: <https://doi.org/10.1016/j.physa.2018.07.058>, ISSN: 0378-4371 Available online 1 August 2018, Volume 511, 1 December 2018, Pages 324–330., 2018
[SCI] Impact Factor: currently: **2.132**.
Категоризација: **M21 (22/78)**
http link: <https://www.sciencedirect.com/science/article/pii/S0378437118309300>
49. Goran Rakic, Dragana Milenkovic, Sonja Vujovic, Tanja Vujovic, **Srdan Jović**, (2018), *Information system for e-GDP based on computational intelligence approach*, Physica A: Statistical Mechanics and its Applications, 2018, DOI: <https://doi.org/10.1016/j.physa.2018.09.010>, ISSN: 0378-4371 Available online 8 September 2018, Volume 513, 1 January 2019, Pages 418–423., 2019.
[SCI] Impact Factor: currently: **2.132**.
Категоризација: **M21 (22/78)**
http link: <https://www.sciencedirect.com/science/article/pii/S0378437118311348>
50. **Srdjan Jovic**, Jasmina Smigic Miladinovic, Radmila Micic, Sanja Markovic, Goran Rakic, (2018), *Analysing of exchange rate and gross domestic product (GDP) by adaptive neuro fuzzy inference system (ANFIS)*, Physica A: Statistical Mechanics and its Applications, 2018, DOI: <https://doi.org/10.1016/j.physa.2018.09.009>, ISSN: 0378-4371 Available online 8 September 2018, Volume 513, 1 January 2019, Pages 333–338., 2019.
[SCI] Impact Factor: currently: **2.132**.
Категоризација: **M21 (22/78)**
http link: <https://www.sciencedirect.com/science/article/pii/S0378437118311336>
51. Bratislav Predic, Milos Ilic, Petar Spalevic, Slavisa Trajkovic, **Srdjan Jovic**, Andrija Stanic, (2018), *Data mining based tool for early prediction of possible fruit pathogen T infection*, Computers and Electronics in Agriculture, Available online 20 September 2018, DOI: <https://doi.org/10.1016/j.compag.2018.09.023>, ISSN: 0168-1699, Volume 154, November 2018, Pages 314–319., 2018.
[SCI] Impact Factor: currently: **2.427**.
Категоризација: **M21 (7/56) (39/105)**
http link: <https://www.sciencedirect.com/science/article/pii/S016816991831175X>
52. Đoko Bandur, Branimir Jakšić. Miloš Bandur, **Srdan Jović** (2019), *An analysis of energy efficiency in Wireless Sensor Networks (WSNs) applied in smart agriculture*, Computers and Electronics in Agriculture, Available online 13 December 2018, DOI: <https://doi.org/10.1016/j.compag.2018.12.016>, ISSN: 0168-1699, Volume 156, January 2019, Pages 500–507., 2019.
[SCI] Impact Factor: currently: **2.427**.
Категоризација: **M21 (7/56) (39/105)**
http link:

<https://www.sciencedirect.com/science/article/pii/S0168169918316570?dgcid=author>

53. **Srdjan Jovic**, Aleksandar Cukaric, Andjelija Raicevic, Pancho Krastev Tomov, (2019), *Assessment of electronic system for e-patent application and economic growth prediction*, Physica A: Statistical Mechanics and its Applications, 2019, DOI: <https://doi.org/10.1016/j.physa.2019.01.009>, ISSN: 0378-4371 Available online 11 January 2019, Volume 520, 15 April 2019, Pages 93–105., 2019.

[SCI] Impact Factor: currently: **2.132**.

Категоризација: **M22 (28/78)**

http link: <https://www.sciencedirect.com/science/article/pii/S0378437119300123>

54. Nikola Radivojević, Drago Cvijanović, Dejan Sekulic, Dejana Pavlovic, **Srdjan Jovic**, Goran Maksimović, (2019), *Econometric model of non-performing loans determinants*, Physica A: Statistical Mechanics and its Applications, 2019, DOI: <https://doi.org/10.1016/j.physa.2019.01.015>, ISSN: 0378-4371 Available online 15 January 2019, Volume 520, 15 April 2019, Pages 481–488., 2019.

[SCI] Impact Factor: currently: **2.132**.

Категоризација: **M22 (28/78)**

http link:

<https://www.sciencedirect.com/science/article/pii/S0378437119300135?dgcid=author>

55. **Srdjan Jović** (2019), *Prediction of aerodynamics performance of continuously variable-speed wind turbine by adaptive neuro-fuzzy methodology*, [Engineering with Computers](#), Accepted 23 January 2019, First online 29 January 2019, DOI: <https://doi.org/10.1007/s00366-019-00716-1>, ISSN: 1435-5663, Print ISSN: 0177-0667, 2019.

[SCI] Impact Factor: currently: **1.951**.

Категоризација: **M22 (53/128), (54/105)**

http link: <https://link.springer.com/article/10.1007/s00366-019-00716-1>

56. Vladan Borović, Petar Spalević, Petar Čisar, Dejan Rančić, **Srdan Jović**, (2019), *Supervisory system for physical objects spatial location detection*, Physica A: Statistical Mechanics and its Applications, 2019, DOI: <https://doi.org/10.1016/j.physa.2019.01.023>, ISSN: 0378-4371 Available online 1 February 2019, Volume 521, 1 May 2019, Pages 781–795., 2019.

[SCI] Impact Factor: currently: **2.132**.

Категоризација: **M22 (28/78)**

http link:

<https://www.sciencedirect.com/science/article/pii/S0378437119300226?dgcid=author>

57. Biljana Novković Cvetković, Milan Gligorijević, Dalibor Petković, **Srdan Jović**, Miloš Milovančević, Vlastimir Nikolić (2019), *Evaluation of information and communication technology sector in the teaching process and strategic collaboration between universities and industry*, Computer Applications in Engineering Education, 2019; 1-10, DOI: <https://doi.org/10.1002/cae.22105>,

ISSN: 1061-3773, Online ISSN: 1099-0542, Accepted: 10 February 2019, First published: 27 February 2019.

[**SCI**] Impact Factor: currently: **1.153**.

Категоризација: **M23 (29/41), M22 (50/86)**

http link: <https://onlinelibrary.wiley.com/doi/full/10.1002/cae.22105>

58. **Srdjan Jovic**, Dragan Kalaba, Predrag Zivkovic, Aleksandar Virijevic, (2019), *Potential of adaptive neuro-fuzzy methodology for investigation of heat transfer enhancement of a minichannel heat sink*, Physica A: Statistical Mechanics and its Applications, 2019, DOI: <https://doi.org/10.1016/j.physa.2019.02.019>, ISSN: 0378-4371 Available online 19 February 2019, Volume 523, 1 June 2019, Pages 516–524., 2019.

[**SCI**] Impact Factor: currently: **2.132**.

Категоризација: **M22 (28/78)**

http

link:<https://www.sciencedirect.com/science/article/pii/S0378437119301724?dgcid=author>

59. **Srdjan Jović** (2019), *Appraisal of laser engraving module by computational intelligence approach*, Optik, Accepted 26 February 2019, Available online 27 February 2019, DOI: <https://doi.org/10.1016/j.ijleo.2019.02.146>, ISSN: 0030-4026, Volume 183, April 2019, Pages 766–774., 2019.

[**SCI**] Impact Factor: currently: **1.191**.

Категоризација: **M23 (66/94)**

http link:

<https://www.sciencedirect.com/science/article/pii/S0030402619302633?dgcid=author>

60. Saša Štatkić, Ilija B. Jeftenić, Milan Z. Bebić, Žarko Milkić, **Srdan Jović** (2019), *Reliability assessment of the single motor drive of the belt conveyor on Drmno open-pit mine*, [International Journal of Electrical Power & Energy Systems](#), Available online 29 May 2019, DOI: <https://doi.org/10.1016/j.ijepes.2019.05.062>. ISSN: 0142-0615, Volume 113, December 2019, Pages 393–402., 2019.

[**SCI**] Impact Factor: currently: **3.610**.

Категоризација: **M21 (45/260)**

http link:

<https://www.sciencedirect.com/science/article/pii/S0142061519305071?dgcid=author#!>

61. Dragan Lazarević, Bogdan Nedić, **Srdan Jović**, Živče Šarkoćević, Milan Blagojević (2019), *Optical inspection of cutting parts by 3D scanning*, Physica A: Statistical Mechanics and its Applications, 2019, DOI: <https://doi.org/10.1016/j.physa.2019.121583>, ISSN: 0378-4371 Available online 13 June 2019, Volume 531, 1 October 2019, 121583, 2019.

[**SCI**] Impact Factor: currently: **2.132**.

Категоризација: **M22 (28/78)**

http link:

<https://www.sciencedirect.com/science/article/pii/S0378437119307228?via%3Dihub>

62. **Srdjan Jovic**, Dejan Guresic, Ljiljana Babincev, Nenad Draskovic, Vidosav Dekic (2019), *Comparative efficacy of machine-learning models in prediction of reducing uncertainties in biosurfactant production*, Bioprocess and Biosystems Engineering, First online 06 July 2019, DOI: <https://doi.org/10.1007/s00449-019-02165-y>. Online ISSN: 1615-7605, Print ISSN 1615-7591, 2019.

[**SCI**] Impact Factor: currently: **2.371**.

Категоризација: **M22 (85/162, 59/138)**

http link: <https://link.springer.com/article/10.1007%2Fs00449-019-02165-y>

63. Emir Pecanin, Petar Spalevic, Edis Mekic, **Srdjan Jovic**, Ivan Milovanovic (2019), *E-learning engineers based on constructive and multidisciplinary approach*, Computer Applications in Engineering Education (COMPUT APPL ENG EDUC), 2019, DOI: <https://doi.org/10.1002/cae.22168>, ISSN: 1061-3773, Accepted 28 August 2019, First published 29 September 2019, Volume 27, Issue 6, Pages 1544–1554., 2019.

[**SCI**] Impact Factor: currently: **1.435**.

Категоризација: **M22 (44/88)**

http link: <https://onlinelibrary.wiley.com/doi/full/10.1002/cae.22168>

64. **Srdjan Jović** (2020), *Adaptive neuro-fuzzy prediction of flow pattern and gas hold-up in bubble column reactors*, Engineering with Computers (ENG COMPUT-GERMANY), 2020, DOI: <https://doi.org/10.1007/s00366-019-00905-y>, ISSN: 0177-0667, Online ISSN: 1435-5663, Accepted: 13 December 2019, First published: 01 January 2020.

[**SCI**] Impact Factor: currently: **3.551**.

Категоризација: **M21 (16/129, 23/106)**

http link: <https://link.springer.com/article/10.1007/s00366-019-00905-y>

65. Sasa Statkic, Bojan Jovanovic, Aleksandar Micic, Nebojsa Arsic, **Srdan Jović** (2020), *Adaptive neuro fuzzy selection of the most important factors for photovoltaic pumping system performance prediction*, [Journal of Building Engineering](#) (J BUILD ENG), 2020, DOI: <https://doi.org/10.1016/j.jobe.2020.101242>, ISSN: 2352-7102, Accepted: 01 February 2020, Available online: 03 February 2020., Volume 30, July 2020.

[**SCI**] Impact Factor: currently: **2.378**.

Категоризација: **M22 (21/63, 46/132)**

http link:

<https://www.sciencedirect.com/science/article/pii/S2352710219312288?via%3Dihub>

66. Jovana Galjak, Jelena Đokić, Gordana Milentijević, Irma Dervišević, **Srdan Jović** (2020), *CHARACTERIZATION OF THE TAILING WASTE DEPOSIT “GORNJE POLJE”*, [Optik](#) (OPTIK), 2020, DOI:

<https://doi.org/10.1016/j.ijleo.2020.164684>, ISSN: 0030-4026, Accepted: 31 March 2020, Available online: 01 May 2020., Volume 215, August 2020.

[**SCI**] Impact Factor: currently: **1.914**.

Категоризација: **M22 (50/95)**

http link:

<https://www.sciencedirect.com/science/article/abs/pii/S0030402620305180>

67. Dušan M. Milošević, Dragan M. Stević, Mimica R. Milošević, **Srdan Jović** (2020), *Modeling and simulation of the spectral reflectance for the natural environment: Area pešter plateau*, [Computers and Electronics in Agriculture](#) (COMPUT ELECTRON AGR), Elsevier BV, 2020, DOI: <https://doi.org/10.1016/j.compag.2020.105462>, ISSN: 0168-1699, Accepted: 25 April 2020, Available online: 07 May 2020., Volume 174, July 2020.

[**SCI**] Impact Factor: currently: **3.171**.

Категоризација: **M21a (5/57)** и **M21 (31/106)**

http link:

<https://www.sciencedirect.com/science/article/pii/S0168169920303112?dgcid=author>

68. Jovana Galjak, Jelena Đokić, Dejan Gurešić, **Srdan Jović** & Gordana Milentijević (2020), *Evaluation of acid mine drainage kinetics in the lead-zinc mine*, [Arabian Journal of Geosciences](#) (ARAB J GEOSCI), Springer, 13. 354, 2020, DOI: <https://doi.org/10.1007/s12517-020-05382-y>, ISSN: 1866-7511, Accepted: 28 April 2020, Published: 12 May 2020.

[**SCI**] Impact Factor: currently: **1.141**.

Категоризација: **M23 (160/196)**

http link: <https://link.springer.com/article/10.1007/s12517-020-05382-y>

69. Ljiljana Babincev, Dejan Guresić, Nenad Drašković, **Srdan Jović** (2020), *Measurement of heavy metals in industrial wastewater by filters based on perlite and wool*, [Journal of Water Process Engineering](#) (J WATER PROCESS ENG), Elsevier, 2020, DOI: <https://doi.org/10.1016/j.jwpe.2020.101354>, ISSN: 2214-7144, Accepted: 9 May 2020, Available online: 17 June 2020, Volume 37, October 2020.

[**SCI**] Impact Factor: currently: **3.173**.

Категоризација: **M21/22 (42/138, 23/52, 17/91)**

http link:

<https://www.sciencedirect.com/science/article/pii/S2214714420302336?dgcid=author>

70. Vladimir Radojičić, Rada Radulović, Mirsad Tarić & **Srdjan Jović** (2020), *The influence of the steel fibers on improvement of mechanical characteristic of concrete*, Mechanics Based Design of Structures and Machines (MECH BASED DES STRUC), Taylor & Francis Inc., 2020, DOI: <https://doi.org/10.1080/15397734.2020.1798782>, ISSN: 1539-7734, Accepted: 17 Jul 2020, Published online: 29 Jul 2020.

[**SCI**] Impact Factor: currently: **2.286**.

Категоризација: **M22 (60/136)**

http link:

<https://www.tandfonline.com/doi/full/10.1080/15397734.2020.1798782>

71. Dušan Regodić, Petar Spalević, Dragiša Milić, **Srdan Jović** & Radomir Regodić (2020), *Application Integration Method for the Calculation of Flight Projectile*, [The Journal of the Astronautical Sciences](#) (J ASTRONAUT SCI), American Astronautical Society (Springfield), 2020, DOI: <https://doi.org/10.1007/s40295-020-00221-4>, ISSN: 0021-9142, Published online: 06 August 2020.

[**SCI**] Impact Factor: currently: **2.775**.

Категоризација: **M21 (5/31)**

http link: <https://link.springer.com/article/10.1007/s40295-020-00221-4>

72. Nenad Marković, Slobodan Bjelić, Filip Marković. Marko Marković, **Srdjan Jović** (2020), *Theoretical Method for Determination of the Impact of Parasitic Torques from the Equivalent Scheme of Induction Machines Fed by PWM Inverter*, [Measurement](#) (MEASUREMENT), Elsevier, 2020, DOI: <https://doi.org/10.1016/j.measurement.2020.108344>, ISSN: 0263-2241, Accepted: 7 August 2020, Available online: 14 August 2020.

[**SCI**] Impact Factor: currently: **3.364**.

Категоризација: **M21 (22/91, 13/64)**

http link: [https://authors.elsevier.com/sd/article/S0263-2241\(20\)30881-2](https://authors.elsevier.com/sd/article/S0263-2241(20)30881-2)

73. Nebojša Vasić, Milorad Kilibarda, Milan Andejić & **Srdjan Jović** (2020), *Satisfaction is a function of users of logistics services in e-commerce*, Technology Analysis & Strategic Management (TECHNOL ANAL STRATEG), Routledge, 2020, DOI: <https://doi.org/10.1080/09537325.2020.1849610>, ISSN: 0953-7325, Online - full text edition; ISSN 1465-3990, Accepted: 05 November 2020, Published online: 01 December 2020.

[**SCI**] Impact Factor: currently: **1.867**

Категоризација: **M23 (158/226)**

http link:

<https://www.tandfonline.com/eprint/QZCCPRSJBNSDFYIHTYW/full?target=10.1080/09537325.2020.1849610>

74. Nikola Gvozdic, Kristina Božić-Tomić, Ljubo Markovic, Suyana Koprivica, Miljan Kobačević, **Srdjan Jovic** (2022), *Application of the Multi-Criteria Optimization Method to Repair Landslides with Additional Soil Collapse*, Axioms, 2023, DOI: <https://doi.org/10.3390/axioms11040182>, ISSN: 2075-1680, Accepted: 11 April 2022, Published online: 18 April 2022, Volume 11, Issue 4 2022.

Категоризација: **M23**

http link: [Axioms | Free Full-Text | Application of the Multi-Criteria Optimization Method to Repair Landslides with Additional Soil Collapse \(mdpi.com\)](https://www.mdpi.com/axioms/11/4/182)

75. Ljubo Markovic, Ljiljana Milić Marković, **Srdan Jović**. Miloš Milovančević (2022), *“Evaluation of Alternative Solutions of General Design of Railway Lines with Regards to Environmental Protection”*, Acta Polytechnica

Hungarica, 2022, ISSN 1785-8860, Vol. 19, No. 6, pp.99-113, 2022.

[**SCI**] Impact Factor: currently: **1.806**

Категоризација: **M23 (55/91)**

http link: <http://acta.uni-obuda.hu/Issue124.htm>

76. Dragan Vučković, **Srdjan Jovic**, Ruzica Bozovic, Vladimir Džamić, Dušan Kićović (2019), *Potential of neuro-fuzzy methodology for forecasting of outdoor thermal comfort index at urban open spaces*, Urban Climate, DOI: <https://doi.org/10.1016/j.uclim.2019.100467>, ISSN: 2212-0955, Accepted: 10 April 2019, Available online: 16 April 2019, Volume 28, June 2019, 100467.

[**SCI**] Impact Factor: currently: **5.731**

Категоризација: **M21 (49/274)**

http link:

<https://www.sciencedirect.com/science/article/pii/S2212095518303882?dgcid=author>

77. Dusan Kicovic, Dragan Vuckovic, Dusan Markovic, **Srdjan Jovic**, (2019), *Assessment of visitors' thermal comfort based on physiologically equivalent temperature in open urban areas*, Urban Climate, DOI: <https://doi.org/10.1016/j.uclim.2019.100466>, ISSN: 2212-0955, Accepted: 10 April 2019, Available online: 17 April 2019, Volume 28, June 2019, 100466.

[**SCI**] Impact Factor: currently: **5.731**

Категоризација: **M21 (49/274)**

http link:

<https://www.sciencedirect.com/science/article/pii/S2212095519300185?dgcid=author>

78. Ivica Čamagić, **Srdan Jović**, Predrag Živković, Zijah Burzić, (2021), *Influence of Temperature and Operation Time on the Fatigue Strength and Microstructure of Welded Joints of A-387Gr.B Steel*, *Materials Science (MATER SCI+)*, DOI: <https://doi.org/10.1007/s11003-021-00518-1>, ISSN: 1068-820X, Received: 06 April 2017, Published: 30 November 2021, Volume. 57, Issue 1, pp.86-93, 2021.

[**SCI**] Impact Factor: currently: **0.675**

Категоризација: **M23 (314/334)**

http link: <https://link.springer.com/article/10.1007/s11003-021-00518-1#citeas>

79. Ljiljana M. Babincev & **Srdan Jović**, (2021), *Determination of the amount of volatile acids in oxidized wines and neutralization of these by using chemical reagents and biological materials*, Biomass Conversion and Biorefinery, DOI: <https://doi.org/10.1007/s13399-021-01339-7>, ISSN: 2190-6815, Received: 07 January 2021, Accepted: 26 January 2021, Published 30 January 2021, 2021.

[**SCI**] Impact Factor: currently: **4.987**

Категоризација: **M21 (41/143)**

http link: <https://link.springer.com/article/10.1007/s13399-021-01339-7#citeas>

1. 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.

Категоризација часописа: **M52** (2011- **M51**)

http link: <http://www.vti.mod.gov.rs/ntp/index.htm>

2. Hedrih (Stevanović) K., Jović S., *Models of Technological Processes on the Basis of Vibro-impact Dynamics*, Scientific Technical Review, Vol.LIX,No.2,2009, pp.51-72.

Категоризација часописа: **M52**

http link: <http://www.vti.mod.gov.rs/ntp/index.htm>

3. Raičević V., Jović S., *"Synthesis of the Nonlinear Elastic Characteristics in a System with Many Degrees of Freedom in Sinphase of Harmonious Oscillation"*, FACTA UNIVERSITATIS. SERIES MECHANICS, AUTOMATICS CONTROL AND ROBOTICS, vol. 3, N° 14, 2003, pp. 937-942, UNIVERSITIT OF NIŠ.

Категоризација часописа: **M24** (currently: **M53**)

http link: <http://scindeks-bic.nb.rs.proxy.kobson.nb.rs:2048/journal/details.aspx?issn=0354-2009>

4. Raičević V., Vasić Z., Jović S., *" The synthesis of unlinear elastic characteristics in a system with more degrees of independency in the case of more harmonic oscillation "*, FACTA UNIVERSITATIS. SERIES MECHANICS, AUTOMATICS CONTROL AND ROBOTICS, vol. 5, N° 17, 2005, pp. 311-316, UNIVERSITIT OF NIŠ.

Категоризација часописа: **M24** (currently: **M53**)

http link: <http://scindeks-bic.nb.rs.proxy.kobson.nb.rs:2048/journal/details.aspx?issn=0354-2009>

5. Vasić Z., Raičević V., Jović S., *"Sandwich beam stability analysis application of sandwich constructions bending theory"*, FACTA UNIVERSITATIS. SERIES MECHANICS, AUTOMATICS CONTROL AND ROBOTICS, vol. 4, N° 17, 2005, pp. 333-343, UNIVERSITIT OF NIŠ.

Категоризација часописа: **M24** (currently: **M53**)

http link: <http://scindeks-bic.nb.rs.proxy.kobson.nb.rs:2048/journal/details.aspx?issn=0354-2009>

6. Ivica Čamagić, **Srđan Jović**, Mladen Radojković, Simon Sedmak, Aleksandar Sedmak, Zijah Burzić, Cristian Delamarian, **"UTICAJ TEMPERATURE I VREMENA EKSPLOATACIJE NA PONAŠANJE ZAVARENOG SPOJA PRI DELOVANJU UDARNOG OPTEREĆENJA"**, Integritet i vek konstrukcija (Structural integrity and life), Vol. 16, N° 3, 2016, pp. 179-185, UDK 620.169.1:669.15'26'28.

Категоризација часописа: **M24**

http link: <http://divk.inovacionicentar.rs/ivk/ivk16/ivk1603-8s.html>

7. Obrad D. Aničić, **Srdan V. Jović**, Aleksandar D. Mitkić, "**Modeli dinamičkog procesa formiranja strugotine** ", TEHNIKA (časopis Saveza inženjera i tehničara Srbije), Vol. 66, N° 3, 2017, pp. 367-373, UDC 621.9.013.3, ISSN: 0461-2531, COBISS.SR-ID 2527490.

Категоризација часописа: **M52**

http link: <http://www.sits.org.rs/include/data/docs1774.pdf>

8. Marsenic, M., **Jović, S** (2018), "**SENSITIVITY ANALYSIS OF LASER WELDING PROCESS BY ANFIS METHODOLOGY**", Journal of Production Engineering, FACULTY OF TECHNICAL SCIENCES DEPARTMENT OF PRODUCTION ENGINEERING NOVI SAD, SERBIA, Vol. 21, N° 1, 2018, pp. 45-49, UDC 621, ISSN: 1821-4932, DOI: <http://doi.org/10.24867/JPE-2018-01-045>, Accepted 29 May 2018.

Категоризација часописа: **M52**

http link: http://www.jpe.ftn.uns.ac.rs/published18_no1.html

9. Skrijelj, H., **Jović, S** (2018), "**CHIP FORM PREDICITON BY COMPUTATIONAL INTELLIGENCE TECHNIQUES**", Journal of Production Engineering, FACULTY OF TECHNICAL SCIENCES DEPARTMENT OF PRODUCTION ENGINEERING NOVI SAD, SERBIA, Vol. 21, N° 1, 2018, pp. 6-10, UDC 621, ISSN: 1821-4932, DOI: <http://doi.org/10.24867/JPE-2018-01-006>, Accepted 30 May 2018.

Категоризација часописа: **M52**

http link: http://www.jpe.ftn.uns.ac.rs/published18_no1.html

10. Jovanović, M., **Jović, S** (2018), "**POSSIBILITY OF ANFIS APPLICATION FOR EVALUATION ROUGHNESS OF SURFACE DURING CNC MACHINING** ", Journal of Production Engineering, FACULTY OF TECHNICAL SCIENCES DEPARTMENT OF PRODUCTION ENGINEERING NOVI SAD, SERBIA, Vol. 21, N° 1, 2018, pp. 17-20, UDC 621, ISSN: 1821-4932, DOI: <http://doi.org/10.24867/JPE-2018-01-017>, Accepted 28 April 2018.

Категоризација часописа: **M52**

http link: http://www.jpe.ftn.uns.ac.rs/published18_no1.html

11. Jovana Galjak, Jelena Djokic, **Srdjan Jovic**, (2018) "**Prediction of visitors' thermal comfort in open urban areas** ", Zastita Materijala, Inzenjersko drustvo za koroziju, Beograd Vol. 59, N° 4, 2018, pp. 495-500, doi:[10.5937/zasmat1804495G](https://doi.org/10.5937/zasmat1804495G), ISSN: 0351-9465, E-ISSN: 2466-2585, UDC 379.844/.845.

Категоризација часописа: **M24**

http link: <http://idk.org.rs/brojevi-casopisa/izdanja-2018-godine/zastita-materijala-4-018/>

12. Radović, A., Jović, S (2018), **"POWER COEFFICIENT PREDICTION OF TIDAL TURBINE BY ADAPTIVE SOFT COMPUTING METHODOLOGY"**, Journal of Production Engineering, FACULTY OF TECHNICAL SCIENCES DEPARTMENT OF PRODUCTION ENGINEERING NOVI SAD, SERBIA, Vol. 21, N° 2, 2018, pp. 51-54, UDC 621, ISSN: 1821-4932, DOI: <http://doi.org/10.24867/JPE-2018-02-051>, Accepted 25 November 2018.

Категоризација часописа: **M52**

http link: http://www.jpe.ftn.uns.ac.rs/papers/2018/no2/10-Radovic_JPE_21_No2.pdf

13. Janković, V., Jović, S., Đokić J. (2018), **"MANAGEMENT OF TOTAL ENTREPRENEURIAL ACTIVITY BY ADAPTIVE NEURO-FUZZY TECHNIQUE "**, Journal of Production Engineering, FACULTY OF TECHNICAL SCIENCES DEPARTMENT OF PRODUCTION ENGINEERING NOVI SAD, SERBIA, Vol. 21, N° 2, 2018, pp. 69-72, UDC 621, ISSN: 1821-4932, DOI: <http://doi.org/10.24867/JPE-2018-02-069>, Accepted 10 November 2018.

Категоризација часописа: **M52**

http link: http://www.jpe.ftn.uns.ac.rs/papers/2018/no2/14-Jankovic_JPE_21_No2.pdf

14. Jasmina Dedić, Srdjan Jovic, Jelena Djokic (2019) *"Analyses of burned area of forest by adaptive neuro-fuzzy approach "*, Zastita Materijala, Inzenjersko drustvo za koroziju, Beograd Vol. 60, N° 1, 2019, pp. 58-63, doi:10.5937/zasmat1901058D, ISSN: 0351-9465, E-ISSN: 2466-2585, UDC 630*43.001.18. COBISS. SR-ID 4506626.

Категоризација часописа: **M24**

http link: <http://idk.org.rs/brojevi-casopisa/izdanja-2019-godine/zastita-materijala-1-2019/>

15. Hivzo Skrijelj, Dalibor Radovanovic, Dusan Markovic, Srdjan Jovic (2019) *"Application of evolutionary algorithm in estimation of environmental performance in farm systems"*, Zastita Materijala, Inzenjersko drustvo za koroziju, Beograd Vol. 60, N° 4, 2019, pp. 321-330, doi: [10.5937/zasmat1904321S](https://doi.org/10.5937/zasmat1904321S), ISSN: 0351-9465, E-ISSN: 2466-2585, UDC 520.171:531.62-048.34+633.11. COBISS. SR-ID 4506626.

Категоризација часописа: **M24**

http link: <http://idk.org.rs/brojevi-casopisa/izdanja-2019-godine/zastita-materijala-4-2019/>

Радови са међународних конференција

1. Hedrih (Stevanović) K., Raičević V., Jović S., *The phase portrait of the vibro-impact dynamics of two mass particle motions along rough circle*, 3rd International conference "Nonlinear Dynamics – 2010", Kharkov, Ukraine, 21-24 Septembar, 2010, pp.84-89.

Категоризација: **M33**

http link: http://kpispu.org.ua/en/ND2010_program

2. Hedrih (Stevanović) K., Raičević V., Jović S., „*VIBROIMPACT SYSTEM DYNAMICS: HEAVY MATERIAL PARTICLE OSCILLATIONS ALONG ROUGH CIRCLE WITH TWO SIDE MOVING IMPACT LIMITS*“, The Symposium DyVIS (Dynamics of Vibroimpact Systems) ICoVIS -2th International Conference on Vibroimpact Systems, 6-9 January 2010. School of Mechanical Engineering & Automation Northeastern University, Shenyang, Liaoning Province, P. R. China , pp.79-86.

Категоризација: **M33**

http link: <http://www.neu.edu.cn/icovis2010/documentsdownload.html>

3. Hedrih (Stevanović) K., Jović S., „*Vibroimpact system dynamics: Heavy material particle oscillations along rough circle with one side impact limit*“, 10th Conference on Dynamical systems- theory and applications (DSTA) Lodz, Decembar 7-10, 2009 Poland. Proceedings Volume 1, pp.213-220.

Категоризација: **M33**

http link: <http://www.dsta2009.p.lodz.pl/listabs09.html>

4. Hedrih (Stevanović) K., Raičević V., Jović S., *Phase Trajectory Portrait of the Vibro-impact Forced Dynamics of Two Mass Particles along Rough Circle*, 3rd International Conference on Nonlinear Science and Complexity, Ankara, Turkey, Çankaya Üniversitesi, 28-31 Jul, 2010.

Категоризација: **M33**

http link: <http://nsc10.cankaya.edu.tr/program.php>

5. Hedrih (Stevanović) K., Jović S., „*Energy of the vibroimpact system dynamics: Heavy material particle oscillations along rough circle with one side impact limit*“, 6-th IFAC INTERNATIONAL WORKSHOP on Knowledge and technology transfer in/to developing countries: automation and infrastructure, Hotel Metropol Resort, Ohrid Republic of Macedonia, Septembar 26-29, 2009 (is uploaded to the DECOM-TT 2009 web site with ID number D65).

Категоризација: **M33**

http link: <http://decom09.feit.ukim.edu.mk/en/index/tp>

6. Hedrih (Stevanović) K., Jović S., „*Energy of the vibro-impact systems with Coulomb's type frictions*“, ESMC Lisbon 2009 Minisymposium MS-24 Kinetics, Control and Vibrorheology KINCONVIB-2009, 7-11 Septembar 2009. pp. 43-47.

Категоризација: **M33**

http

link:

http://www.dem.ist.utl.pt/esmc2009/index.php?option=com_content&task=view&id=29&Itemid=2

7. **Jović S., Raičević V., *Vibro-impact system based on oscillator, with two heavy mass particles moving along a rough cycloid*, 7th European Nonlinear Dynamics Conference (ENOC 2011), Rome, Italy, 24-29 Jul, 2011 (to appear).**

Категоризација: **M33**

http link: <http://w3.uniroma1.it/dsg/enoc2011/programs.htm>

8. **Jović 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, pp. 429-434, Łódź, December 5-8, 2011, Poland.**

Категоризација: **M33**

http link: <http://www.dys-ta.com/documents/DSTA11-Program.pdf>

9. **Jović 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 Technology Austria, Graz, Austria, 9-13 July, 2012.**

Категоризација: **M33**

http link: <http://www.esmc2012.tugraz.at/images/stories/programme.pdf>

10. **I. Čamagić, N. Vasić, T. Sedmak, M. Burzić, S. Jović, B. Ćirković, A. Todić, *COMPATIBILITY OF CRACK GROWTH PARAMETERS AND IMPACT ENERGY IN THE EVALUATION OF LOW ALLOY STEEL WELDED JOINTS BEHAVIOR*, The 8th International Symposium Machine and Industrial Design in Mechanical Engineering, 12-15 June 2014, Hotel Marina, Balatonfüred, Hungary.**

Категоризација: **M33**

http link: <http://www.kod.ftn.uns.ac.rs/index.html>

11. **Obrad Aničić, Srdan Jović, Branko Pejović, Ljiljana Savić, *MODELING AND SIMULATION COST-TIME PROFILE OF BUSINESS PROCESSES*, XXIV International Conference "Ecological Truth" Eco-Ist'16, 12-15 June 2016., Hotel "Breza", Vrnjačka Banja, Serbia, pp. 718-732., ISBN: 978-86-6305-043-3.**

Категоризација: **M33**

http link: <http://www.eco-ist.rs/glavnetematikesr.html>

16. **Srdan Jović, Branko Pejović, Obrad Aničić, Mladen Marsenić, *ANNEX ANALYSIS CHATTER WITH GEARS FOR EMERGENCY MOVEMENT MACHINE TOOLS USING NONLINEAR THEORY*, THIRD INTERNATIONAL SYMPOSIUM ON CORROSION AND PROTECTION OF MATERIALS AND ENVIRONMENT (Treći međunarodni simpozijum o koroziji i zaštiti materijala i životne sredine), ENGINEERS CHAMBER**

OF MONTENEGRO (Inženjerska komora Crne Gore), 12-15. Oktobar 2016., Bar, Montenegro, pp. 221-239., ISBN: 978-9940-9334-2-5, COBISS.CG-ID 31527696.

Категоризација: **M33**

http

link:

http://www.ingkomora.me/ikcg_sajt/site_cg/public/index/artikli?id=2881

12. **Srdan Jović**, Branko Pejović, Obrad Aničić, *THEORETICAL INVESTIGATIONS OF CHATTER BRACKET TOOL FOR PROCESSING APPLICATION STRUGARSKOJ NONLINEAR MODEL*, THIRD INTERNATIONAL SYMPOSIUM ON CORROSION AND PROTECTION OF MATERIALS AND ENVIRONMENT (Treći međunarodni simpozijum o koroziji i zaštiti materijala i životne sredine), ENGINEERS CHAMBER OF MONTENEGRO (Inženjerska komora Crne Gore), 12-15. Oktobar 2016., Bar, Montenegro, pp. 255-271. ISBN: 978-9940-9334-2-5, COBISS.CG-ID 31527696.

Категоризација: **M33**

http

link:

http://www.ingkomora.me/ikcg_sajt/site_cg/public/index/artikli?id=2881

13. Vojislav Krstić, Boris Antić, **Srdan Jović**, Božidar Krstić, *ESTABLISHING THE ROUTES FOR TRANSPORTATION OF HAZARDOUS GOODS ON THE BASIS OF THE RISK LEVEL*, MVM2016-066 International Congress Motor Vehicles & Motors 2016, October 6-8. Kragujevac, Serbia.

Категоризација: **M33**

http link: http://www.mvm.fink.rs/Mvm2016/pdf/MVM2016_List.pdf

14. Obrad Aničić, **Srdan Jović**, Mladen Marsenić, *MODELS OF DYNAMICAL PROCESS OF CHIP FORMING*, V International Congress "Engineering, Environment and Materials in Processing Industry", Tehnološki fakultet Zvornik, Bosnia and Herzegovina, 15-17. March 2017., Jahorina, Republic of Srpska, Bosnia and Herzegovina, pp. 1737-1750. ISBN: 978-99955-81-21-3, COBISS.RS-ID 6384152.

Категоризација: **M33**

http

link:

http://kongres.tfzv.org/en/files/III_announcement_Congress_EEM_2017.pdf

15. Obrad Aničić, **Srdan Jović**, Mladen Marsenić, Vukoje Vukojević, *PROCESS OF CHIPS FORMING*, V International Congress "Engineering, Environment and Materials in Processing Industry", Tehnološki fakultet Zvornik, Bosnia and Herzegovina, 15-17. March 2017., Jahorina, Republic of Srpska, Bosnia and Herzegovina, pp. 1729-1736. ISBN: 978-99955-81-21-3, COBISS.RS-ID 6384152.

Категоризација: **M33**

http

link:

http://kongres.tfzv.org/en/files/III_announcement_Congress_EEM_2017.pdf

16. **Srdan Jović**, Obrad Aničić, Hivzo Škrijelj, *Analyzing of the most dominant cutting parameters on the chip form prediction by adaptive neuro-fuzzy technique*, 8th Symposium on thermodynamics and phase diagrams, Committee for thermodynamics and phase diagrams Serbia in cooperation with: Faculty of Technical Sciences in Kosovska Mitrovica, Technical Faculty in Bor and Associated Phase Diagram and Thermodynamics Committee (Poland, Czech Republic, Hungary, Bulgaria, Slovenia, Serbia, Montenegro, Romania, Croatia, Bosnia and Herzegovina), Faculty of Technical Sciences, Kosovska Mitrovica, Serbia, 19-20 June, 2017. pp. 50-51, ISBN 978-86-80893-71-6.

Категоризација: **M33**

http link: <http://www.metalurgija.tfbor.bg.ac.rs/odrzan-8-simpozijum-o-termodinamici-i-faznim-dijagramima/>

17. Jelena Djokić, **Srdan Jović**, Nebojša Arsić, Obrad Aničić, **ENERGY EFFICIENCY MEASURES AND SUSTAINABLE DEVELOPMENT**, 6th International Symposium MINING AND ENVIRONMENTAL PROTECTION, CENTER FOR ENVIRONMENTAL ENGINEERING Mining Department, Faculty of Mining and Geology, Belgrade Serbia, 21-24. June 2017., Vrdnik, Serbia, pp. 214-219. ISBN: 978-86-7352-298-2.

Категоризација: **M33**

http link: <http://rgf.bg.ac.rs/mep/>

18. **Srdan Jović**, **VIBRO-IMPACT SYSTEM BASED ON FORCED OSCILLATIONS OF HEAVY MASS PARTICLE ALONG A ROUGH CICLOID**, 6th International Congress of Serbian Society of Mechanics, Serbian Society of Mechanics and Faculty of Mechanical Engineering, University of Belgrade, Belgrade, Serbia, Tara, Serbia, June 19-21., 2017. G3b, pp. 1-8. ISBN: 978-86-909973-6-7, COBISS.RS-ID 237139468.

Категоризација: **M33**

http link: http://www.ssm.org.rs/congress_2017/home.html

19. Jelena Đokić, Nebojša Arsić, **Srdan Jović**, Predrag Stanojević, **DESK STUDY ON ASSESSMENT AND RECOMMENDATIONS IN INFRASTRUCTURE REHABILITATION IN POST DISASTER PERIOD**, International Scientific conference: IMPACT OF CHANGES IN OPERATIONAL ENVIRONMENT on preparation and execution (design) of operations, POKO 2017, The Military Academy, University of defence in Belgrade Serbia, 02-03. November 2017., Belgrade, Serbia, pp. 641-651. ISBN: 978-86-335-0582-6, COBISS.RS-ID 247460364.

Категоризација: **M33**

http link: <http://www.va.mod.gov.rs/cms/view.php?id=30907>

20. Vojislav Krstić, Nebojša Arsić, **Srdjan Jović**, Božidar Krstić, **INFLUENCE**

TECHNICAL CONDITION OF VEHICLES ON ROAD SAFETY, VI International Symposium NEW HORIZONS 2017 of transport and communications, Faculty of Transport and Traffic Engineering Doboј, University of East Sarajevo, 17-18. November 2017., Bosnia and Herzegovina, pp. 40 (Book of abstracts). ISBN: 978-99955-36-64-0, COBISS.RS-ID 6841368. UDK 656.1/.7(048.3)

Категоризација: **M33**

http link: <http://www.novihorizonti.rs.ba/wp-content/uploads/2016/10/Book-of-Abstracts-NEW-HORIZONS-2017.pdf>

21. Duško Minić, Milena Premović, Dragana Zivković, **Srdan Jović**, Aleksandar Marković and Milica Tomović, *Microstructural investigation of ternary Al-Cu-Sb and Bi-Ge-Sb alloys*, The 48th International October Conference on Mining and Metallurgy, 28 September - 01 October 2016, Bor, Bor (Serbia), 443-446. ISBN 978-86-6305-047-1.

Категоризација: **M33**

http link: <https://www.dropbox.com/s/uq65ph1kiox52kp/Minic%20et%20all.pdf?d=0>

22. Ivica Čamagić, Miloš Milošević, **Srdan Jović**, Zijah Burzić, Aleksandar Sedmak, **TEMPERATURE AND TIME EFFECTS ON FRACTURE TOUGHNESS VALUES IN WELDED JOINT**, 14th International Conference on Fracture (ICF 14), June 18-23, 2017, Rhodes, Greece, Proceedings on CD, pp. 1131-1132.

Категоризација: **M33**

http link: http://www.conference.city/conference.php?e_id=133071

23. Z. Burzić, I. Čamagić, **S. Jović**, M. Radojković and A. Sedmak, **TEMPERATURE AND TIME EFFECTS ON FATIGUE STRENGTH OF WELDMENTS**, 14th International Conference on Fracture (ICF 14), June 18-23, 2017, Rhodes, Greece, Proceedings on CD, pp. 1132-1133.

Категоризација: **M33**

http link: http://www.conference.city/conference.php?e_id=133071

24. **Srdan Jović**, Živče Šarkoćević, Dragan Lazarević, Branko Pejović, Jasmina Dedić, **ANALYSIS OF THE EFFECT TEMPERATURE CHANGES HAVE ON BUCKLING OF SLENDER BEAMS UNDER STATIONARY CONDITIONS**, 7th International Congress of Serbian Society of Mechanics, Sremski Karlovci, Serbia, June 24-26, 2019. ISBN: 978-86-909973-7-4, COBISS.RS-ID 277232652.

Категоризација: **M33**

http link: http://www.ssm.org.rs/congress_2019/pdf/Technical_programme_2019.pdf

25. Ivica Čamagić, Dragan Lazarević, **Srdan Jović**, Dragan Kalaba, Živče Šarkoćević, **ASSESSMENT OF THE SAFETY OF WELDED JOINTS**

FROM THE ASPECT OF THE FRACTURE MECHANICS APPLICATION, 7th International Congress of Serbian Society of Mechanics, Sremski Karlovci, Serbia, June 24-26, 2019. ISBN: 978-86-909973-7-4, COBISS.RS-ID 277232652.

Категоризација: **M33**

http

link:

http://www.ssm.org.rs/congress_2019/pdf/Technical_programme_2019.pdf

26. Nikola Nešić, Dragan Jovanović, Goran Janevski, Dušan Stojiljković, **Srdan Jović**, **TRANSVERSAL VIBRATION OF THIN CRACKED BEAMS: EXPERIMENTS, THEORY AND NUMERICS**, 7th International Congress of Serbian Society of Mechanics, Sremski Karlovci, Serbia, June 24-26, 2019. ISBN: 978-86-909973-7-4, COBISS.RS-ID 277232652.

Категоризација: **M33**

http

link:

http://www.ssm.org.rs/congress_2019/pdf/Technical_programme_2019.pdf

27. Miloš Pljakić, Aleksandra Petrović, Predrag Stanojević, **Srdan Jović**, **THE EXAMINATION OF SPATIAL CLUSTERS IN THE ANALYSIS OF ACCIDENTS IN THE AREA OF REPUBLIKA SRPSKA**, 8th International Conference "Road Safety in Local Community" Republic of Srpska, Banja Luka, October 24 – 25, 2019. ISBN: 978-99976-727-6-6, COBISS.RS-ID 8406552.

Категоризација **M33**

http link: https://www.bslz-rs.org/fin_works

28. Nešić N, Cajić M, Karličić D, **Jović S**, Simonović J, (2021), *Nonlinear Vibration of Fractional Viscoelastic Beam on Nonlinear Layer*, 8th International Congress of Serbian Society of Mechanics, Kragujevac, Serbia, June 28-30, 2021, pp.636-637, ISBN 978-86-909973-8-1.

Категоризација **M33**

Радови са домаћих конференција

1. **Jović 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 (to appear).

Категоризација: **M63**

http link: <http://www.ssm.org.rs/Congress2011/programme.html>

2. **Jović 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 (to appear).

Категоризација: **M63**

http link: <http://www.ssm.org.rs/Congress2011/programme.html>

3. Raičević V., Tomić R., Jović S., " *Smanjenje vibroaktivnosti mehaničkog sistema primenom dinamičkih apsorbera oscilacija*", Zbornik radova XXII-og Jugoslovenskog kongresa teorijske i primenjene mehanike, sekcija D, stranice 13-16, Vrnjačka Banja, 2.-7. juna 1997. godine.

Категоризација: **M63**

4. Tomić R., Raičević V., Jović S., " *Uticaj efekata Lektnitskog na osnovne dinamičke parametre strukture*", Zbornik radova XXII-og Jugoslovenskog kongresa teorijske i primenjene mehanike, sekcija E, stranice 119-122, Vrnjačka Banja, 2.-7. juna 1997. godine.

Категоризација: **M63**

5. Jović S., Raičević V., *Energy analysis of vibro-impact system based on oscillator moving freely along curilinear routes and non-ideal relations*, Third Serbian (28th Yu) Congress on Theoretical and Applied Mechanics, Vlasina lake, Serbia, 5-8 July, 2011., M2-10. pp. 1202-1221.

Категоризација: **M63**

http link: <http://www.ssm.org.rs/Congress2011/programme.html>

6. Jović S., Raičević 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 , Symposium Nonlinear Dynamics–Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Serbian Scientific Society, Serbia, Belgrade, October 1-5, 2012.

Категоризација: **M63**

http link:

<http://afrodita.rcub.bg.ac.rs/~nds/209-Booklet%20of%20Abstracts%20%20Nonlinear%20Dynamics%20PR%20ON144002.pdf>

7. Šarkoćević Ž., Arsić M., Jović S., Lazarević D., **METHODS OF RELIABILITY ASSESSMENT OF DAMAGED PIPELINE CORROSION**, Eighth Serbian Symposium in area of Non-linear Sciences , Symposium Nonlinear Dynamics–Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Serbian Scientific Society, Serbia, Belgrade, October 1-5, 2012.

Категоризација: **M63**

http link:

<http://afrodita.rcub.bg.ac.rs/~nds/209-Booklet%20of%20Abstracts%20%20Nonlinear%20Dynamics%20PR%20ON144002.pdf>

8. 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**, Eighth Serbian Symposium in area of Non-linear Sciences , Symposium Nonlinear Dynamics–Milutin Milanković, Multidisciplinary and Interdisciplinary Applications, (SNDMIA 2012), Serbian Scientific Society, Serbia, Belgrade, October 1-5, 2012.

Категоризација: **M63**

http link:

<http://afrodita.rcub.bg.ac.rs/~nds/209-Booklet%20of%20Abstracts%20%20Nonlinear%20Dynamics%20PR%20ON144002.pdf>

9. I. Čamagić, N. Vasić, **S. Jović**, Z. Burzić, A. Sedmak, Influence of Mechanical Properties and Microstructure Heterogeneity of Welded Joint Constituents on Tensile Properties and Fracture Toughness at Plane Strain, K_{Ic} , Forth Serbian (29th Yu) Congress on Theoretical and Applied Mechanics. Vrnjačka Banja, Serbia, 4-7 June 2013

Категоризација: **M63**

http link: http://www.ssm.org.rs/Congress2013/docs/accepted_abstracts.htm

10. **S. Jović**, V. Raičević, *The phase portrait of the vibro-impact system based on oscillator with two heavy mass particles*, Forth Serbian (29th Yu) Congress on Theoretical and Applied Mechanics. Vrnjačka Banja, Serbia, 4-7 June 2013.

Категоризација: **M63**

http link: http://www.ssm.org.rs/Congress2013/docs/accepted_abstracts.htm

11. D. Anđelković, **S. Jović**, B. Antić, **STATE, DEVELOPMENT AND PERSPECTIVES OF USING LPG FOR MOTOR VEHICLES IN REPUBLIC OF SERBIA**, International Congress Motor Vehicles & Motors 2014. Kragujevac, Serbia, 9-10 October, 2014. MVM2014-040.

Категоризација: **M63**

http link: <http://www.mvm.fink.rs/MVM2014/pdf/MVM2014-Timetable.pdf>

12. B. Milutinović, G. Stefanović, **S. Jović**, H. Škrijelj, **DEVELOPMENT OF MATHEMATICAL MODEL FOR ESTIMATION OF ECONOMIC INDICATORS OF WASTE TREATMENT**, 5th International Symposium MINING AND ENVIRONMENTAL PROTECTION. Vrdnik, Serbia, 10-13 June 2015. pp. 162-170, 2015.

Категоризација: **M63**

http link: <http://www.rgf.bg.ac.rs/mep/>

13. **S. Jović, V. Raičević, I. Čamagić, ANALYSIS OF VIBRO-IMPACT SYSTEM BASED ON OSCILLATOR MOVING ALONG ROUGH CIRCLE LINE UNDER OUTER ONE-FREQUENCY FORCE ACTION**, Fifth Serbian (30th Yu) Congress on Theoretical and Applied Mechanics. Arandjelovac, Serbia, 15-17 June 2015.

Категоризација: **M63**

http link:

http://www.ssm.org.rs/Congress2015/docs/TechnicalProgramme_2015_FIN_AL.pdf

14. I. Čamagić, N. Vasić, **S. Jović, Z Buzić, A. Sedmak, INFLUENCE OF TEMPERATURE AND EXPLOITATION TIME ON TENSILE PROPERTIES AND MICROSTRUCTURE OF SPECIFIC WELDED JOINT ZONES**, Fifth Serbian (30th Yu) Congress on Theoretical and Applied Mechanics. Arandjelovac, Serbia, 15-17 June 2015.

Категоризација: **M63**

http link:

http://www.ssm.org.rs/Congress2015/docs/TechnicalProgramme_2015_FIN_AL.pdf

15. **Srdjan Jović, Dynamics of vibro-impact systems on models wit collieions between mass particles**, Mini-symposium "Nonlinear Dynamics", Mathematical Institute of the Serbian Academy of Sciences and Arts and Projekt 174001, Belgrade, 25 may, 2016.

Категоризација: **M63**

http link: <http://www.mi.sanu.ac.rs/colloquiums/mechcoll.htm>

16. Nikola D. Nešić, **Srdan Jović, Dynamics of compliant mechanism consisting of Euler-bernoulli beams**, The Symposium "Nonlinear dynamics - Scientific work of Prof. Dr Katica (Stevanovic) Hedrih", Mathematical Institute of the Serbian Academy of Sciences and Arts, September 04 - 06, 2019, Belgrade, Serbia

17.

Категоризација: **M63**

Књиге и монографије

Напомена: свака књига/монографија мора да има наведене: ауторе, годину публикавања, назив издавача, ИСБН број и тип књиге (учбеник, монографија, помоћни учбеник ...).

1. Vladimir Raičević, Ljubiša Garić, **Srdan Jović: Mehanika-ZBIRKA ZADATAKA IZ STATIKE**, Fakultet tehničkih nauka u Kosovskoj Mitrovici Univerziteta u Prištini, "ADM GRAFIKA" – Kraljevo. (помоћни

универзитетски уџбеник)

2. **Срђан В. Јовић**, Катица Р. Стевановић Хедрих, Владимир М. Раичевић; *Динамика виброударних система - Анализа динамике једне класе виброударних система на бази осцилатора са криволинијским путањама и стационарним неидеалним везама*, Косовска Митровица: Факултет техничких наука, 2015 "Ниш Свен", ISBN 978-86-80893-65-5. (истакнута монографија националног значаја)
3. **Срђан Јовић**, Владимир Раичевић; *Механика, Кинематика* - Косовска Митровица: Факултет техничких наука, 2019 "Краљево Кварк", ISBN 978-86-80893-87-7. а) Кинематика крутих тела- COBISS.SR-ID 275869452. (универзитетски уџбеник)

Пројекти

Национални

- | | |
|-----------|--|
| 2000-2005 | 111616 "Реални проблеми механике ", руководиоца пројекта проф.др Катица (Стевановић) Хедрих, Министарство за науку и заштиту животне средине Републике Србије. |
| 2000-2005 | 111828 "Динамика и управљање активних конструкција", руководилац пројекта проф.др Катица (Стевановић) Хедрих, Министарство за науку и заштиту животне средине Републике Србије. |
| 2006-2010 | ON144002 "Проблеми теоријске и техничке механике крутих и чврстих тела. Механика материјала", руководилац пројекта проф.др Катица (Стевановић) Хедрих, Министарство за науку и технологију Републике Србије. |
| 2008-2010 | ON144042 "Примена рачунара у механици ", руководилац пројекта проф. др Никола Маричић, Министарство за науку и технологију Републике Србије. |
| 2011-2020 | OI174001 "Динамика хибридних система сложених структура. Механика материјала.", руководилац пројекта проф.др Катица (Стевановић) Хедрих, Министарство за науку и технологију Републике Србије (у категорији истраживача A2). |

Међународни

Erasmus + пројекат: *Development of master curricula for natural disasters risk management in Western Balkan countries (NatRisk)* у конзорцијуму који предводи Универзитет у Нишу.

Детаљније на: <http://www.natrisk.ni.ac.rs/>.

Erasmus + пројекат: *Improving the Traffic Safety in the Western Balkan Countries through Curriculum Innovation and Development of Undergraduate and Master Studies/TRAFFSAF*.

Детаљније на https://trafsaf.pr.ac.rs/
Области интересовања
Механика крутог тела, Динамика виброударних система, Осцилације механичких система, Динамика возила, Аналитичка механика, Бука и вибрације и Основи мехатронике
Други подаци које сматрате релевантним (признања, награде, елаборати, студије, чланства, сертификати, усавршавања, комерцијални пројекти итд.)
В.Д. Декана на ФТН у Косовској Митровици од 05.04.2022. – до данас. Продекан за наставу на ФТН у Косовској Митровици у више мандата: од 01.10.2012. – 30.9.2018., и од 01.10.2018. – 04.04.2022. У периоду од 01. Новембра 2010. године па до 2012. године био је именован за Секретара научног одељења (Одељења за механику) Математичког института САНУ-а, седиште: ул. Кнез Михајлова 35-36, Београд. Члан је српског друштва за механику. Као руководиоца пројектног тима учествовао је у више студија изводљивости и елабората санације машинских постројења. Има више саопштења по позиву на Семинару механике Одељења за механику Математичког института САНУ-а. Био је члан у комисијама за одбрану више десетина завршних и мастер радова на основним, односно мастер академским студијама. Био је члан комисије за преглед, оцену и одбрану докторске дисертације кандидата мр Љубише Гарића, и члан комисије за оцену научне заснованости теме докторске дисертације кандидата мр Љубише Гарића. Ожењен, отац двоје деце.