# БИОГРАФИЈА

ОСНОВНИ ПОДАЦИ

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|---|---|
| Име и презиме | Бранислав Миленковић |
| Година и место рођења | 1992. Крушевац |
| Звање | Асистент |
| e-mail/web site | bmilenkovic92@gmail.com |
| Универзитет, факултет, организациона јединица | Факултет примењених наука у Нишу, Универзитет „Унион - Никола Тесла" Београд |
| Поље, област | Машинско инжењерство |

СТРУЧНА БИОГРАФИЈА – ДИПЛОМЕ

| ОСНОВНЕ СТУДИЈЕ | |
|---|---|
| Година | 2017. |
| Место | Краљево |
| Институција | Факултет за машинство и грађевинарство |
| Наслов дипломског рада | **Динамичка анализа кривајно клипног механизма** |
| Област | Машинско инжењерство |
| **МАСТЕР СТУДИЈЕ** | |
| Година | 2018. |
| Место | Краљево |
| Институција | Факултет за машинство и грађевинарство |
| Наслов тезе-рада | **Динамички прорачун носеће структуре вагон цистерне типа ZANS** |
| Област | Машинско инжењерство |
| Стечено звање | Мастер инжењер машинства |
| **ДОКТОРСКЕ СТУДИЈЕ** | |
| Година | 2018- |
| Место | Краљево |
| Институција | Факултет за машинство и грађевинарство |
| Наслов дисертације | |
| Област | Машинско инжењерство |

СТРУЧНА БИОГРАФИЈА – ЗВАЊА

| Година избора (реизбора) | Наставно-научно звање | Установа | Поље и област |
|---|---|---|---|
| 2021. | Асистент | Факултет примењених наука Универзитет „Унион - Никола Тесла" Београд | Машинско инжењерство |

**РЕЗУЛТАТ НАУЧНО ИСТРАЖИВАЧКОГ РАДА**

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| Branislav Milenković, Danilo Karličić, Đorđe Jovanović: Determination of natural frequency and amplitude ratio of a Rayleigh double beam system with a Keer middle layer subjected to compressive axial load, XI International Conference Industrial Engineering and Enviromental Protection IIZS 2021, Technical faculty Mihajlo Pupin, Zrenjanin, 7-8 October, pp. 103-111, ISBN 978-86-7672-348-5. | M54 |
| Đorđe Jovanović, Branislav Milenković, MladenKrstić: Grey wolf optimization algorithm for solving real-world design optimization problems, 38th International Conference on Production Engineering of Serbia, Faculty of Technical Science Čačak, Čačak, 14-15 October 2021, pp.317-320, ISBN 978-86-7776-252-0. | M33 |
| MladenKrstić, Branislav Milenković, Đorđe Jovanović: Numerical analysis of wagon leaf spring using Ansys software package, X International Scientific Conference Heavy Machinery HM2021, Faculty of Mechanical and Civil Engineering Kraljevo,Vrnjačka Banja,23-25 June 2021, pp.E39-E43, ISBN 978-86-81412-09-1. | M33 |
| Branislav Milenković, Radovan Bulatović, Ivana Atanasovska: Application of grasshopper algorithm for solving optimization problems in engineering, X International Scientific Conference Heavy Machinery HM2021, Faculty of Mechanical and Civil Engineering Kraljevo,Vrnjačka Banja,23-25 June 2021, pp.D19-D25, ISBN 978-86-81412-09-1. | M33 |
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| Branislav Milenković,Đorđe Jovanović, MladenKrstić: Application of particle swarm optimization for classical engineering problems,20th International Symposium INFOTEH 2021, University of East Sarajevo Faculty of Electronic Engineering, March 17-19 2021, ISBN 978-99976-710-8-0; pp.153-157. | M33 |
| Đorđe Jovanović, MladenKrstić, Branislav Milenković: Kinematic analysis of complex mechanism using SAM,Conference on Mechanical Engineering Technologies and Applications COMETa 2020, Faculty of Mechanical Engineering East Sarajevo, November 26-28 2020, ISBN 978-99976-719-8-1; pp.189-196. | M33 |

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| Branislav Milenković: Multifactor analysis of dynamics of the slider-crank mechanism, 7th International Congress of Serbian Society of Mechanics, Sremski Karlovci, Serbia, June 24-26 2019, Serbian Society of Mechanics, ISBN 978-86-909973-7-4; pp.93-101. | M33 |
| Đorđe Jovanović, Mladen Krstić, Branislav Milenković: Application of nanomaterials in mechanical engineering, Nineteenth Young Researchers Conference – Materials Science and Engineering, Institute of Technical Sciences of SASA, Belgrade, Serbia, December 1-3, 2021, ISBN 978-86-80321-36-3, p.51. | M34 |
| Branislav Milenković, Đorđe Jovanović: Volume optimization of the worm gear using biologically inspired algorithm, 8th International Congress of Serbian Society of Mechanics, Kragujevac, Serbia, June 28-30 2021, Serbian Society of Mechanics, ISBN 978-86-909973-8-1; pp.579-580. | M34 |
| Đorđe Jovanović, Branislav Milenković: Determination of dynamic load factor for single element camshaft using various laws of follower motion, 8th International Congress of Serbian Society of Mechanics, Kragujevac, Serbia, June 28-30 2021, Serbian Society of Mechanics, ISBN 978-86-909973-8-1; pp.52-53. | M34 |
| Branislav Milenković: Dynamic balancing of the slider-crank mechanism, Symposium Nonlinear dynamics-Scientific work of Prof.Dr.Katica Hedrih, Belgrade, Serbia, September 4-6 2019, Mathematical Institute of Serbian Academy of Sciences and Arts, ISBN 978-86-80593-69-2; pp.105-106. | M34 |
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| Branislav Milenković, Mladen Krstić: Marine Predators' Algorithm: Application in Applied Mechanics, Tehnika, 2021, Vol.76, No.5 pp.613-620, ISSN 0040-2176, DOI: 10.5937/tehnika2105613M | M51 |
| Branislav Milenković: Implemetation of Harris Hawks Optimization (HHO) Algorithm to Solve Engineering Problems, Tehnika, 2021, Vol.76, No.4, pp.439-446, ISSN 0040-2176, DOI: 10.5937/tehnika2104439M. | M51 |
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| Đorđe Jovanović, Branislav Milenković, Mladen Krstić: Application of grasshopper optimization algorithm in mechanical engineering,Young Researchers Conference YOURS 2020, Institute for research and design in industry Belgrade, Serbia, September 28 2020, ISBN 978-86-84231-51-4; pp.1-5. | M63 |
| Đorđe Jovanović, Branislav Milenković: The use of FBG sensors in smart railway, 13th Student projects conference IEEESTEC, Faculty of Electronic Engineering Niš, Serbia, November 2020, ISBN 978-86-6125-230-3; pp.35-38. | M63 |
| Branislav Milenković: Parameters of quality for hydraulic system and its components,The Third International Symposium of Students SRMA 2013, Kopaonik, Serbia, September 26-28, Faculty of Mechanical and Civil Engineering Kraljevo, ISBN 978-86-82631-67-5; pp.53-57. | M63 |