

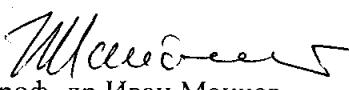
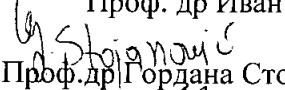
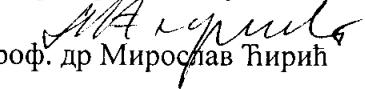
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| ПРИРУЧНИК - МАТЕМАТИЧКИ ФАКУЛТЕТ - НИШ | |
| Издавач | 25.11.2020. |
| Садржај | Продукт |
| 01 | 1014 3 |

На основу члана 121 Статута ПМФ-а одређени смо одлуком декана бр. 202/2-01 за чланове комисије за категоризацију радова M21A, M21, M22 и M23 пријављених кандидата за избор наставника. На основу приложене документације подносимо следећи извештај

| Кандидат | Бр.радова M21A | Бр.радова M21 | Бр.радова M22 | Бр.радова M23 | Укупно поена |
|---------------------|-------------------|------------------|------------------|------------------|-----------------|
| Марија Милошевић | 3 | 12 | 1 | 0 | 131 |

У прилогу се налазе бодовани радови.

У Нишу, 25. новембар 2020.


 Проф. др Иван Манчев

 Проф. др Гордана Стојановић

 Проф. др Мирослав Ђурић

Radovi u međunarodnom časopisu izuzetnih vrednosti (M21a):

[1] **Marija Milošević**, *Almost sure exponential stability of solutions to highly nonlinear neutral stochastic differential equations with time-dependent delay and the Euler-Maruyama approximation*, Mathematical and Computer Modelling 57(3-4) (2013) 887-899. [M21a]

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<https://doi.org/10.1016/j.mcm.2012.09.016>

[2] **Maja Obradović, Marija Milošević**, *Almost sure exponential stability of the θ -Euler-Maruyama method, when $\theta \in (1/2, 1)$ for neutral stochastic differential equations with time-dependent delay under nonlinear growth conditions*, Calcolo (2019) 56(2):9. [M21a]

<https://ezproxy.nb.rs:2078/article/10.1007/s10092-019-0306-7>

<https://doi.org/10.1007/s10092-019-0306-7>

[3] **Marija Milošević**, *Divergence of the backward Euler method for ordinary stochastic differential equations*, Numerical Algorithms 82(4) (2019) 1395-1407. [M21a]

<https://ezproxy.nb.rs:2078/article/10.1007/s11075-019-00661-6>

<https://doi.org/10.1007/s11075-019-00661-6>

Radovi u vrhunskom međunarodnom časopisu (M21):

[1] **Marija Milošević, Miljana Jovanović, Svetlana Janković**, *An approximate method via Taylor series for stochastic functional differential equations*, Journal of Mathematical Analysis and Applications 363(1) (2010) 128-137. [M21]

<http://www.sciencedirect.com/science/article/pii/S0022247X09006143>

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[2] **Marija Milošević, Miljana Jovanović**, *A Taylor polynomial approach in approximations of solution to pantograph stochastic differential equations with Markovian switching*, Mathematical and Computer Modelling 53(1-2) (2011) 280-293. [M21]

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[3] **Marija Milošević, Miljana Jovanović**, *An application of Taylor series in the approximation of solutions to stochastic differential equations with time-dependent delay*, Journal of Computational and Applied Mathematics 235(15) (2011) 4439-4451. [M21]

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<http://www.sciencedirect.com/science/article/pii/S0895717711003037>
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- [5] Marija Milošević, *On the approximations of solutions to stochastic differential delay equations with Poisson random measure via Taylor series*, Filomat 27(1) (2013) 201-214. [M21]
<http://www.doiserbia.nb.rs/Article.aspx?ID=0354-51801301201M\#.VIUMUHarTIU>
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- [6] Marija Milošević, *Implicit numerical methods for highly nonlinear neutral stochastic differential equations with time-dependent delay*, Applied Mathematics and Computation 244 (2014) 741-760. [M21]
<http://www.sciencedirect.com/science/article/pii/S0096300314009990>
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<https://ezproxy.nb.rs:2055/science/article/pii/S0096300315015088>
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Radovi u međunarodnim časopisima (M22):

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