

Примљено . 28.6.2023.			
ФРГ.ЈЕЗ	Б р о ј	Прилог	Вредност
01	704/9		

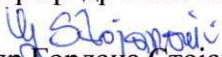
На основу члана 121 Статута ПМФ-а одређени смо одлуком декана бр. 202/2-01 за чланове комисије за категоризацију радова M21A, M21, M22 и M23 пријављених кандидата за избор наставника. На основу приложене документације подносимо следећи извештај

Кандидат	Бр.радова M21A	Бр.радова M21	Бр.радова M22	Бр.радова M23	Укупно поена
Јасмина Ђорђевић	4	7	6	1	129

У прилогу се налазе бодовани радови.

У Нишу, 19. јуни 2023.


Проф. др Иван Манчев


Проф. др Гордана Стојановић


Проф. др Мирослав Ћирић

РАДОВИ КАТЕГОРИЈЕ M21A

1. J. Đordjević, I. Papić, N. Šuvak, A two diffusion stochastic model for the spread of the new corona virus SARS-CoV-2, *Chaos, Solitons Fractals*, 148 (2021) 10991. (M21a)

<https://www.sciencedirect.com/science/article/pii/S0960077921003453?via%3Dihub>

2. J. Đordjević, A stochastic model for malaria and its behavior under insecticide-treated nets, *Studies in Applied Mathematics*, 149(3) (2022) 631–656. (M21a)

<https://onlinelibrary.wiley.com/doi/10.1111/sapm.12515>

3. J. Djordjević, Cristiana J. Silva; Dellfim F. M. Torres, A stochastic SICA epidemic model for HIV transmission, *Applied Mathematics Letters*, accepted, DOI 10.1016/j.aml.2018.05.005. (M21a)

<https://www.sciencedirect.com/science/article/pii/S0893965918301472>

4. J. Djordjević, S. Janković, Backward stochastic Volterra integral equations with additive perturbations, *Applied Mathematics and Computation*, 265 (2015), 903-910. (M21a)

<https://www.sciencedirect.com/science/article/abs/pii/S0096300315007018>

РАДОВИ КАТЕГОРИЈЕ M21

1. S. Janković, J. Djordjević, M. Jovanović, "On a class of backward doubly stochastic differential equations", *Applied Mathematics and Computation*, 217 (2011), 8754-8764, Corrigendum to On a class of backward doubly stochastic differential equations, *Appl. Math. Comput.* 218 (2012) 9033-9034. (M21)

<https://www.sciencedirect.com/science/article/abs/pii/S0096300311004966>,

<https://www.sciencedirect.com/science/article/pii/S0096300312001002?via%3Dihub>

2. S. Janković, M. Jovanović, J. Djordjević, Perturbed backward stochastic differential equations, *Mathematical and Computer Modeling*, 55 (2012), 1734-1745. (M21)

<https://www.sciencedirect.com/science/article/pii/S0895717711007035?via%3Dihub>

3. J. Djordjević, S. Janković, On a class of backward stochastic Volterra integral equations, *Applied Mathematics Letters*, 26 (2013), 1192-1197. (M21)

<https://www.sciencedirect.com/science/article/pii/S0893965913002267?via%3Dihub>

4. J. Djordjević, S. Janković, Reflected backward stochastic differential equations with perturbations, Journal Discrete and Continuous Dynamical System - A, 38(4)(2018) 1833-1848. (M21)

(<https://www.aims sciences.org/article/doi/10.3934/dcds.2018075>)

5. J. Đordjević, S. Konjik, D. Mitrović, A. Novak, Global Controllability for Quasi-linear

Non-negative Definite System of ODEs and SDEs, Journal of optimization theory and applications, (2021), 190(1) 316–338. (M21)

(<https://dl.acm.org/doi/abs/10.1007/s10957-021-01886-z>)

6. J. Đorđević, B. Jovanovic, Dynamical analysis of a stochastic delayed epidemic model with Levy jumps and regime switching, Journal of the Franklin Institute, 360(2) (2023) 1252–1283. (M21)

(<https://www.sciencedirect.com/science/article/pii/S0016003222008791?via%3Dihub>)

7. J. Djordjević, On a class of backward doubly stochastic differential equations with continuous coefficients, IMA Journal of Applied Mathematics, 81 (2016), 26-41. (M21)

(<https://ezproxy.nb.rs:2104/imamat/article/abstract/81/1/26/2363481?redirectedFrom=fulltext>)

РАДОВИ КАТЕГОРИЈЕ M22

1. J. Djordjević, Lp-estimates of solutions of backward doubly stochastic differential equations, Filomat 31:8 (2017) 2356-2379. (M22)

(<http://www.doiserbia.nb.rs/Article.aspx?ID=0354-51801708365D>)

2. J. Đordjević, C. J. Silva, A stochastic analysis of the impact of fluctuations in the environment on pre-exposure prophylaxis for HIV infection, Soft Computing, 25 (2021) 6731–6743. (M22)

(<https://link.springer.com/article/10.1007/s00500-019-04611-1>)

3. J. Đordjević, Some analytic approximations for backward stochastic differential equations, Filomat 34:7 (2020), 2235–2251. (M22)

<https://journal.pmf.ni.ac.rs/filomat/index.php/filomat/article/view/11430>

4. B. Jovanović, J. Đorđević, J. Manojlović, N. Šuvak, Analysis of stability and sensitivity of deterministic and stochastic models for the spread of the new corona virus SARS-CoV-2, *Filomat*, 35(3) (2021) 1045–1063. (M22)

<https://doiserbia.nb.rs/Article.aspx?id=0354-51802103045J>

5. A. Aman, H. Coulibaly, J. Đorđević, Forward backward stochastic differential equations with delayed generators, *Stochastics and Dynamics*, 23(2) 2350012 (2023). (M22)

<https://www.worldscientific.com/doi/abs/10.1142/S0219493723500120>

6. J. Đorđević, Backward Doubly Stochastic Integral Equations of the Volterra Type and Some Related Problems, *Communications in Mathematics and Statistics*, accepted, 2023. (M22).

РАДОВИ КАТЕГОРИЈЕ M23

1. J. Đorđević, K. Rognlien Dahl, Stochastic optimal control of pre-exposure prophylaxis for HIV infection, *Mathematical Medicine and Biology: A Journal of the IMA*, 39(3) (2022) 197–225. (M23)

<https://academic.oup.com/imammb/article/39/3/197/6590971?login=false>