

Примљено, 17. 6. 2020.

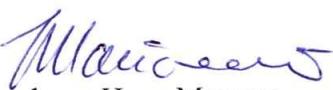
ОФЛ.ЈЕД.	Б р о ј	Прилог	Вредност
04	203	3	

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

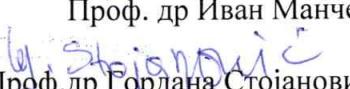
Кандидат	Бр.радова M21A	Бр.радова M21	Бр.радова M22	Бр.радова M23	Укупно поена
Александар Настић	1	2	6	12	92

У прилогу се налазе бодовани радови.

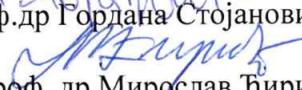
У Нишу, 17. јун 2020.



Проф. др Иван Манчев



Проф.др Гордана Стојановић



Проф. др Мирослав Ђирић

### **Радови категорије M<sub>21a</sub> - 10 бодова**

1. A. S. Nastić, M. M. Ristić, H. S. Bakouch (2012) A combined geometric INAR(p) model based on negative binomial thinning, Mathematical and Computer Modelling, вол. 55, бр. 5-6, стр. 1665-1672., (M<sub>21a</sub>, IF=1.420)  
<https://doi.org/10.1016/j.mcm.2011.10.080>

### **Радови категорије M<sub>21</sub> - 8 бодова**

1. P.N. Laketa , A. S. Nastić, M. M. Ristić (2018) Generalized random environment INAR models of higher order, Mediterranean Journal of Mathematics, вол. 15, бр.1, редни број чланка 9., (M<sub>21</sub>, IF=1.181)  
<https://doi.org/10.1007/s00009-017-1054-z>
2. M. M. Ristić, A. S. Nastić, K. Jayakumar, H. S. Bakouch (2012) A bivariate INAR(1) time series model with geometric marginals, Applied Mathematics Letters, вол. 25, бр. 3, стр. 481-485. (M<sub>21</sub>, IF=1.501)  
<https://doi.org/10.1016/j.aml.2011.09.040>

### **Радови категорије M<sub>22</sub> - 5 бодова**

1. P. M. Popović, P. N. Laketa, A. S. Nastić (2019) Forecasting with two generalized integer-valued autoregressive processes of order one in the mutual random environment, SORT Statistics and Operations Research Transactions, вол. 43, бр.2, стр. 355–384. DOI:10.2436/20.8080.02.92 (M<sub>22</sub>, IF=1.125)  
<https://www.idescat.cat/sort/sort432/43.2.8.popovic-etal.pdf>
2. A. S. Nastić, M. M. Ristić, Ana D. Janjić (2017) *A mixed thinning based geometric INAR(1) model*, Filomat, вол. 31, бр. 13, стр. 4009–4022. (M<sub>22</sub>, IF= 0.635)  
<https://doi.org/10.2298/FIL1713009N>
3. A. S. Nastić, P.N. Laketa, M. M. Ristić (2016) Random Environment Integer-Valued Autoregressive process, Journal of Time Series Analysis, вол.37, бр. 2, стр. 267–287. (M<sub>22</sub>, IF=0.975)  
<https://doi.org/10.1111/jtsa.12161>

4. P. M. Popović, M. M. Ristić, A. S. Nastić (2016) A geometric bivariate time series with different marginal parameters, Statistical Papers, вол. 57, бр.3, стр. 731-753. (M22, IF=0.727)  
<https://doi.org/10.1007/s00362-015-0677-z>
5. M. M. Ristić, A. S. Nastić, A. V. Miletić-Ilić (2013) A geometric time series model with dependent Bernoulli counting series, Journal of Time Series Analysis, вол. 34, бр. 4, стр. 466-476. (M22, IF=0.808)  
<https://doi.org/10.1111/jtsa.12023>
6. M. M. Ristić, A. S. Nastić (2012) A mixed INAR(p) model, Journal of Time Series Analysis вол. 33, бр. 6, стр. 903–915. (M22, IF=0.787)  
<https://doi.org/10.1111/j.1467-9892.2012.00806.x>

#### **Радови категорије M<sub>23</sub> - 3 бода**

1. M. M. Ristić, M. Bourguignon, A. S. Nastić (2019) Zero-Inflated NGINAR(1) process, Communications in Statistics - Theory and Methods, вол. 48, бр. 3, стр. 726-741. (M23, IF =0.424)  
<https://doi.org/10.1080/03610926.2018.1435808>
2. A. S. Nastić, P.N. Laketa, M. M. Ristić (2019) Random environment INAR models of higher order, RevStat: Statistical Journal, вол. 17, бр. 1, стр. 35–65. (M23, IF=0.365)  
[https://www.ine.pt/revstat/pdf/REVSTAT\\_v17-n1-3.pdf](https://www.ine.pt/revstat/pdf/REVSTAT_v17-n1-3.pdf)
3. A. V. Miletić-Ilić , M. M. Ristić, A. S. Nastić, H. S. Bakouch (2018) An INAR(1) model based on a mixed dependent and independent counting series, Journal of Statistical Computation and Simulation, вол. 88, бр. 2, стр. 290-304. (M23, IF=0.767)  
<https://doi.org/10.1080/00949655.2017.1388380>
4. P. M. Popović , A. S. Nastić, M. M. Ristić (2018) Residual Analysis with Bivariate INAR(1) models, RevStat: Statistical Journal, вол. 16, бр. 3, стр. 349–363. (M23, IF=0.365)  
[https://www.ine.pt/revstat/pdf/REVSTAT\\_v16-n3-5.pdf](https://www.ine.pt/revstat/pdf/REVSTAT_v16-n3-5.pdf)
5. A.S. Nastić, M. M. Ristić, A. V. Miletić-Ilić (2017) A geometric time series model with an alternative dependent Bernoulli counting series, Communications in Statistics - Theory and Methods, вол. 47, бр. 2, стр. 770-785. (M23, IF=0.353)  
<https://doi.org/10.1080/03610926.2015.1005100>

6. **A. S. Nastić**, M. M. Ristić, M. Djordjević (2016) An INAR model with discrete Laplace marginal distributions, Brazilian Journal of Probability and Statistics, вол. 30, бр. 1, стр. 107–126. DOI: 10.1214/14-BJPS262 (M23, IF=0.419)  
<https://projecteuclid.org/euclid.bjps/1453211805>
7. **A. S. Nastić**, M. M. Ristić, P. M. Popović (2016) Estimation in a Bivariate Integer-Valued Autoregressive Process, Communications in Statistics - Theory and Methods, вол. 45, бр. 19, стр. 5660 - 5678. (M23, IF=0.311)  
<https://doi.org/10.1080/03610926.2014.948203>
8. **A. S. Nastić**. (2012), On shifted geometric INAR(1) models based on geometric counting series, Communications in Statistics - Theory and Methods, вол. 41, бр. 23, стр. 4285-4301. (M23, IF=0.298)  
<https://doi.org/10.1080/03610926.2011.573164>
9. **A. S. Nastić**, M. M. Ristić (2012) Some geometric mixed integer-valued autoregressive (INAR) models, Statistics and Probability Letters, вол. 82, бр. 4, стр. 805-811. (M23, IF=0.531)  
<https://doi.org/10.1016/j.spl.2012.01.007>
10. M. M. Ristić, **A. S. Nastić**, H. S. Bakouch (2012) Estimation in an integer-valued autoregressive process with negative binomial marginals (NBINAR(1)), Communications in Statistics - Theory and Methods, вол. 41, бр. 4, стр. 606-618. (M23, IF=0.298)  
<https://doi.org/10.1080/03610926.2010.529528>
11. M. M. Ristić, H. S. Bakouch, **A. S. Nastić** (2009) A New Geometric First-Order Integer-Valued Autoregressive (NGINAR(1)) Process, Journal of Statistical Planning and Inference, вол. 139, бр. 7, стр. 2218-2226. (M23, IF=0.725)  
<https://doi.org/10.1016/j.jspi.2008.10.007>
12. M. M. Ristić, B. Č, Popović, **A. Nastić**, M. Djordjević (2008), A bivariate Marshall and Olkin exponential minification process, Filomat , вол. 22, бр.1, стр. 69-75. (M23, IF=0.101). <http://operator.pmf.ni.ac.rs/www/pmf/publikacije/filomat/2008/22-1-2008/f22-1-7.pdf>