|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name and family name | | | | | | | | Danijela Z. Rajter-Ćirić | | | | |
| Title | | | | | | | | Full Professor | | | | |
| Name of the institution employing the teacher full-time or part-time, since when | | | | | | | | Faculty of Sciences, University of Novi Sad, full time, since 1996, | | | | |
| A narrow scientific or artistic field | | | | | | | | Analysis and Probability | | | | |
| Academic career | | | | | | | | | | | | |
|  | | | | Year | Institution | | | | Scientific or art field | | Narrow scientific, art or vocational field | |
| Full professor | | | | 2012 | Faculty of Sciences, University of Novi Sad | | | | Mathematics | | Analysis and Probability | |
| PhD | | | | 2002 | Faculty of Sciences, University of Novi Sad | | | | Mathematics | | Analysis and Probability | |
| Master degree | | | | 1999 | Faculty of Sciences, University of Novi Sad | | | | Mathematics | | Analysis and Probability | |
| Bachelor degree | | | | 1996 | Faculty of Sciences, University of Novi Sad | | | | Mathematics | | Mathematics | |
| **List of subject the teacher has been accredited for in the first or the second degree of studies** | | | | | | | | | | | | |
| No. | Code of the subject | | Name of the subject | | | | Model of teaching | | | Name of the study program | | Type of studies |
| 1. | М117 | | Probability | | | | lectures | | | М | | Bachelor |
| 2. | М517 | | Probability | | | | exercises | | | М5 | | Bachelor |
| 3. | П401 | | Probability | | | | lectures | | | МАP | | Bachelor |
| 4. | МB03 | | Stochastic analysis | | | | lectures | | | МB, МА | | Master |
| 5. | МDS02 | | Stochastic processes | | | | lectures | | | МDS | | Master |
| 6. | MW0002 | | Stochastic processes | | | | lectures | | | Artificial intelligence | | Master |
| 7. | MW0006 | | Master thesis - Research | | | | lectures | | | Artificial intelligence | | Master |
| 8. | MW0007 | | Master thesis | | | | lectures | | | Artificial intelligence | | Master |
| 9. | MW0011 | | Practical work | | | | lectures | | | Artificial intelligence | | Master |
| **Representative references (minimum 5, maximum 10)** | | | | | | | | | | | | |
|  | | Japundžić M., **Rajter-Ćirić D**., A Nonlinear Stochastic Heat Equation with Variable Thermal Conductivity ad multiplicative noise, *Journal of Pseudo-differential Operators, and Applications,* 13(2), 2022. | | | | | | | | | | |
|  | | Japundžić M., **Rajter-Ćirić D**., Fractional Nonlinear Stochastic Heat Equation with Variable Thermal Conductivity, *Fractional Calculus and Applied Analysis,* 23(6), 1762-1782, 2020. | | | | | | | | | | |
|  | | Japundžić, M., **Rajter-Ćirić, D.,***Approximate solutions of time and time-space fractional wave equations with variable coefficients,* Applicable Analysis 97, 1565-1590, 2018. | | | | | | | | | | |
|  | | Japundžić M., **Rajter-Ćirić D**., Generalized uniformly continuous solution operators and inhomogeneous fractional evolution equations with variable coefficients, *Electronic Journal of Differential Equations,* 2017(293), 1-24, 2017. | | | | | | | | | | |
|  | | Japundžić M., **Rajter-Ćirić D**., Reaction-Advection-Diffusion Equations with Space Fractional Derivatives and Variable Coefficients on Infinite Domain, *Fractional Calculus and Applied Analysis,* 18(4), 911-950, 2015. | | | | | | | | | | |
|  | | Atanacković T., Nedeljkov M., Pilipović S., **Rajter-Ćirić D**., Dynamics of a Fractional Derivative Type of a Viscoelastic Rod with Random Exication*, Fractional Calculus and Applied Analysis,* 18(5), 1232-1251, 2015. | | | | | | | | | | |
|  | | **Rajter-Ćirić, D.,** Stojanović, M., *Fractional derivatives of multidimensional Colombeau generalized stochastic processes*, Fract. Calc. Appl. Anal. 16, 949-961, 2013. | | | | | | | | | | |
|  | | **Rajter-Ćirić, D.,** Seleši, D., *Nonlinear stochastic differential equations containing generalized delta processes*, Monatsh.Math. 168, 75-112, 2012. | | | | | | | | | | |
|  | | **Rajter-Ćirić, D.,***Fractional derivatives of Colombeau generalized stochastic processes defined on R+,* Appl. Anal. Discrete Math. 5, 283-297, 2011. | | | | | | | | | | |
|  | | Oberguggenberger, M., **Rajter-Ćirić, D.,***Stochastic differential equations driven by generalized positive noise*, Publ. Inst. Math. 77 (91), 7-19, Beograd, 2005. | | | | | | | | | | |
| **Cumulative information about teachers scientific, art or vocational activity** | | | | | | | | | | | | |
| Total number of citations | | | | | | 21 (SCOPUS) | | | | | | |
| Total number of papers from the SCI (SSCI) list | | | | | | 14 | | | | | | |
| Current participation in projects | | | | | | National: 1 | | | International : 1 | | | |
| Specializations | | | | | Institut für Technische Mathematik, Geometrie und Bauinformatik, Innsbruck, Austria, oktobar 2000 - jun 2001 (ÖAD stipendija). | | | | | | | |
| Other relevant information | | | | | Referee of *Mathematical Reviews*. | | | | | | | |