|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name and family name** | | | | | | | Nataša Krejić | | | | | | |
| **Title** | | | | | | | Full professor | | | | | | |
| **Name of the institution employing the teacher full-time or part-time, since when** | | | | | | | Faculty of Sciences, Novi Sad, 1990 | | | | | | |
| **A narrow scientific or artistic field** | | | | | | | Mathematics | | | | | | |
| **Academic carrier** | | | | Year | Institution | | | | | Scientific or art field | | Narrow scientific, art or vocational field | |
| Election to a title | | | | 2004 | Faculty of Sciences, Novi Sad | | | | | Mathematics | | Numerical Mathematics | |
| Doctorate | | | | 1994 | Faculty of Sciences, Novi Sad | | | | | Mathematics | | Numerical Mathematics | |
| Magistratura | | | | 2006 | Faculty of Sciences, Novi Sad | | | | | Mathematics | | Numerical Mathematics | |
| Diploma | | | | 2001 | Faculty of Sciences, 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. | МB02 | Numerical analysis 2 | | | | | | lectures | | | MB,MA | | МAS |
| 2. | МB11 | Financial Mathematics 2 | | | | | | lectures | | | МB | | МAS |
| 3. | МDS04 | Fundamentals of numerical optimization | | | | | | lectures | | | МDS | | МAS |
| 4. | MW0106 | Numerical linear algebra 2 | | | | | | lectures | | | Вештачка интелигенција | | МAS |
| 5. | MW0003 | Fundamentals of numerical optimization | | | | | | lectures | | | Вештачка интелигенција | | МAS |
| 6. | MW0006 | Master thesis - research | | | | | | lectures | | | Вештачка интелигенција | | МAS |
| 7. | MW0007 | Master thesis | | | | | | lectures | | | Вештачка интелигенција | | МAS |
| 8. | MW0011 | Practical work | | | | | | lectures | | | Вештачка интелигенција | | МAS |
| **Representative references (minimum 5, maximum 10)** | | | | | | | | | | | | | |
| 1 | Jakovetić, D., Krejić, N., Krklec Jerinkić, N., EFIX: Exact Fixed Point Methods for Distributed Optimization, Journal of Global Optimization, 2022. M21, https://doi.org/10.1007/s10898-022-01221-4 | | | | | | | | | | | | |
| 2 | Savić, M., Atanasijević, J., Jakovetić, D., Krejić, N., Tax Evasion Risk Management Using a Hybrid Unsupervised Outlier Detection Method, EXPERT SYSTEMS WITH APPLICATIONS, (2022), vol. 193, M21a, https://doi.org/10.1016/j.eswa.2021.116409 | | | | | | | | | | | | |
| 3 | Jakovetić, D., Krejić, N., Krklec Jerinkić, N., Malaspina, G., Micheletti, A., Distributed fixed point method for solving systems of linear algebraic equations, AUTOMATICA, M21, vol. 134, (2021),https://doi.org/10.1016/j.automatica.2021.109924 | | | | | | | | | | | | |
| 4 | Birgin, E.G., Krejić, N.,Martínez, J.M.,Iteration and evaluation complexity on the minimization of functions whose computation is intrinsically inexact,Mathematics of Computation 89 (2020), 253-278, M21 https://doi.org/10.1090/mcom/3445 | | | | | | | | | | | | |
| 5 | Bellavia, S., Krejić, N., Morini, B.,Inexact restoration with subsampled trust-region methods for finite-sum minimization, Computational Optimization and Applications 76(3), (2020), 701-736,M21, https://doi.org/10.1007/s10589-020-00196-w | | | | | | | | | | | | |
| 6 | Bellavia, S.,Krejić, N., Krklec Jerinkić, N., Subsampled Inexact Newton Methods for minimizing large sums of convex functions, M21, IMA J. Numer. Anal. 40,4 (2020), 2309-2341,DOI:[10.1093/IMANUM/DRZ027](https://doi.org/10.1093/IMANUM%2FDRZ027) | | | | | | | | | | | | |
| 7 | Krejić, N., Krklec Jerinkić, N., Spectral Projected Gradient Method for Stochastic Optimization, *Journal of Global Optimization* 73,1 (2019), 59-81, M21, https://doi.org/10.1007/s10898-018-0682-6 | | | | | | | | | | | | |
| 8 | Bajović, D., Jakovetić, D., Krejić, N., Krklec Jerinkić, N., Newton-like method with diagonal correction for distributed optimization, SIAM J. Optimization, Vol. 27 No.2 (2017), 1171-1203, M21a, https://doi.org/10.1137/15M1038049 | | | | | | | | | | | | |
| 9 | Krejić, N., Martinez, J.M., Inexact Restoration approach for minimization with inexact evaluation of the objective function, Mathematics of Computations, 85, 300 (2016), 1775-1791, M21, http://dx.doi.org/10.1090/mcom/3025 | | | | | | | | | | | | |
| 10 | Kumaresan, M., Krejić, N., Optimal Trading of Algorithmic Orders in a Liquidity Fragmented Market Place, Annals of Operations Research 229 (2015), 521-540, M22, DOI: 10.1007/s10479-015-1815-7 | | | | | | | | | | | | |
| **Cumulative information about teachers scientific, art or vocational activity** | | | | | | | | | | | | | |
| Total number of citations | | | | | | 403(SCOPUS) | | | | | | | |
| Total number of papers from the SCI (SSCI) list | | | | | | 56 | | | | | | | |
| Current participation in projects | | | | | | Domestic 2 | | | International 4 | | | | |
| Specializations | | |  | | | | | | | | | | |
| **Other information you may consider important:** President of the European Consortium for Mathematics, 2021-2023 | | | | | | | | | | | | | |