|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name and family name** | | | Vladimir Kostić | | | | | | | |
| **Title** | | | Associated Professor | | | | | | | |
| **Narrow scientific area** | | | Numerical mathematics | | | | | | | |
| **Academic career** | | **Year** | **Institution** | | | **Narrow scientific field or art field** | | | | |
| Election to the title | | 2016 | Faculty of Science, University of Novi Sad | | | Numerical mathematics | | | | |
| PhD | | 2010 | Faculty of Science, University of Novi Sad | | | Numerical mathematics | | | | |
| Master degree | | 2009 | Faculty of Science, University of Novi Sad | | | Numerical mathematics | | | | |
| Master diploma | |  |  | | |  | | | | |
| Diploma | | 2003 | Faculty of Science, University of Novi Sad | | | Numerical mathematics | | | | |
| **A list of dissertations-doctoral art projects in which the teacher is or was a mentor in the past 10 years** | | | | | | | | | | |
| No. | Title of the dissertation – doctoral art project | | | Name of the candidate | | | \*submitted | | \*\* defended | |
| 1. | New Indicators of Stability of Empirical Food Webs | | | Dragana Cvetković | | |  | | 2017 | |
| 2. | Geršgorin-type localizations for Nonlinear Eigenvalue Problems | | | Dragana Gardašević | | |  | | 2018 | |
| 3. | Algorithms for Computing the Optimal Geršgorin-type Localizations | | | Srđan Milićević | | | 2019 | |  | |
| \* Year in which the dissertation-doctoral art project was submitted (for dissertations-doctoral art projects in progress) \*\* The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period) | | | | | | | | | | |
| **Categorization of the publication of scientific papers in the field of the given study program according to the classification of the relevant Ministry of Education, Science and Technological Development and in accordance with the additional requirements of the standard for the given field (minimum 5 not more than 20)** | | | | | | | | | | |
| **1.** | V. Kostić, A. Międlar and Lj. Cvetković, An algorithm for computing minimal Geršgorin sets, Numerical Linear Algebra with Applications, 23(2), 272-290 (2016) | | | | | | | | | M21a |
| **2.** | V. Kostić, Lj. Cvetković and D. Cvetković, Improved stability indicators for empirical food webs, Ecological Modeling 320, 1-8 (2016) | | | | | | | | | M22 |
| **3.** | V. Kostić, Lj. Cvetković and D. Cvetković, Pseudospectra localizations and their applications, Numerical Linear Algebra with Applications 23(2), 356-372 (2016) | | | | | | | | | M21a |
| **4.** | D. Mihailović, V. Kostić, G. Mimić and Lj. Cvetkovć, Stability analysis of turbulent heat exchange over the heterogeneous environmental interface in climate models, Applied Mathematics and Computation 265, 79-90 (2015) | | | | | | | | | M21a |
| **5.** | V. Kostić, A. Międlar and J. Stolwijk, On matrix nearness problems: distance to delocalization, SIAM. J. Matrix Anal. & Appl. 36(2), 435–460 (2015) | | | | | | | | | M21a |
| **6.** | V. Kostić, On general principles of eigenvalue localizations via diagonal dominance, Advances in Computational Mathematics 41, 55–75 (2015) | | | | | | | | | M21 |
| **7.** | J. Aleksić, V. Kostić and M. Žigić, Spectrum localizations for matrix operators on lp spaces, Applied Mathematics and Computation 249, 541–553 (2014) | | | | | | | | | M21a |
| **8.** | Lj. Cvetković, A. Hadjidimos and V. Kostić, On the choice of parameters in MAOR type splitting methods for the linear complementarity problem, Numerical Algorithms 67(4), 793–806 (2014) | | | | | | | | | M22 |
| **9.** | D. T. Mihailović, V. Kostić, I. Balaž and Lj. Cvetković, Complexity and asymptotic stability in the process of biochemical substance exchange in a coupled ring of cells, Chaos Fractals and Solitones 65, 30–43 (2016) | | | | | | | | | M21a |
| **10.** | Lj. Cvetković and V. Kostić, A note on the convergence of the MSMAOR method for linear complementarity problems, Numerical Linear Algebra with Applications 9(4), 534-539 (2014) | | | | | | | | | M21a |
| **Cumulative data of scientific activity of the teacher** | | | | | | | | | | |
| Total number of citations, without self citations | | | | | **480** | | | | | |
| Total number of papers on the SCI (or SSCI) list | | | | | **35** | | | | | |
| Current participation in projects | | | | | Domestic 1 | | | International 0 | | |
| Specialization | | | | |  | | | Polytechnic University of Valencia, Spain 01.09.2006.-01.10.2006.  Technical University of Berlin, Germany 01.06.2013.-01.03.2014. | | |
| Other information you consider to be important | | | | |  | | | | | |