

Full name	Vladimir R. Kostić		
Academic appointment	Associated professor		
Name of institution providing full-time employment; employed full-time since	University of Novi Sad Faculty of Sciences, 2004		
Scientific discipline	Numerical Mathematics		
Academic career			
	Year	Institutions	Field of Study
Appointment to current position	2016	University of Novi Sad Faculty of Sciences	Mathematics
Doctorate	2010	University of Novi Sad Faculty of Sciences	Mathematics, Applied mathematics
Master of Science	2009	University of Novi Sad Faculty of Sciences	Mathematics, Applied mathematics
Diploma	2003	University of Novi Sad Faculty of Sciences	Mathematics
List of courses currently taught by the instructor			
R.B.	Course Title		Level of Study
1.	Numerical methods of linear algebra for big data 1		MSc in Mathematics
2.	Numerical methods of linear algebra for big data 2		MSc in Mathematics
3.	Program packages for data analysis		BSc in mathematics
4.	Statistical methods and program packages in ecology		MSc in Ecology
5.	Mathematical and statistical methods in biology research		PhD in Biology
Key Publications (min. 5, not more than 10)			
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)		
2.	D. Mihailović, V. Kostić, G. Mimić and Lj. Cvetković, Stability analysis of turbulent heat exchange over the heterogeneous environmental interface in climate models, Applied Mathematics and Computation 265, 79-90 (2015)		
3.	V. Kostić, Lj. Cvetković and D. Cvetković, Pseudospectra localizations and their applications, Numerical Linear Algebra with Applications 23(2), 356-372 (2016)		
4.	V. Kostić, Lj. Cvetković and D. Cvetković, Improved stability indicators for empirical food webs, Ecological Modeling 320, 1-8 (2016)		
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)		
6.	V. Kostić, On general principles of eigenvalue localizations via diagonal dominance, Advances in Computational Mathematics 41, 55-75 (2015)		
7.	J. Aleksić, V. Kostić and M. Žigić, Spectrum localizations for matrix operators on lp spaces, Applied Mathematics and Computation 249, 541-553 (2014)		
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)		
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)		
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)		
Summary of the instructor's scientific achievements			
Total citations (excluding self-citations)		484	
Total number of publications on SCI or SSCI list		33	
Current Scientific Projects		National	International
Specializations:	Polytechnic University of Valencia, 01.09. - 01.10. 2006; Technial University of Berlin, 01.06.2013. - 01.03.2014.		