

Curriculum Vitae

Bogdan D. Djordjević

PERSONAL INFORMATION:

Name: Bogdan D. Djordjević

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Birth date: 05.05. 1993.

Birth place: Leskovac, Serbia.

EDUCATION:

BA: Faculty of Science and Mathematics, University of Niš, Serbia, 2012–2015 (perfect GPA 10/10).

MA: Faculty of Science and Mathematics, University of Niš, Serbia, 2015–2017 (perfect GPA, 10/10).

Master Thesis: Solving Sylvester matrix equation (in Serbian), mentor: dr Nebojša Dinčić, Associate professor at Department of Mathematics, Faculty of Science and Mathematics University of Niš, Serbia.

PhD studies: PhD School of Mathematics, Faculty of Science and Mathematics, University of Niš, Serbia, 2017–present (at the moment, perfect GPA 10/10).

WORK POSITION:

Research assistant: (2018-present) at Department of Mathematics, Faculty of Science and Mathematics, University of Niš, Serbia, grant. no. 174007.

Volunteer: (2015-present) at Faculty of Science and Mathematics, University of Niš, as teaching assistant in following courses: Mathematical Analysis 1 (BA Mathematics), Mathematical Analysis 2 (BA Mathematics), Mathematics (BA Chemistry), Introduction to Complex Analysis (BA Mathematics).

PROFESSIONAL AND SCIENTIFIC EXPERIENCE:

List of publications:

1. **B D Djordjević.** *The singular Values of $A + B$ and $\alpha A + \beta B$* , Analele Stiintifice ale Universitatii Al I Cuza din Iasi - Matematica LXII, f.2, vol.3 (2016) 737–743

[https://www.math.uaic.ro/annalsmath/pdf-uri%20anale/F2-3\(2016\)/Djordjevic_Bogdan.pdf](https://www.math.uaic.ro/annalsmath/pdf-uri%20anale/F2-3(2016)/Djordjevic_Bogdan.pdf)

2. **B D Djordjević** and N Č Dinčić. *Solving the operator equation $AX - XB = C$ with closed A and B* , Integral Equations and Operator Theory (M20) 90:51 (2018)

<https://link.springer.com/article/10.1007/s00020-018-2473-3>

3. **B D Djordjević.** *Operator algebra generated by an element from the module $\mathcal{B}(V_1, V_2)$* , Complex Analysis and Operator Theory (M20) (2019)

DOI: <https://doi.org/10.1007/s11785-019-00899-x>

4. **B D Djordjević** and N Č Dinčić. *Classification and approximation of solutions to Sylvester matrix equation*, Filomat M(20) (2019), to appear.

List of conferences:

1. GFTA 2015, Ohrid, Macedonia, talk title: *Singular values of some matrix pencils.*

2. Algebra, Analysis with Applications 2018, Ohrid, Macedonia, talk title: *Some operator equations and algebras generated by them.*

3. Second annual seminar on topology of configurational spaces 2018, Mathematical Institute Belgrade, talk title: *Solving Sylvester operator equation and its applications.*

4. IWOTA 2019, Lisbon, Portugal, talk title: *On operator algebra generated by the general solution of Sylvester equation.*

AWARDS AND STIPENDS:

- An award from University of Niš for being the Honoring student at Faculty of Science and Mathematics, University of Niš, class of 2017.
- An award for the best master thesis in the field of Mathematics, Mechanics and Informatics, 2017, given by Serbian Academy of Science and Arts.

- Stipend of the Foundation Dositej Obradović in school year 2014/2015 for being in the top 800 nation-wide senior-year students (BA).
- Stipend of the Foundation Dositej Obradović in school year 2016/2017 for being in the top 400 nation-wide senior-year students (MA).

SOCIAL NETWORKS:

ResearchGate profile: https://www.researchgate.net/profile/Bogdan_Djordjevic

LinkedIn profile: <https://www.linkedin.com/in/bogdan-djordjevic-349a4860/>

Institutional webpage: <https://www.pmf.ni.ac.rs/nastavnici-i-saradnici/?idz=715>