

# Curriculum Vitae of Marko Kostadinov

**Name:** Marko Kostadinov

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## Education:

**Ph.D. Department of Mathematics**, Faculty of Science and Mathematics, University of Niš, 2015.-in progress

**M. S. Department of Mathematics**, Faculty of Science and Mathematics, University of Niš, 2013.-2015.

**B. S. Department of Mathematics**, Faculty of Science and Mathematics, University of Niš, 2010.-2013.

## Work experience:

**Teaching assistant**, Faculty of Mechanical Engineering, University of Niš, Serbia, 2020.-

**Research associate**, Faculty of Science and Mathematics, University of Niš, Serbia, 2018.-2020.

**Mathematics teacher**, specialized class for students gifted in physics “Svetozar Marković” High School, 2019.-2020.

## Research interests:

Functional Analysis, Operator Theory, Generalized Inverses.

## List of publications:

1. Dragana S. Cvetković-Ilić, **Marko Kostadinov**, Invertibility of linear combinations in  $\mathcal{B}(\mathcal{H})$ , Linear and Multilinear Algebra, 66 (11) (2018), 2139-2150. doi.org/10.1080/03081087.2017.1388354
2. Dragana S. Cvetković-Ilić, **Marko Kostadinov**, Consistency in invertibility and Fredholmness of operator matrices, Journal of Spectral Theory, 9 (2019), 635–649. DOI 10.4171/JST/258
3. **Marko Kostadinov**, A note on operators consistent in invertibility, Facta Universitatis, Series: Mathematics and Informatics, 34(3) (2019), 429–438. DOI: <https://doi.org/10.22190/FUMI1903429K>
4. **Marko Kostadinov**, Operator matrix representations of the generalized Bott-Duffin inverse, Bulletin of the Iranian Mathematical Society, 47(1), 523-533 (2021) DOI: 10.1007/s41980-020-00396-4
5. **Marko Kostadinov**, Injectivity of linear combinations in  $\mathcal{B}(\mathcal{H})$ , The Electronic Journal of Linear Algebra (ELA), 37, (2021) 359-369. <https://doi.org/10.13001/ela.2021.5049>

## Research projects:

China-Serbian Bilateral Research Project: The theory of tensor, operator matrices and applications

Project leader in Serbia: Dragana Cvetković-Ilić, Project leader in China: Yimin Wei, Fudan University, Shanghai, China. Duration: 2018-2020

“Problems of Non-linear Analysis, Operator Theory, Topology and applications” (174026), Serbian Ministry of Education, Science and Technological Development. Duration: 2018.-2020.

**Non-research projects:**

Enhancement of HE research potential contributing to further growth of the WB region, 561586-EPP-1-2015-1-RS-EPPKA2-CBHE-JP, Erasmus+ Capacity building, Duration: 2015.

**Conferences and workshops:**

The International Conference on Generalized Inverse and its Applications, Hubei Normal University, 26.10.2019.

Workshop on generalized inverses, Hubei Normal University, China, October 2019