

MIRNA UDOVICIC



Personal Data

Date of Birth: 03. 10. 1975.

Nationality: Bosnian

Marital status: Single

Address: Vojnicko Polje,
Sarajevo, Bosnia and Herzegovina

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Work Experience

**University of Sarajevo, Sarajevo School of Science and Technology,
Sarajevo, Bosnia**

Designation: Professor of Mathematics

Date: October 2015-Present

Previous Work Experience

**University of Tuzla, Faculty of Natural Sciences and Mathematics (PMF),
Tuzla, Bosnia**

June 2007- March 2013 Professor of Mathematics

June 2003- June 2007 Assistant Professor of Mathematics

Engaged as a professor in the following subjects (SSST, Sarajevo):

- **Calculus**
- **Selected Topics in Mathematics**
- **Discrete Mathematics**
- **Statistics**

Engaged as a professor in the following subjects:

- **Linear Algebra 1**
- **Linear Algebra 2**
- **Elements of Mathematical Logic** (PMF: Department of Mathematics, Tuzla)

- **Mathematics 1, Mathematics 2 (Calculus and Differential Equations** are included in Mathematics 2) (Faculty of Civil Engineering, Tuzla)
- **Mathematics 1, Mathematics 2** (Faculty of Economy, Tuzla)

- **Mathematics 1, Mathematics 2** (PMF: Department of Chemistry, Tuzla)
- **Elementary Mathematics 1** (Faculty of philosophy: Teacher Education, Tuzla)

Education

2010-2014 University of Novi Sad, Faculty of Natural Sciences and Mathematics, Serbia

Doctor of Mathematics

Title of DSc degree thesis:

Algebraic Analysis of some Classes of Fuzzy Ordered Structures

2003-2007 University of Belgrade, Faculty of Mathematics, Serbia

MSc in Mathematics,

Graduated with highest possible grade: 10/10.

(Scientific discipline: Mathematical logic and theoretical computer science)

Title of MSc degree thesis:

Theory of Unification and its Application in Quantifier Elimination

1994-2002 University of Belgrade, Faculty of Mathematics, Serbia

Bachelors of Mathematics

1990-1994 Mathematical Gymnasium, Belgrade, Serbia

High school for special talents in mathematics, physics and computer science

Scientific Papers

Sci List

- "**Fuzzy posets with fuzzy order applied to fuzzy ordered groups**", B.Šešelja, A.Tepavčević, M.Udovičić, Filomat, 2014.
- "**Fuzzy chains, fuzzy lattices and fuzzy lattice ordered groups**", B.Šešelja, A.Tepavčević, M.Udovičić, J. of Intelligent and Fuzzy Systems, 2013.
- "**A certain class of quadratures with even Tchebychev weights**", Z.Udovičić, M.Udovičić, Analele Stiintifice Ale Universitatii Ovidius Constanta, 2011.

Publications and Presentations

- "**Quantifier Elimination-Algorithms and Applications**", M.Milošević, D.Doder, M.Udovičić, F.Marić, Proc. 2nd Serbian-Hungarian Joint Symposium on Intelligent Systems, Subotica 2004

Languages

Bosnian (native); **English** (fluent)

Technical Skills

Windows
Programming ability in Pascal, C++ and Matematica

Strengths

- Responsible, reliable and loyal
- Able to create a positive learning environment
- Especially interested in work with young people, pupils and students
- Willing to work in a team, also willing to work individually with students (to discuss courses, grades, behaviour, and other issues and concerns)
- Systematic and thorough approach in teaching
- Excellent pedagogical and organizational skills. Always motivated for further research.