

GENERAL INFORMATIONS

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Scientific field: Natural sciences - Mathematics

AREAS OF SCIENTIFIC AND TEACHING INTEREST

- Mathematical Analysis: mathematical inequalities, convexity, convexity generalizations, superquadratic functions
- Mathematics 2 (teaching)
- Mathematical Analysis (teaching)

MEMBERSHIPS

- Croatian Mathematical Society
- Split Mathematical Society
- Seminar on Inequalities and Applications, Faculty of Science, University of Zagreb

EDUCATION

- 2007. PhD degree in Mathematics, Faculty of Science, University of Zagreb
- 2003. MSc degree in Mathematics, Postgraduate study in Mathematics, Faculty of Science, University of Zagreb
- 1995. Graduate degree in Mathematics and Physics, FPMZOP, University of Split

WORK EXPERIENCE

- since 2024. Senior Lecturer, FCEAG, University of Split
- 2009. – 2010. Professional Associate, FPMOZ, Mostar, Bosnia and Herzegovina
- 2008. – 2024. Assistant Professor, FCEAG, University of Split
- 2007. – 2008. Senior Research Assistant, FCEAG, University of Split
- 2003. – 2007. Research Assistant, FCEAG, University of Split
- 1997. – 2003. Junior Research Assistant, FCEAG, University of Split
- 1996. – 1997. External Associate, FCEAG, University of Split
- 1995. – 1996. Teacher of Mathematics, Secondary school, Split
- 1993. – 1994. periodically as Teacher of Mathematics in IV. Gymnasium, Split

PROFESSIONAL DUTIES

- 2009. – 2014. Head of the Department of Mathematics and Physics, FCEAG, University of Split
- 2009. – 2014. member of the Promotion Board, FCEAG, University of Split
- In Committee on Geodesy and Geoinformatics Study, FCEAG, University of Split
- In Committee on Enrolment in: Undergraduate University Study of Civil Engineering and Professional Study of Civil Engineering and Undergraduate University Study of Geodesy and Geoinformatics, FCEAG, University of Split
- In Committee on Final Examinations in the Study of Geodesy and Geoinformatics, FCEAG, University of Split

SCIENTIFIC ACTIVITY

Identification number of the scientist: **220726**

<https://www.croris.hr/osobe/profil/5461>

SCIENTIFIC PROJECTS

- Since 2019. ZIU project - Researcher
- 2014. – 2018. „Inequalities and Applications“, Croatian Science Foundation grant - Researcher
- 2007. – 2011. „Konveksne funkcije i primjene“ (177-1170889-1287) - Researcher

SCIENTIFIC REVIEWS

3 reviews for international scientific journals

TEACHING ACTIVITY

Undergraduate University Study of Civil Engineering:

- Mathematics 1
- Mathematics 2

Undergraduate Professional Study of Civil Engineering:

- Mathematics

Undergraduate University Study of Geodesy and Geoinformatics:

- Vector analysis
- Mathematical analysis

Undergraduate University study of Mathematics (FPMOZ, Mostar):

- Differential and Integral Calculus 2
- Mathematics 3

UNIVERSITY TEXTBOOK

- **Matematika 1: riješeni zadaci**,
authors: Pavasović, Slobodan ; Radelja, Tonči ; **Banić, Senka** ; Milišić, Pina
Roje Bonacci, Tanja (ed.)
Faculty of Civil Engineering, University of Split, 1999. 184.