

Marko Dimovski
CURRICULIM VITAE

BASIC INFORMATION

- **Name:** Marko Dimovski
- **Date of birth:** August, 24, 1989, Skopje, Macedonia
- **Citizenship:** Macedonian
- **Title of present position:** Teaching assistant, Faculty of Natural Sciences and Mathematics, Ss. Cyril and Methodius University of Skopje, Macedonia
- **Highest degree earned:** MSc
- **Major discipline:** Applied Mathematics, Optimization
- **Research interests:** Optimization methods, Statistical modeling
- **E-mail:** mdimovski16@gmail.com
- **Web page:** <http://im-pmf.weebly.com/marko-dimovski.html>

ACADEMIC DEGREES

- October 2012, BSc in Applied Mathematics, Ss. Cyril and Methodius University, Skopje, Macedonia (BSc thesis title: Metod na triagolnici na razvoj kaj nezivotno osiguruvanje/ Chain ladder method in non-life insurance, supervizor: d-r Irena Stojkowska)
- July 2016, MSc in Mathematical Sciences and its Applications, Ss. Cyril and Methodius University, Skopje, Macedonia (MSc thesis title: Regularizacija pri optimizacija so metodot na najmali kvadrati za ocenuvanje na parametrite kaj modelite na linearna regresija / Regularized least-square optimization method for parameter estimation in the linear regression models, supervizor: d-r Irena Stojkowska)

ACADEMIC AND PROFESSIONAL POSITIONS

- (September 2014 – January 2017): Associate, Institute of Mathematics, Faculty of Natural Sciences and Mathematics, Ss. Cyril and Methodius University, Skopje, Macedonia
- (January 2017 -): Teaching assistant, Institute of Mathematics, Faculty of Natural Sciences and Mathematics, Ss. Cyril and Methodius University, Skopje, Macedonia

UNDERGRADUATE COURSES

Computer Programming, Probability, Statistics, Linear algebra, Algebra, Financial mathematics, Calculus (for chemistry and physics students)

ORGANIZATION OF EVENTS

- Second seminar *Mathematics and applications*, December 2017, Skopje, Macedonia, organized by Institute of Mathematics, Faculty of Natural Sciences and Mathematics, Skopje, Macedonia (coordinator)
<http://im-pmf.weebly.com/vtor-seminar-matematika-i-primeni.html>
- First seminar *Mathematics and applications*, December 2016, Skopje, Macedonia, organized by Institute of Mathematics, Faculty of Natural Sciences and Mathematics, Skopje, Macedonia (coordinator)
<http://im-pmf.weebly.com/prv-seminar-matematika-i-primeni.html>

ATTENDED COURSES AND WORKSHOPS

- Workshop *The 126th European Study Group with Industry*, 23-27 January 2017, Amsterdam, Netherlands, co-organized by the Korteweg – de Vries Institute for Mathematics of the University of Amsterdam and the Centrum Wiskunde and Informatica (CWI), the Dutch Centre for Mathematics and Computer Science.
- Workshop *Mathematics and predictions*, 11 May 2016, Skopje, Macedonia, organized by Department of Mathematics, Faculty of Natural Sciences and Mathematics, Skopje, Macedonia
<http://im-pmf.weebly.com/rabotilnica-matematikata-i-predviduvanjata.html>
- Intensive Course *Nonsmooth optimization and piecewise linearization*, 22-27 September 2014, Novi Sad, Serbia, in the framework of the DAAD project "Centre of Excellence for Applications of Mathematics", organized by Faculty of Sciences, Novi Sad, Serbia

PRESENTED WORK

- Second seminar *Mathematics and applications*, December 2017, Skopje, Macedonia, **M. Dimovski**, *Okamovoto secilo niz perspektivata na Bejzovata statistika / Ockham's razor in the aspect of the Bayesian statistics*
- First seminar *Mathematics and applications*, December 2016, Skopje, Macedonia, K. Novkovska, **M. Dimovski**, *Matematicki model na "francuskiot paradox"/ Mathematical model of the "French paradox"* (presented by Kristina Novkovska)
- VI Congress of Mathematicians of Macedonia, Ohrid, Macedonia, 2016, M. Kresoja, **M. Dimovski**, I. Stojkovska, Z. Luzanin, *Stochastic approximation with adaptive step sizes for optimization in noisy environment and its application in regression models* (presented by Irena Stojkovska)
- VI Congress of Mathematicians of Macedonia, Ohrid, Macedonia, 2016, **M. Dimovski**, I. Stojkovska, *Regularized least-square optimization method for variable selection in regression models*
- Workshop *Mathematics and predictions*, May 2016, Skopje, Macedonia, **M. Dimovski**, *Predviduvanje na rezervite za isplata na stetite pri nezivotno osiguruvanje*

SCIENTIFIC PUBLICATIONS

- **Marko Dimovski**, Irena Stojkovska, Regularized least-square optimization method for variable selection in regression models, *Matematski Bilten* Vol. 40 No. 4 (2016) pp. 80-100
- Milena Kresoja, **Marko Dimovski**, Irena Stojkovska, Zorana Lužanin, Stochastic approximation with adaptive step sizes for optimization in noisy environment and its application in regression models, *Matematski Bilten* Vol. 40 No. 4 (2016) pp. 62-79

POPULAR PUBLICATIONS

- **M. Dimovski**, *Zabavna matematika: Vizuelno predviduvanje*, *Matematika +*, 8 januari 2018, <https://matematika-plus.weebly.com/vizuelno-procenuvanje.html>
- **M. Dimovski**, *Procenuvanje – zosto I kako do dobri ocenki*, *Matematika +*, 2 noemvri 2017, <https://matematika-plus.weebly.com/procenuvanje-zosto-i-kako-do-dobri-procenki.html>
- **Marko Dimovski**, Предвидување на резервите за исплата на штетите при неживотно осигурување, Научно-популарни трудови од Првиот семинар „Математика и примени“, Прилог од Работилницата „Математиката и предвидувањата“ 11 мај 2016 год., *Математички омнибус 1* (2017), 137 - 150
- Kristina Novkovska, **Marko Dimovski**, Математички модел на францускиот парадокс, Научно-популарни трудови од Првиот семинар „Математика и примени“, *Математички омнибус 1* (2017), 49 – 54