

VALENTINA MIOVSKA

CURRICULIM VITAE

BASIC INFORMATION

- **Name:** Valentina Miovska
- **Date of birth:** September, 28, 1970, Skopje, Macedonia
- **Citizenship:** Macedonian
- **Title of present position:** Associate Professor
- **Highest degree earned:** Ph.D
- **Major discipline:** Algebra
- **Research interests:** Universal Algebra, (n,m) -algebraic structures
- **Address:** Department of Mathematics, Faculty of Natural Sciences and Mathematics, Arhimedova 3, 1000 Skopje, Macedonia
- **E-mail:** miovska@pmf.ukim.mk
- **Office phone:** ++389 2 3249 652

ACADEMIC DEGREES

- June 2008, Ph.D, Ss. Cyril and Methodius University, Skopje, Macedonia
- May 2002, M.Sc, Ss. Cyril and Methodius University, Skopje, Macedonia
- October 1993, B.Sc, Ss. Cyril and Methodius University, Skopje, Macedonia

ACADEMIC AND PROFESSIONAL POSITIONS

- (2013-): Associate Professor, at Faculty of Mathematics and Natural Sciences, Institute of Mathematics, Skopje
- (2008-2013): Assistant Professor, at Faculty of Mathematics and Natural Sciences, Institute of Mathematics, Skopje
- (2002-2008): Teaching and Research assistant of Mathematics at Faculty of Mathematics and Natural Sciences, Institute of Mathematics, Skopje
- (1994-2002): Teaching assistant of Mathematics at Faculty of Mathematics and Natural Sciences, Institute of Mathematics, Skopje

UNDERGRADUATE COURSES

Algebra, Algebra II, Geometrical transformations, Linear algebra, Geometry, Algebraic discrete structures

POSTGRADUATE COURSES

Selected parts of algebra, Algebraic n-ary structures, Semigroup theory, Vector valued structures, Algebraic machines

TALKS ON CONFERENCES

- International Scientific Conference, FMNS-2015, Blagoevgrad, Bulgaria, June 10-14, 2015
 - *A characterization of generalized $(m+k, m)$ -rectangular bands* (V. Miovska, D. Dimovski)
- V Congress of Mathematicians of Macedonia, Ohrid, R. Macedonia, September 23-27, 2014
 - *Free power-associative ternary groupoids* (V. Celakoska-Jordanova, V. Miovska)
- International Scientific Conference, FMNS-2013, Blagoevgrad, Bulgaria
 - *Structural Description Of Generalized $(m+k, m)$ -rectangular Bands* (V. Miovska, D. Dimovski)
- The 83rd Workshop on General Algebra & the 27th Conference of Young Algebraists, Novi Sad 2012
 - *Generalized $(m+k, m)$ -bands* (V. Miovska, D. Dimovski)
- Fourth International Conference FMNS-2011, Blagoevgrad, Bulgaria, 2011
 - *Free generalized $(2m, m)$ -rectangular bands of type $(3, 2)$* (V. Miovska, D. Dimovski)
- Mathematical Conference 2010 Dedicated to Professor Ćorgi Ćupona, Ohrid 2010
 - *Free generalized $(m+k, m)$ -bands* (V. Miovska, D. Dimovski)
- Fourth Macedonian Congress of Mathematics, Struga 2008
 - *Independence of characterizing properties of $(m+k, m)$ -rectangular bands* (V. Miovska, D. Dimovski)
- Fourth Macedonian Congress of Mathematics, Struga 2008
 - *Очекувани тенденции на бројноста и успехот на учениците-натпреварувачи по математика од средните училишта* (B. Miovska, Ć. Маркоски, A. Гацовска, Д. Лешковски)
- Mathematical Conference: 85 YEARS OF PROFESSOR BLAGOJ POPOV LIFE, Ohrid 2008
 - Independence of characterizing properties of $(m+k, m)$ -bands (V. Miovska, D. Dimovski)
- Algorithmic Complexity and Universal Algebra 2007, Szeged, Hungary [ACUA'07 Talks](#)
 - *Free $(m+k, m)$ -bands* (V. Miovska, D. Dimovski)

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- International Scientific Conference FMNS-2007, Blagoevgrad, Bulgaria
 - *Free $(m+k, m)$ -rectangular bands when $k < m$* (V.Miovska, D.Dimovski)
- Third Macedonian Congress of Mathematics, Struga 2005
 - *Characterization of $(m+k, m)$ – rectangular band when $k < m$* (D.Dimovski, V.Miovska)
- Third Macedonian Congress of Mathematics, Struga 2005
 - *Примена на GEONEXT во наставата по математика* (J. Маркоска, Ѓ. Маркоски, В. Миовска)
- Second Macedonian Congress of Mathematics, Ohrid 2000
 - *On a class of n -groupoids* (B. Janeva, V. Miovska, V. Celakoska-Jordanova)

PROJECTS

- *Algebraic and combinatorial problems with applications*, (2014-2016), project manager Acad. Donco Dimovski, Supported by Macedonian Academy of Sciences and Arts (joint project with Serbian Academy of Sciences and Arts).
- *Algebraic, topological and combinatorial problems*, (2014-2016), project manager Acad. Donco Dimovski, Supported by Macedonian Academy of Sciences and Arts.
- *Algebraic, topological and combinatorial problems*, (2010-2012, project manager Acad. Donco Dimovski, Supported by Macedonian Academy of Sciences and Arts)
- *Development of Mathematical Sciences in R.Macedonia, 1946-2010* (2008-2010, project manager Acad. Blagoj Popov; Supported by Macedonian Academy of Sciences and Arts)
- *The study of various properties of fuzzy topology and their expression in the framework of the texture spaces* (2007-2009, project manager Prof. Biljana Krsteska; Supported by Ministry of Education and Science of Republic of Macedonia and TUBITAK)
- *Vector valued structures* (2006-2008, project manager Acad. Gorgi Cupona; Supported by Macedonian Academy of Sciences and Arts)
- *Vector-valued groups* (2000-2002, project manager Acad. Gorgi Cupona; Supported by Macedonian Academy of Sciences and Arts)
- *Topological and Algebraic Structures and their Applications* (project manager Prof. Donco Dimovski)

Intensive courses

- *Fuzzy sets and fuzzy logic*, Struga, 2006 (DAAD project-"Center of Excellence for Application of Mathematics")

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- *Educational Software System GEONEXT*, 2004 (organized by the Institute of mathematics and informatics of Bulgarian Academy of Sciences, DAAD project-"Center of Excellence for Application of Mathematics")
- *Coding theoretical aspects of information theory*, 2003 (organized by the Institute of mathematics and informatics of Bulgarian Academy of Sciences, DAAD project-"Center of Excellence for Application of Mathematics")

SCIENTIFIC PUBLICATIONS

- Miovka V., Dimovski D., *A characterization of generalized $(m+k, m)$ -rectangular bands*, Proc. of the International Scientific Conference, FMNS-2015, Blagoevgrad, Bulgaria, Vol. 1 (Math. & Inf.), (2015), 31-37
- V. Miovka, D. Dimovski, *Structural Description Of Generalized $(m+k, m)$ -rectangular Bands*, Proc. of the International Scientific Conference, FMNS-2013, Blagoevgrad, Bulgaria (2013), Vol.1 (Math. & Inf.) 54-59
- Miovka V., Dimovski D., [Free \$\(m+k, m\)\$ - bands](#), *Mathematica Macedonica* (2010), published 2012, 115-127
- Miovka V., Dimovski D., *Free generalized $(2m, m)$ -rectangular bands of type $(3, 2)$* , Proc. of the International Scientific Conference, FMNS-2011, Blagoevgrad, Bulgaria, Vol. 1, (2011) 33-37
- Miovka V., Dimovski D., *Generalized $(2m, m)$ -rectangular bands of type $(3, 2)$* , *Matematički Bilten*, 34(LX) (2010), 5-12
- Miovka V., Dimovski D., *Independence of characterizing properties of $(m+k, m)$ -rectangular bands*, *Matematički Bilten*, 33(LIX) (2009), 5-14
- Miovka V., Dimovski D., [Independence of characterizing properties of \$\(m+k, m\)\$ -bands](#), *Mathematica Macedonica*, Vol. 6 (2008), 47-53
- Dimovski D., Miovka V., *Characterization of $(m+k, m)$ -rectangular band when $k < m$* , Зборник на трудови, III конгрес на матем. и инф. на Македонија, Струга 2005 (Сојуз на матем. и инф., Скопје 2007), 245-250
- Miovka V., Dimovski D., [Free \$\(m+k, m\)\$ -rectangular bands when \$k < m\$](#) , Proc. Int. Sc. Conf. 6-10.06.2007, FMNS, South-West University "Neofit Rilsky", Blagoevgrad, Vol.1 (2007), 88-92
- Miovka V., Dimovski D., [Free \$\(m+k, m\)\$ -bands](#), *Mathematica Macedonica*, Vol.4, (2006), 11-24
- Dimovski D., Miovka V., [Characterization of \$\(2k, k\)\$ -rectangular band](#), *Math.bilt.*, 28 (LIV) Skopje, (2004), 125-132
- Janeva B., Miovka V., Celakoska-Jordanova V., [On a class of \$n\$ -groupoids](#), Proc. II Congress, Ohrid 2000, (2003), 25-30

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BOOKS

- Valenitna Miovska, Vesna Celakoska-Jordanova, **Algebarski n-arni strukturi**, PMF, Skopje, 2014

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- Member of Society of Mathematicians of Republic of Macedonia
 - Deputy leader of the Macedonian team at BMO 2004, Pleven, Bulgaria
 - Deputy leader of the Macedonian team at IMO 2004, Athens, Greece

POPULAR PUBLICATIONS

ARTICLES

- Миовска В., Маркоски Ѓ., Гацовска А., Лешковски Д., *Очекувани тенденции на бројноста и успехот на учениците-натпреварувачи по математика од средните училишта*, Зборник на трудови од IV конгрес на математичарите на Македонија, Струга, Македонија, 19-22.10.2008, СММ, Скопје, 2011, 155-168
- Миовска В., *Една задача и 12 решенија*, математичко списание "Сигма" за учениците од средното образование, Скопје, 2007, 8-14
- Маркоска Ј., Маркоски Ѓ., Миовска В., *Примена на GEONEXT во наставата по математика*, Зборник на трудови од Третиот конгрес на математичарите на Македонија, Струга, Македонија, 29.09-02.10.2005, СММ, Скопје, 2007, 115-122
- Миовска В., *Теорема на Симсон*, Сигма, Скопје, 2004, 1-4

BOOKS

- Малчески А., Атанасов Р., Димовски Д., Малчевски Р., Оровчанец М., Јанев И., Манова-Ераковиќ В., Миовска В., Маркоски Ѓ., Гоговска В., *Натпевари по математика во средното образование во учебната 1998/1999 година*, СММ, Скопје, април 2000

EDITOR

- Editor of the popular mathematical publication "Numerus", Skopje, from 2004 until 2007