


## PERSONAL INFORMATION

## Zoran Trifunov



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Sex Male | Date of birth 30/08/1971 | Nationality of the former Yugoslav Republic of Macedonia

## WORK EXPERIENCE

01/11/1995–31/10/2016

**Higher education teaching professional**

SOU Gimnazija Kocho Racin, Veles (former Yugoslav Republic of Macedonia)

teacher of Mathematics

01/09/2007–31/01/2013

**College / university teaching professional**

Faculty of Technical sciences, St. Clement of Ohrid University, Veles (former Yugoslav Republic of Macedonia)

assistant of Mathematics - part time

01/02/2013–Present

**College / university teaching professional**

Faculty of Informatics at Goce Delchev University, Shtip (former Yugoslav Republic of Macedonia)

assistant professor - part time

01/11/2016–Present

**College / university teaching professional**

Faculty of Technical Sciences, Mother Teresa University, Skopje (former Yugoslav Republic of Macedonia)

associate professor of Mathematics

## EDUCATION AND TRAINING

01/09/1991–01/10/1995

**Bachelor's degree in Mathematics**

EQF level 6

Faculty of Natural sciences, St. Cyril and Methodius University, Skopje (former Yugoslav Republic of Macedonia)

01/09/2005–12/01/2009

**Master's degree in Mathematical education**

EQF level 7

Faculty of Natural sciences, St. Cyril and Methodius University, Skopje (former Yugoslav Republic of Macedonia)

**Thesis:** Comparison of the secondary education in Macedonia and Bulgaria with regards to the subject Mathematics

01/09/2009–01/11/2012

**PhD in technical sciences (specialized: Applied Mathematics in education)**

EQF level 8

Faculty of Technical sciences, St. Clement of Ohrid University, Bitola (former Yugoslav Republic of Macedonia)

**Thesis:** ICT in education – efficient integration of ICT with mathematical and informatics approach

## PERSONAL SKILLS

## Job-related skills

## Article

- **Trifunov Z.** „increasing the level of knowledge of Mathematics through Solving real-life problems”, International Conference, Mathematics Applied, August 21-24, 2016, Ohrid, Republic of Macedonia (in the progress...)
- **Trifunov Z.**, „*Mathematical application in real life problems*”, Industrial Workshop - What mathematicians can do for you? Mi-Net 2016 - Stip, Republic of Macedonia, 21.04.2016 (in the progress...)
- Atanasovska-Pacemska T., Lazarovska L., **Trifunov Z.**,... (2015) *DETERMINATION OF THE FACTORS THAT FORM THE STUDENTS' ATTITUDE TOWARDS MATHEMATICS*. ISSN (p) 2303-4890, ISSN (o) 1986-518X, ISTRAŽIVANJE MATEMATIČKOG OBRAZOVANJA <http://www.imvibl.org/dmbl/meso/imo/imo2.htm>, Vol. VII (2015), Broj 12, 1-8 Originalni naučnin rad
- Trifunov, Zoran and Karamazova, Elena (2015) *Some random variables of continuous type*. Yearbook, Faculty of computer sciences, Goce Delcev University, Stip, 4. pp. 33-43. ISSN 1857-8691
- Atanasova-Pacemska, Tatjana and Lazarova, Limonka and Arsov, Jordance and Pacemska, Sanja and Trifunov, Zoran and Kovacheva, Tcveta (2015) *Attitude of secondary students towards mathematics and its relationship to achievement in mathematics*. Proceeding from International Conference on Information Technology and Development of Education – ITRO, June, 2015. Zrenjanin, Republic of Serbia, 7. pp. 109-114.
- Sarac, T. Atanasova-Pacemska, **Z. Trifunov**, (2014) ELECTRONIC TESTS IN HIGH EDUCATION OPPORTUNITIES AND CHALLENGES, International Conference on Information Technology and Development of Education. University of Novi Sad, Technical Faculty „Mihajlo Pupin”, Zrenjanin, Republic of Serbia, pp. 68-72. ISBN 978-86-7672-225-9
- **Трифунув З.**, Карацов Б., (2014) „Образование во дигиталното доба: Предизвици и решенија”, Vol.1 5/2014, (ISSN) 1857-9299, (pp. 280-288)
- **Trifunov Z.**, Atanasova-Pacemska T.,... (2014) „*Use of free software in mathematics classes and presenting the results of the research*”. Metodicki aspekt nastave matematike, 3rd International Conference MATM 2014, pp 203-213, ISBN 978-86-7604-141-1.
- Trifunov, Zoran and Karamazova, Elena (2014) *Visualization of discrete random variables*. Proceedings of the V Congress of mathematicians of Macedonia. pp. 108-116. ISSN 978-9989-646-69-0
- **Trifunov Z.**, Stojanovska L. (2012) „*Validating the Use of Technology in Mathematics Education with Statistics*”. 41-BA ПРОЛЕТНА КОНФЕРЕНЦИЈА, 12 април 2012 година, Боровец, Бугарија.
- **Трифунув З.**, Стојановска Л. (2011) „*Статистика на податоци добиени од примената на ИКТ во математичко образование*”. III научен – стручен собир „Образование на 21 – век”. 9.12.2011 година, Македонско Научно Друштво – Битола, pp.107, ISBN 978-608-4616-24-5.
- **Trifunov Z.**, Stojanovska L. (2011) „*The Study of Ellipses and Hyperbolas as Second Order Curves Using GeoGebra 4*”. CIIT 2011, 8 Conference for informatics and information Technology, 16-18.03.2011, Bitola, MK
- Stojanovska L. **Trifunov Z.** (2010) „*Constructing and Exploring Triangles with GeoGebra*”. Anale Seria Informatica, Vol VIII, Fac.2, România, pp. 45-54.
- Stojanovska L. **Trifunov Z.** (2009) „*Visualization of extreme in mathematics for problems in geometry in middle school*”. MICOM 2009, International Congress on Mathematics, 16-20.09.2009, Ohrid, Republic of Macedonia, pp. 175-186.
- Стојановска Л., **Трифунув З.** (2008) „*Примена на ИКТ во наставата по математика за средно образование*”. IV Конгрес на математичари од РМ, Октомври 2008, Струга, МК, pp.150-155.
- **Трифунув З.**, Манова–Ераковиќ В., Тонов И. (2008) „*Споредба на гимназиското образование по математика во Македонија и Бугарија*”. IV Конгрес на математичари од РМ, Октомври 2008, Струга, МК, pp.91-101.
- Манова–Ераковиќ В., **Трифунув З.**, Димовски И., Марковска Ј., Марковски Ѓ. (2005) „*Образовниот систем во Македонија согласно критериумите за споредбено образование, со осврт на математиката*”. III Конгрес на математичари од РМ, 2005 година, Струга, МК, pp. 79-115.

- **Трифунов З.**, Димовски И., Марковска Ј., (2005) „Образовни стандарди за критериуми за оценување на постигањето на учениците во наставата по математика“. III Конгрес на математичари од РМ, 2005 година, Струга, МК, pp. 181-199.

#### Monograph

- Trifunov, Zoran and Karamazova, Elena and Atanasova-Pacemska, Tatjana (2015) *Introduction of Discrete and Continuous Random Variable*. Working Paper. LAP Lambert Academic Publishing .
- Стојановска Л., **Трифунов З.** (2010) „ИКТ Пристап во Конечна Математика“. Основен учебник при Технички факултет, Универзитет „Св. Климент Охридски“. ISBN978-608-65053-1-8.

#### Project

- PROJECT NAME: MATH Labyrinth 2015-2017: Increasing the level of knowledge through solving mathematical problems, MK-CY-GR-BG-IT. – coordinator local.
- PROJECT NAME: MathDebate 2016-2018: MK-BG-RO-CY. – participant.
- Training: Empowerment in ICT Skills, 3-7.11.2014, Academic Development & Training – Malta