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Curriculum vitae

PERSONAL INFORMATION	**Zoran Trifunov**

📍 30a, Belgradska, 1400 Veles (North Macedonia)

📱 (+389) 70 315 346

✉ zoran.trifunov@unt.edu.mk

🌐 www.unt.edu.mk

💬 Skype zptrifunov

Sex Male | Date of birth 30/08/1971 | Nationality Macedonian/citizen of the Republic of North Macedonia

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WORK EXPERIENCE

01/11/1995–31/10/2016
Higher education teaching professional
SOU Gimnazija Kocho Racin, Veles (North Macedonia)
teacher of Mathematics

01/09/2007–31/01/2013
College / university teaching professional
Faculty of Tecnical sciences, St. Clement of Ohrid University, Veles (North Macedonia)
assistant of Mathematics - part time

01/02/2013–Present
College / university teaching professional
Faculty of Informatics at Goce Delchev University, Shtip (North Macedonia)
assistant professor - part time

01/11/2016–Present
College / university teaching professional
Faculty of Technical Sciences, Mother Teresa University, Skopje (North 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 (North Macedonia)

01/09/2005–12/01/2009
Master's degree in Mathematics - Mathematical education   EQF level 7
Faculty of Natural sciences, St. Cyril and Methodius University, Skopje (North 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 Tecnical sciences, St. Clement of Ohrid University, Bitola (North Macedonia)
Thesis: ICT in education – efficient integration of ICT with mathematical and informatics approach

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PERSONAL SKILLS

Job-related skills   Article

- **Z. Trifunov,** SOLVING REAL-LIFE PROBLEMS FOR INCREASING THE MOTIVATION OF LEARNING MATH, South east European journal of sustainable development – SEEJSD, Vol. 1/2018, ISSN 2545-4463.

- T. JUSUFI ZENKU, B. JOLEVSKA-TUNESKA, **Z. TRIFUNOV, "**FURTHER RESULTS ON COMMUTATIVE NEUTRIX COLVOLUTION PRODUCT INVOLVING GAUSSIAN ERROR FUNCTION", American Review of Mathematics and Statistics, Vol. 6 No. 1, June 30, 2018, ISSN: 2374-2348.

- E. Karamazova, T. Jusifi – Zenku, **Z. Trifunov** Analysing and Comparing the Final Grade in Mathematics by Linear Regression Using Excel and SPSS *International Journal of Mathematics Trends and Technology (IJMTT).* V52(5):334-344 December 2017. ISSN:2231-5373. www.ijmttjournal.org. Published by Seventh Sense Research Group. (IJMTT Journal Impact Factor = 2.53)

- **Z. Trifunov,** Solving real-life problems for increasing the motivation of learning Math, Journal: SOUTH EAST EUROPEAN JOURNAL OF SUSTAINABLE DEVELOPMENT – SEEJSD, Vol 1, 2017, UMT, Skopje

- **Z. Trifunov**, "Increasing the motivation of the students to learn mathematics", *International Journal of Mathematics Trends and Technology (IJMTT).* V48(1):1-5 August 2017. ISSN:2231-5373. www.ijmttjournal.org. Published by Seventh Sense Research Group. (IJMTT Journal Impact Factor = 2.53)

- **Z. Trifunov,** S. Cvetkovik, "THE TRETMETNT OF THE NEW AND EMERGING RISKS WITHIN THE EU STRATEGIES", Scientific Journals «INTERNATIONAL DIALOGUE: EAST-WEST», from 8th International Scientific Conference «INTERNATIONAL DIALOGUE: EAST-WEST», Sveti Nikole, Republic of Macedonia, from 28th to 29th of April, 2017, pp. 217-222. ISSN 1857-9299

- **Z. Trifunov,** B. Karadzov, "ON MATHEMATICAL AND EPISTEMIC NOTION OF PROBABILITY", Scientific Journals «INTERNATIONAL DIALOGUE: EAST-WEST», from 8th International Scientific Conference «INTERNATIONAL DIALOGUE: EAST-WEST», Sveti Nikole, Republic of Macedonia, from 28th to 29th of April, 2017, pp. 71-78. ISSN 1857-9299

- **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

- 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.

- V. Sarac, T. Atanasova-Pacemska, **Z. Trifunov**, (2014) ELECTRONIC TESTS IN HIGH EDUCATIONOPPORTUNITIES AND CHALANGES, 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

- **Трифунов 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-ВА ПРОЛЕТНА КОНФЕРЕНЦИЈА, 12 април 2012 година,Боровец,Бугарија.
- **Трифунов 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., **Трифунов 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.
- **Трифунов 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., **Трифунов 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 - Erasmus+

- K2 - PROJECT NAME: MATH Labyrinth 2015-2017: Increasing the level of knowledge through solving mathematical problems, MK-CY-GR-BG-IT. – coordinator local.
- K2 - PROJECT NAME: MathDebate 2016-2018: MK-BG-RO-CY. – participant.
- K1 - Training: Empowerment in ICT Skills, 3-7.11.2014, Academic Development & Training – Malta