

Stefanos Makariadis

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🏠 Stefanos-Makariadis-2

JNT-5664-2023



Personal Information

- Date of birth: 3/9/1966
- Marital status: Widower with a child 19 years old
- Nationality: Greek
- Military obligations: Fulfilled

Education

- 2024-2026 Postdoctoral Researcher Candidate of the School of Engineering, Department of Civil Engineering, Department of Mathematics and Informatics, Democritus University of Thrace
- 2019-2022 Ph.D from the School of Engineering, Department of Civil Engineering, Department of Mathematics and Informatics, Democritus University of Thrace
- 2007-2012 Postgraduate studies in Mathematics at the School of Sciences and Technology of the Hellenic Open University
- 1986-1991 Graduate of the Department of Mathematics, School of Sciences, University of Ioannina
- 1981-1984 Graduate of the 3rd General Lyceum of Larissa

Professional Experience

- 1993-2008 Secondary School Mathematics Tutoring Professor
- 2003-2007 Laboratory Associate of the Technical University of Larissa, in the departments of Administration - Economics and Administration and Project Management
- 2007-2008 Hourly Teacher at Second Chance Schools
- 2007-2008 Hourly Teacher in inclusion classes for children with special needs
- 2008-2019 Associate Professor of Mathematics, Secondary Education
- 2019-Today Permanent Professor of Mathematics in Secondary Education

Works - Studies - Publications

2012 Postgraduate Diploma Thesis:

”Fuzzy Neural Networks and Applications”, Hellenic Open University (HOU),
<http://apothesis.eap.gr/handle/repo/21157>

2022 Doctoral Thesis:

«Construction Fuzzy Connectives and Applications in Artificial Intelligence», Democritus University of Thrace, School of Engineering, Department of Civil Engineering, Department of Mathematics, Programming and General Studies,
<http://dx.doi.org/10.12681/eadd/52656>

A. The corresponding publications (after review) in international scientific journals and scientific volumes and which are:

- 2020 1. Proceedings of the 21st EANN (Engineering Applications of Neural Networks) 2020 Conference: Proceedings of the EANN 2020. https://doi.org/10.1007/978-3-030-48791-1_31
- 2021 2. «Parametric Fuzzy Implications Produced via Fuzzy Negations with a Case Study in Environmental Variables»: by: Stefanos Makariadis, Georgios Souliotis, Basil Papadopoulos. Symmetry 2021, Volume 13, Issue 3, 509. <https://doi.org/10.3390/sym13030509>
- 2022 3. «Generalization of Fuzzy Connectives»: by: Stefanos Makariadis, Basil Papadopoulos. Axioms 2022, Volume 11, Issue 3, 130. <https://doi.org/10.3390/axioms11030130>
- 2022 4. «A Fuzzy Implication-Based Approach for Validating Climatic Teleconnections»: by: Stefanos Makariadis, Basil Papadopoulos. Mathematics 2022, Volume 10, Issue 15, 2692. <https://doi.org/10.3390/math10152692>
- 2023 5. «Generation of Polynomial Automorphisms Appropriate for the Generalization of Fuzzy Connectives»: by: Eleftherios Makariadis, Stefanos Makariadis, Avrilia Konguetsof and Basil Papadopoulos. Symmetry 2023, Volume 15, Issue 11, 1992. <https://doi.org/10.3390/sym15111992>
- 2024 6. «Parametric fuzzy implications produced via classes of strong negations»: by: Stefanos Makariadis, Avrilia Konguetsof, Basil Papadopoulos. AIP Conf. Proc. 14 March 2024; 3030 (1): 100006. <https://doi.org/10.1063/5.0193238>
- 2024 7. «New Fuzzy Implication Model Consisting Only of Basic Logical Fuzzy Connectives»: by: Stefanos Makariadis, Eleftherios Makariadis, Avrilia Konguetsof and Basil Papadopoulos. Axioms 2024, Volume 13, Issue 11, 777. <https://doi.org/10.3390/axioms13110777>

B. Presentations and publications (after review) in proceedings of Greek and international scientific conferences:

- 2020 1. «Application of Algorithmic Fuzzy Implications on Climatic Data»: Stefanos Makariadis, Georgios Souliotis and Basil Papadopoulos. Introduction and presentation: Stefanos Makariadis at the conference Engineering Applications of Neural Networks 2020. (EANN 2020)

- 2022 2.«Generalization of Fuzzy Connectives»: Stefanos Makariadis, Basil Papadopoulos, 12th International Mathematics Week. Introduction and Presentation: Stefanos Makariadis, Thessaloniki May 2022.
- 2022 3. «Parametric Fuzzy Implications Produced Via Classes of Strong Negations»: Stefanos Makariadis, Basil Papadopoulos, at the international conference ICCMSE 2022. Introduction and Presentation: Stefanos Makariadis, 29/10/2022
- 2024 4.«A new approach on Fuzzy Implication Generation Combining Numerical Analysis and Algebraic Methods»: Stefanos Makariadis, Eleftherios Makariadis, Avriila Konguetsof, Basil Papadopoulos. at the international conference ICNAAM 2024. Introduction and Presentation: Stefanos Makariadis, 13/9/2024

C. Publications of Teaching Scenarios on Photodentro:

- 2023 Scenario - The Concept of Limit at x_0 : "Photodentro Educational Scenarios", <https://photodentro.edu.gr/ls/handle/8585/409>
- 2023 Scenario: The Concept of Derivative: "Photodentro Educational Scenarios", <https://photodentro.edu.gr/ls/handle/8585/407>
- 2023 Scenario: The Definite Integral (Area of a Parabolic Plot, The Concept of the Definite Integral, Properties and Theorems of the Definite Integral): "Photodentro Educational Scenarios", <https://photodentro.edu.gr/ls/handle/8585/408>
- 2023 Scenario: Conic Sections (Circle): "Photodentro Educational Scenario", <https://photodentro.edu.gr/ls/handle/8585/410>
- 2023 Scenario: Conic Sections (Parabola): "Photodentro Educational Scenario", <https://photodentro.edu.gr/ls/handle/8585/413>
- 2023 Scenario: Conic Sections (Ellipse): "Photodentro Educational Scenario", <https://photodentro.edu.gr/ls/handle/8585/415>
- 2023 Scenario: Basic Concepts of Statistics – Presentation of Statistical Data: "Photodentro Educational Scenarios", <https://photodentro.edu.gr/ls/handle/8585/417>

Research Activity

08/04/2020- Project title: "Research Activity in the field of Fuzzy Logic applications-ETAA"
13/12/2020 (KE 82109), with Mr. Basil Papadopoulos as Scientific Director

Subject: Participation in conferences with presentation of research work

Teaching Project at the School of Engineering University of Thrace

01/07/2019- Offer of Teaching Project (Mathematics), as a PhD candidate in the Department
22/12/2022 of Civil Engineering of the Democritus University of Thrace

https://drive.google.com/file/d/1_ZmPkzi4Qf88ED7nvSCkB0U3D_B6vv2f/view?usp=sharing

Reviewer in International Scientific Journals (Reviewer)

Artificial Intelligence Review.

An International Science and Engineering Journal.

Published by Springer

<https://publons.com/wos-op/review/author/NcDx27Ir/>

Foreign Languages

Language English

Toeic Level B2

Computer skills

- 2004 KEK of the National and Kapodistrian University of Athens, Microsoft Office XP
- 2004 KEK of the National and Kapodistrian University of Athens, Microsoft Office XP
- 2004-2005 KEK of the National and Kapodistrian University of Athens, Computers and modern IT applications
- 2008 Cambridge (word, excel, internet, power point)
- 2011 T.II.E A' Level
- 2018 T.II.E B1' Level
- 2023 T.II.E B2' Level

Continuing Education - Seminars

- 2004-2005 Certificate of successful attendance in the spring semester of the Postgraduate studies program entitled "Master in Computer Science", Master of Science in Computer Science in the English language, of the Technical University of Larissa in collaboration with the University of Staffordshire of Great Britain
- 2009-2010 Certificate of attendance of the annual 410-hour training program in Special Education of the University of the Aegean
- 2010 25-hour training certificate in "Training of Teachers for Second Chance Schools"
- 2011 25-hour training certificate in "Training of Trainers and Executives in Online Learning"
- 2011 100-hour training certificate in "Adult Trainer Training"
- 2015 30-hour certificate for the educational program "scratch 4 Teachers" from the Hellenic Open University
- 2015 8-hour certificate in "Introduction and Use of ICT in Teaching Mathematics - basic learning courses of the Geogebra program"
- 2021 20-hour certificate in "Fast-Track Teacher Training in Distance Education"
- 2023 96-hour certificate in "Introductory Teacher Training"
- 2024 49-hour certificate in "Training Teachers in the Creation and Editing of Interactive Educational Materials"

Environmental - Cultural Programs

- 2018-2019 Member of the pedagogical team that implemented the environmental program entitled: "I Love the Environment"
- 2023-2024 Member of the pedagogical team that implemented the cultural program entitled: "The historical review of the life of Konstantinos Karatheodoris in the European and mainly in the German school influences through the mathematical intellect the political developments in post-war Greece"
- 2024-2025 Member of the pedagogical team that will implement the cultural program entitled: "Greek schools with different cultures, similarities and differences"

Actions that contribute to the qualitative upgrading of the work carried out at the school

2023 - 2024 Mentor

2024 - 2025 Intramural Mathematics Coordinator

2021 - 2025 Participation in the evaluation of the educational work of the school unit as Coordinator

Engagement with the public

Elected member of the Board of Directors of the Teachers' Mutual Aid Fund of the Prefecture of Larissa.

Social contribution

Volunteer Blood Donor.

Cross references Google Scholar, Scopus

Google Scholar	Scopus
Citations: 15	Citations: 11
h-index: 2	h-index: 3

➡ <https://scholar.google.com/citations?user=b3aUq0gAAAAJ&hl=en>

➡ <https://www.scopus.com/authid/detail.uri?authorId=57222540944>