Michael Voskoglou

Subjects: Others

Contributor: Michael Voskoglou

mathematics education

Basic Information

Name: Michael Voskoglou
(May 1949–)

Birth Location:	Mytilene, Greece
Title:	Scientist
Affiliation:	University of Peloponnese, Patras, Greece
Honor:	Who is Who in the World

1. Introduction

Michael Gr. Voskoglou received his B.Sc. in Mathematics (1972, Excellent) from the Aristotle University of Thessaloniki, Greece, his M.Sc. in Pure Mathematics (1978) and M.Phil. in Algebra (1980) from the University of Leeds, UK and his Ph.D. (1982, Excellent) from the University of Patras, Greece. His Ph.D. thesis entitled “A Contribution to the Study of Rings” was a research study on derivations and skew polynomial rings.

At the beginning of his career (1972-1987) M. Voskoglou worked as a teacher of mathematics of the Greek public secondary Education in the city of Patras, with a three years break (1976-78) for his postgraduate studies in England under sabbatical from the Greek Ministry of Education and a NATO’s fellowship (technical assistance). In 1987 he was elected as a Lecturer at the TEI of Messolonghi, where he became a full Professor of Mathematics and Operations Research at the School of Management and Economics in 1989. Vice president of the Research Committee and Erasmus coordinator (1990 - 1994), Dean of the School of Management and Economics (1995–

1997) and Scientific Director of five programs of technological research on applications of quantitative methods to Cooperatives (1989 – 1996).

During the period 1997-2000 Prof. Voskoglou worked as a visiting researcher in the Institute of Mathematics and Informatics of the Bulgarian Academy of Sciences in Sofia. At the end of 2000 he joined as a full Professor of Applied Mathematics the School of Technological Applications of the Graduate TEI of Patras. Head of the Department of Renovation and Restoration of Buildings and Scientific Director of the European Program "Expansion of Tertiary Education" (2001-2005), he became an Emeritus Professor in 2012. The School of Technological Applications of the TEI of Patras, which was renamed later as TEI of Western Greece, has been joined recently with the University of Peloponnese.

Prof. Voskoglou used to be also an instructor at the Hellenic Open University, at the Mathematics Department of the University of Patras and at the Schools of Primary and Secondary In – Service Teachers' Training in Patras. He has lectured as a Visiting Professor in postgraduate.courses at the School of Management of the University of Warsaw (2009), at the Department of Operational Mathematics of the University of Applied Sciences in Berlin (2010) and at the Mathematics Department of the National Institute of Technology of Durgapur (2016) under a grand of the GIAN program (Course No. 161021K03) of the Indian Government.

Supervisor of many student dissertations on applications of Mathematics to Management and Engineering and external examiner of Ph.D. dissertations at Universities of Egypt, India and Saudi Arabia. He is the recipient of many scholarships (Greek Institute of National Scholarships, NATO's technical assistance, GIAN-India, etc.), distinctions (Who is Who in the World, Who is Who in America, Men of Achievement, Board of Advisors of the American Biographical Institute, etc.) and honorary awards (appreciation plaques from the Egyptian Computer Society, Ain Shams University, Cairo, National Institute of Technology of Durgapur, India, Einstein Award of the International Biographical Centre, Cambridge, UK, etc.). Prof. Voskoglou is also a member of several scientific associations (AMS, HMS, ICTMA, IETI, etc.).

Member of Editorial Boards

Prof. Voskoglou is the Editor in Chief of the journal "Design, Construction and Maintenance", ISSN 2944-912X, Reviewer of the American Mathematical Society (No 60147), Associate Editor of the "Journal of Interdisciplinary Mathematics" (Taylor & Francis), Editor of the MDPI journals "Mathematics" and EJIHPE and member of the Editorial Board or Reviewer of many other scientific journals . He was also the publisher and Editor in Chief of the "International Journal of Applications of Fuzzy Sets and Artificial Intelligence", ISSN 2241-1240 (2011 - 2020)..

Related Links

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scopus.com/authid/detail.uri?authorId=35423102000

https://www.webofscience.com/wos/author/record/942055

https://scholar.google.com/citations?user=9K3F9GkAAAAJ

https://www.amazon.com/author/michaelvoskoglou

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sciprofiles.com/profile/mvoskoglou

2. Publications

Dissertations (3)

1. COMPLETIONS AND PROPERTIES OF COMPLETE LOCAL RINGS, M. Sc. Dissertation, University of Leeds, UK, 1978.
2. DERIVATIONS AND SKEW POLYNOMIAL RINGS, M. Phil. Thesis, University of Leeds, UK, 1980.
3. CONTRIBUTION TO THE STUDY OF RING THEORY, Ph.D. Thesis, University of Patras, Department of Mathematics, 1982 (in Greek).

Authored Books (11)

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5. MATHEMATICS FOR THE SECTOR OF MANAGEMENT AND ECONOMICS, Macedonian Publ..- ION, Athens, Greece , 3d. Ed., 2001, I SBN 960-319-154-X (in Greek).
6. APPLIED MATHEMATICS), Macedonian Publ. - ION, Athens, Greece, 2nd Ed, 2004, ISBN 960-319-258-9 (in Greek)
7. ANALYTIC GEOMETRY), Self-Edition, Patras, Geece, 2004, ISBN 960-92460-0-1 (in Greek)
8. MATHEMATICS, Self-Edition, Patras Greece, 3d Ed., 2009, ISBN 960-92460-1-X (in Greek)
9. TOPICS FROM OPERATIONS' RESEARCH), Self-Edition, Patras, Greece, 2007, ISBN 960-92460-2-8 (in Greek)
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11. STOCHASTIC AND FUZZY MODELS IN MATHEMATICS EDUCATION, ARTIFICIAL INTELLIGENCE AND MANAGEMENT, Lambert Academic Publishing, Saarbrucken, Germany, 2011, ISBN 978-3-8465-2821-1.
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Edited Books (4)

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17. FUZZY SETS, FUZZY LOGIC AND THEIR APPLICATIONS, M. Voskoglou (Ed.), MDPI, Basel, Beijing, Wuhan, Barcelona, Belgrade, Manchester, Tokyo, Cluj, Tiaqnjin, 2020, ISBN: 978-3-03928-520-4
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20. EXTENDING DERIVATIONS AND ENDOMORPHISMS TO SKEW POLYNOMIAL RINGS, Publ. Inst. Math. (Beograd), 39(53), 79-82, 1986.
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22. PRIME IDEALS OF SKEW POLYNOMIAL RINGS, Riv. Mat. Univ. Parma (4), 15, 17-25, 1989.
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29. MEASURING PROBLEM SOLVING SKILLS (with S. C. Perdikaris) Int. J. Math. Educ. Sci. Technol., Vol. 24, No 3, 443-447, 1993.
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32. PRINCIPAL IDEALS IN SKEW POLYNOMIAL RINGS (with M. Sapanci), Bulletin Greek Math. Soc., 36, 133-137, 1994.
33. HEURISTICS IN PROBLEM SOLVING: A TRAVEL FROM POLYA TO NOWADAYS, Mathematics and Informatics, 4 (1994), 16-22 (translated in the Bulgarian language).
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40. USE OF ABSORBING MARKOV CHAINS AS A MEASUREMENT MODEL FOR THE PROCESS OF ANALOGICAL TRANSFER, Int. J. Math. Educ. Sci. Technol., Vol. 27, 197-205, 1996.
41. AN APPLICATION OF ERGODIC MARKOV CHAINS TO ANALOGICAL PROBLEM SOLVING, The Mathematics Education (India), Vol. XXX, No 2, 95-108, 1996.
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43. SOME REMARKS OF THE USE OF REDISCOVERY IN THE TEACHING OF MATHEMATICS, Proceedings of the 1st Mediterranean Conference on Mathematics Education, 124-128, Nicosia, Cyprus, 1997.
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115 papers *in Greek scientific journals and in Proceedings of PanHellenic Conferences****, 5 technical reports*** *for Programs of Applied Research conducted in the Graduate T.E.I. of Western Greece and* ***14 Lecture Notes*** *on several mathematical topics****.***

Citations

3. Conclusion

Prof. M. Voskoglou has contributed significantly to Mathematics in the areas of Fuzzy Sets and Logic, Algebra, Markov Chains, Artificial Intelligence and Mathematics Education. His research work has been recognized and used by many researchers around the world.