Yuri Ruben Hakopian

Faculty of Informatics and Applied Mathematics
Dean

📞 23-99
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🎓 Education

Institution	Yerevan State University
Faculty	Faculty of Applied Mathematics
Date	1966 - 1972
Degree name	Qualified specialist

🎓 Scientific Rank/degree

Institution	Institute for Informatics and Automation Problems, National Academy of Sciences of Armenia
Date	2000
Degree name	Doctor
Specialty	Physico-mathematical sciences
Research Topic	Algebraic Multigrid Preconditioners for Finite Element Matrices

🌐 Language skills

Հայերեն Русский English

🗂 Work experience

Institution	Yerevan State University
Period of time	2021 till now
Rank/degree	Dean of the Faculty of Informatics and Applied Mathematics

Institution	Yerevan State University
Period of time	2020 - 2021
Rank/degree	Acting Dean of the Faculty of Informatics and Applied Mathematics

Institution	Yerevan State University
Period of time	2007 - 2020
Rank/degree	Head of the Department of Numerical Analysis and Mathematical Modeling

Institution	Yerevan State University
Period of time	2001 - 2007

Rank/degree	Head of the Department of Mathematical Methods and Modeling

Institution	Yerevan State University
Period of time	1996 - 2001
Rank/degree	Associate Professor, Department of Mathematical Methods and Modeling

Institution	Yerevan State University
Period of time	1987 - 1996
Rank/degree	Associate Professor, Department of Mathematical Models and Methods of Natural Sciences

Institution	Yerevan State University
Period of time	1980 - 1987
Rank/degree	Associate Professor, Department of Numerical Analysis

Institution	Yerevan State University
Period of time	1976 - 1980
Rank/degree	Assistant at the Department of Numerical Analysis

Scientific interests

- Numerical Analysis
- Numerical Linear Algebra
- Algebraic Multilevel Preconditioning Methods
- Finite Element Method

Participation in international conferences and seminars

30/09/1997 - 02/11/1997	Research visit: INTAS, grant No. 93-377ex Catholic University of Nijmegen Netherlands (the)

28/09/1996 - 09/11/1996	Research visit: INTAS, grant No. 93-377ex Catholic University of Nijmegen Netherlands (the)

12/09/1995 - 12/10/1995	Research visit: INTAS, grant No. 93-377 Catholic University of Nijmegen Netherlands (the)

07/09/1993 - 30/10/1993	Research visit: NWO, grant No. 7.13.-016 Catholic University of Nijmegen Netherlands (the)

20/03/1998 - **01/05/1998**	Research visit: Department of Mathematics of the University of Houston University of Houston, Texas United States of America (the)
28/11/1992 - **12/12/1992**	Research visit: Department of Mathematics of the University of Jyuvaskula University of Jyuvaskula Finland
07/04/1991 - **10/04/1991**	Research visit: Semester on Numerical Analysis and Mathematical Modelling Stephan Banach International Mathematical Center, Warsaw Poland
07/04/1987 - **21/04/1987**	Research visit: Semester on Numerical Analysis and Mathematical Modelling Stephan Banach International Mathematical Center, Warsaw Poland
24/06/1997 - **30/06/1997**	International Algebraic Conference dedicated to the memory of D.K.Faddeev V.A. Steklov Mathematical Institute of the Russian Academy of Sciences, St. Petersburg branch Russian Federation (the)
18/09/1995 - **22/09/1995**	1th European Conference on Numerical Mathematics and Advanced Applications ENUMATH'95 Pierre and Marie Curie University, Paris France
29/06/1992 - **03/07/1992**	3th International Conference on Numerical Analysis The Russian Academy of Sciences, Moscow Russian Federation (the)
21/05/1990 - **25/05/1990**	4th International Symposium on Domain Decomposition Methods Academy of Sciences of the USSR, Moscow Russian Federation (the)
13/08/1989 - **19/08/1989**	4th International Conference on Differential Equations and Applications Bulgarian Academy of Sciences, Ruse Bulgaria
21/09/2008 - **26/09/2008**	VI international conference «Problems of the dynamics of interaction of deformable media» Institute of Mechanics of the National Academy of Sciences of the Republic of Armenia Armenia
19/09/2011 - **23/09/2011**	VII international conference «Problems of the dynamics of interaction of deformable media» Institute of Mechanics of the National Academy of Sciences of the Republic of Armenia

Armenia

25/09/1997 - 29/09/1997	International Conference CSIT'1997 «Computer Science and Information Technologies» The National Academy of Sciences of the Republic of Armenia Armenia
17/08/1999 - 22/08/1999	International Conference CSIT'1999 «Computer Science and Information Technologies» The National Academy of Sciences of the Republic of Armenia Armenia
17/09/2001 - 20/09/2001	International Conference CSIT'2001 «Computer Science and Information Technologies» The National Academy of Sciences of the Republic of Armenia, Yerevan Armenia
22/09/2003 - 26/09/2003	International Conference CSIT'2003 «Computer Science and Information Technologies» The National Academy of Sciences of the Republic of Armenia Armenia
26/09/2011 - 30/09/2011	International Conference CSIT'2011 «Computer Science and Information Technologies» The National Academy of Sciences of the Republic of Armenia Armenia

👥 Membership

Institution	Member of Specialized Council 044 «Mathematical Cybernetics and Mathematical Logic» at the Yerevan State University
Period of time	2008 - 2018

Institution	Member of Specialized Council 032 «Control, Automation Systems and Electronics» at the State Engineering University of Armenia
Period of time	2006 - 2007

⚜ State awards and honorary titles

2009 Gold Medal of Yerevan State University

📖 Publications

Article

THE MOORE–PENROSE INVERSE OF TRIDIAGONAL SKEW-SYMMETRIC MATRICES. I

Yu.R.Hakopian, A.H.Manukyan, H.V.Mikaelyan

Proceedings of the YSU. Physical and Mathematical Sciences 2023 1-8

Article
The Moore-Penrose inverse of tridiagonal skew-symmetric matrices. II
Yu.R. Hakopian, A.H. Manukyan, H.V. Mikaelyan

Proceedings of the YSU. Physical and Mathematical Sciences 2023 31-43

Manual
Введение в метод конечных элементов
Ю.Р.Акопян
2022 142

Article
Analytical Inversion of Tridiagonal Hermitian Matrices
Yuri R. Hakopian, Avetik H. Manukyan

Mathematical Problems of Computer Science 2022 7-19

Manual
Մատրիցային անալիզի տարրեր
Յուրի Ռուբենի Հակոբյան
2022 224

Article
Computing the Moor-Penrose Inverse for Bidiagonal Matrices
Yuri Hakopian
Могилянський математичний журнал (Mohyla Mathematical Journal) 2019 11-23

Book
Թվային մեթոդներ
Յուրի Հակոբյան
2019 462

Book
Թվային մեթոդներ
Յու.Հակոբյան
2019 462

Article
Moore-Penrose inverse of bidiagonal matrices.IV
Yu.R. Hakopian, S.S.Aleksanyan

Proceedings of the YSU. Physical and Mathematical Sciences 2016 23-29

http://www.ysu.am/science/en/journals

Article
Moore-Penrose inverse of bidiagonal matrices.III
Yu.R.Hakopian, S.S.Aleksanyan

Proceedings of the YSU. Physical and Mathematical Sciences 2016 12-21

http://www.ysu.am/science/en/journals