Yuri Ruben Hakopian

Faculty of Informatics and Applied Mathematics
Chair of Numerical Analysis and Mathematical Modeling
Professor

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23-99
(060) 71-03-99
yuri.hakopian@ysu.am

Education

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

Scientific Rank/degree

Institution	Yerevan State University
Date	2006
Degree name	Professor

Institution	Institute for Informatics and Automation Problems
Date	2000
Degree name	Doctor
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

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

On the Analytical Moore–Penrose Inversion of Complex Bidiagonal Matrices

Yu.R.Hakopian, A.H.Manukyan

Lobachevskii Journal of Mathematics 2025 3994 - 4008

Article

THE MOORE–PENROSE INVERSE OF TRIDIAGONAL SKEW-SYMMETRIC MATRICES. I
Yu.R.Hakopian, A.H.Manukyan, H.V.Mikaelyan

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

Article

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

Mathematical Problems of Computer Science 2022 7-19

Study manual

Մատրիցային անալիզի տարրեր
Յուրի Ռուբենի Հակոբյան
2022 224

Study manual

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

Article

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

Textbook

Թվային մեթոդներ
Յու.Հակոբյան
2019 462

Article

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

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

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

Article

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

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

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

Article

THE MOORE-PENROSE INVERSE OF BIDIAGONAL MATRICES. I
Yu.R. Hakopian, S.S.Aleksanyan

Proceedings of the YSU A Physical and Mathematical Sciences 2015 11-20

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

Article

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

Proceedings of the YSU A Physical and Mathematical Sciences 2015 8-16

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