

Yuri Ruben Hakopian

Faculty of Informatics and Applied Mathematics

Dean

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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

Могилянский математический 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>

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.y-su.am/science/en/journals>

Article

THE MOORE-PENROSE INVERSE OF BIDIAGONAL MATRICES. I

Yu.R. Hakopian, S.S.Aleksanyan

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

<http://www.y-su.am/science/en/journals>

Article

Moore-Penrose inverse of bidiagonal matrices.II

Yu.R.Hakopian, S.S.Aleksanyan

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

<http://www.y-su.am/science/en/journals>
