

Yuri Ruben Hakopian

Faculty of Informatics and Applied Mathematics

Dean

☎ 23-99
(060) 71-03-99

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Education

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

Scientific Rank/degree

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| Institution | Yerevan State University |
| Date | 2006 |
| Degree name | Professor |
| Specialty | Physico-mathematical sciences |

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| 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

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

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

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| Institution | Yerevan State University |
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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
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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 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

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 A. Physical and Mathematical Sciences 2016 23-29
<http://www.y-su.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.y-su.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.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 A. 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 A. Physical and Mathematical Sciences 2015 8-16
<http://www.y-su.am/science/en/journals>
