Curriculum Vitae: Mohammad Asadzadeh

Department of Mathematical Sciences
Chalmers University of Technology
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Education

Ph.D. in Mathematics, The University of Göteborg, Sweden, 1986.
Thesis: "Convergence analysis of some numerical methods for neutron transport and Vlasov equations", supervisor: Claes Johnson.
B.Sc. in Mathematics, Kharazmi/Tarbiat Moallem University of Tehran, 1973.

Appointments

- Chalmers University of Technology and The University of Göteborg:
  Professor of Applied Mathematics, 2012–present.
  Associate Professor of Mathematics (Docent), 2001–2011.
  Universitetslektor (Senior Lecturer of Mathematics), 1993-2001.
  Universitetslektor (Assistant Professor), 1986-1993
  Assistant of Mathematics, 1978-1986.

- Cornell University:
  Visiting Professor of Mathematics, Spring 2007.

- University of Michigan, Ann Arbor:
  Visiting Assistant Professor of Mathematics, 1993-1995.

- National Industrial Education Center of Iran, Kashan:
  Lecturer of Mathematics (undergraduate engineering), 1975-1977.

- Department of Science and Education of Iran, Shoushtar:
  Lecturer of Mathematics and Physics (high school level), 1973-1975.

Awards, Awarded research projects

- Riaazi Kermani award 2013: For the "best paper" in *The 43th Annual Iranian Mathematical Conference for academic year 2011-2012.*
- Research Project Grants, Swedish Research Council (VR),
  –With applied physics, mechanics and Fraunhofer, Chalmers 2013-2016.
  –Own project 2011-2014.
- Japan Society for the Promotion of Science, April-May 2009: Kyoto University.
- Coordinator: EU/INTAS project for researcg groups in in control theory (from Azerbaijan, Sweden, Turkey and Ukraine, 2006-2007).
- University of Michigan, Ann Arbor, Michigan, USA, Research scholar, 1984.

Editorial

- Editorial board: Applied and Computational Mathematics, 2002-
- Associate editor: Bulletin of Iranian Mathematical Society, 2003-
- Editorial board: Computational Methods for Differential Equations, 2012-

Current PhD students

- **Adviser:** Christoffer Standar; Department of Mathematics, Chalmers.
- **Co-adviser:** Niklas Eriksson; Department of Mathematics, Chalmers.
- **Co-adviser:** John Bondestam Malmberg; Department of Mathematics, GU.

Research students supervised to PhD degree

H. Almanasreh, PhD Applied Mathematics, 2012.
   The Dirac Equation: Numerical and Asymptotic Analysis.

A. Kadem, PhD Applied Mathematics, 2006.
   Spectral methods for the neutron transport equation.

Postdoctoral students

Sebastian Gonzalez Pinter, Spain, 2013-.
Tobias Gebck, Sweden, 2010-2012.
Laurent Thevenot, France, 2003.
Piotr Kowalczyk, Poland, 2002.
Alexandros Sopasakis, USA, 2000-2002.

Administration

- Vice chairman of Swedish University teachers association, Chalmers 1999-2012
- Board member of Swedish Academicians Organization, Chalmers 2005-
- Member of the Library board at Math department, Chalmers, 1983-2007.
- Member of the coordinating board, mathematical sciences, Chalmers 2005-

Membership in Professional Organizations

AMS (American Mathematical Society).
SIAM (Society of Industrial and Applied Mathematics).
Swedish Mathematical Society.

Books

M. Asadzadeh, Analys och linjär algebra, Studentlitteratur,
   Upplaga 1, 2004, pp. 399, ISBN: 91-44-03793-7.
   Upplaga 2, 2007, pp. 431, ISBN: 9789144005256.

Lecture Notes

M. Asadzadeh, PDE Lecture Notes (electronic).
M. Asadzadeh, Lecture Notes in Fourier analysis (electronic).
M. Asadzadeh, An introduction to finite element methods parts I+II(electronic).

Languages known

English, Swedish, French, Persian, Azari (speaking, reading, writing).

For current research projects see, `http://www.math.chalmers.se/~mohammad`