



Akbar Mohebbi

Associate Professor

College: Faculty of Mathematics

Department: Applied Mathematics

Education

Degree	Graduated in	Major	University
BSc	2003	Applied Mathematics	Shahid Chamran University
MSc	2005	Applied Mathematics	Amirkabir University of Technology
Doctoral	2009	Applied Mathematics	Amirkabir University of Technology

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
University of Kashan	Member of Academic Board	Tenured	Full Time	

Work Experience

1. Head of Department of Applied Mathematics, University of Kashan, 2012-2014.
2. Vice-Dean in Education of the Faculty of Mathematical Sciences, University of Kashan, 2013-2019.

Course Topics

1. Numerical Analysis
2. Numerical Solution of Partial Differential Equations
3. Differential Equations

Papers in Conferences

1. [A. Mohebbi, T. Akbari „A second order finite difference scheme for fractional delay partial differential equations ,48 annual iranian mathematical society ,22 8 2017.](#)

Papers in Journals

1. A. Mohebbi, Crank–Nicolson and Legendre spectral collocation methods for a partial integro-differential equation with a singular kernel, *Journal of Computational and Applied Mathematics*, 2019 3 15.
2. A. Mohebbi, Analysis of a numerical method for the solution of time fractional Burgers equation, *Bulletin of the Iranian Mathematical Society*, 2018 11 20.
3. A. Mohebbi, Fast and high-order numerical algorithms for the solution of multidimensional nonlinear fractional Ginzburg-Landau equation, *The European Physical Journal Plus*, 2018 10 13.
4. A. Mohebbi , Z. Faraz, Solitary wave solution of nonlinear Benjamin-Bona-Mahony-Burgers equation using a high-order difference scheme, *Computational and Applied Mathematics*, 2017 9 9.
5. A. Mohebbi, Compact finite difference scheme for the solution of a time fractional partial integro-differential equation with a weakly singular kernel, *Mathematical Methods in the Applied Sciences*, 2017 11 10.