



**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

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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.