



Ali Eftekhari

Assistant Professor

College: Faculty of Mathematics

Department: Applied Mathematics

Education

Degree	Graduated in	Major	University
BSc	1997	Pure Mathematics	Kharazmi University
MSc	1999	Applied Mathematics- Numerical Analysis	K. N. Toosi University of Technology
Doctoral	2014	Applied Mathematics- Numerical Analysis	Kharazmi University

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
دانشگاه کاشان		Tenured	Full Time	12

Work Experience

Head of Department of Applied Mathematics from December 2016 until now.

Papers in Conferences

1. Euler-sinc collocation method for Caputo time fractional partial differential equations arising in engineering sciences ,International conference on architecture and mathematics ,1 - کاشان 16 12 2017 .
2. فائزه بهمنی و علی افتخاری,یک روش هم مکانی هیبریدی در حل معادلات همرفت-پخش زمان-کسری,پنجاه و یکمین کنفرانس سالانه ریاضی ایران,کاشان,۲۰۲۱/۰۲/۱۵.
3. Euler-sinc collocation method for Caputo time fractional partial differential equations arising in engineering sciences ,International conference on architecture and mathematics ,Kashan ,2017/12/16.
4. A. Eftekhari ,& A. Saadatmandi ,Application of Double Exponential sinc-collocation method for solving multi-point boundary value problem for optimal bridge design ,International Conference on

Architecture and Mathematics ,Kashan, iran ,2017.

5. • A. Eftekhari ,& A. Saadatmandi ,DE sinc collocation method for solving the Bagley-Torvik equation with variable coefficients ,48th Annual Iranian Mathematics Conference ,Hamedan, Iran ,2017.
6. A. Eftekhari ,& M. dorpasand ,DE Sinc-Legendre collocation method for time fractional partial differential ,47th Annual Iranian Mathematics Conference ,Kharazmi University, Karaj, Iran ,2016.
7. A. Eftekhari ,The double exponential Sinc collocation method for solving a model of squeezing flow problem ,Second National Conference on Mathematics and its Applications ,Malayer, Iran ,2015.
8. E. Babolian , A. Eftekhari , A. Saadatmandi ,A sinc-collocation method for solving a nonlinear system of second order boundary value problems ,44th Annual Iranian Mathematics Conference ,Mashad, Iran ,2013.

Papers in Journals

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1. فائزه بهمنی,علی افتخاری,Numerical Solution of Stochastic Fractional Integro-Differential Equations: The Poly-sinc Collocation Approach,Iranian Journal of Science,2024 08 02,SCOPUS ,ISC ,JCR.
 2. A. Saadatmandi , A. Ghasemi , Nasrabady , A. Eftekhari,Numerical study of singular fractional Lane–Emden type equations arising in astrophysics,Journal of Astrophysics and Astronomy,Vol. 40,No. 3,2019/6/1.
 3. A. Eftekhari,DOUBLE EXPONENTIAL EULER–SINC COLLOCATION METHOD FOR A TIME–FRACTIONAL CONVECTION–DIFFUSION EQUATION,Facta Universitatis, Series: Mathematics and Informatics,pp. 745-753,2019/12/11.
 4. A. Saadatmandi , A. Asadi , A. Eftekhari,Collocation method using quintic B-spline and sinc functions for solving a model of squeezing flow between two infinite plates,International Journal of Computer Mathematics,pp. 1921-1936,2016/11/1.
 5. E. Babolian , A. Eftekhari , A. Saadatmandi,A Sinc-Galerkin technique for the numerical solution of a class of singular boundary value problems,Computational and Applied Mathematics,pp. 45-63,2015/4/1.
 6. E. Babolian , A. Eftekhari , A. Saadatmandi,A sinc-Galerkin approximate solution of the reaction–diffusion process in an immobilized biocatalyst pellet,MATCH Commun. Math. Comput. Chem,pp. 681-697,2014/1/1.
 7. A. Saadatmandi , M. Dehghan , A. Eftekhari,Application of He's homotopy perturbation method for non-linear system of second-order boundary value problems,Nonlinear Analysis: Real World Applications,Vol. 10,No. 3,pp. 1912-1922,2009/6/1.