

CURRICULUM VITAE

Name: Mahmood Dadkhah

Address: Assistant Professor, Mathematics Department, PayameNoor University, Urmia, West Azarbayjan, Iran

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Nationality: Persian

Sex: Male

Marital status: Married

Education/Qualifications:

Sep 2009 – Sep 2017 **Ph.D**, Payame Noor University, Tehran, Iran

Sep 2001 – Sep 2004 **M.Sc**, University of Sistan and Baluchestan, Zahedan, Iran

Jun 1997 – Jun 2001 **B.Sc**, University of Tabriz, Tabriz, Iran

Employment to Date/Work Experience:

1. Assistant Professor
PayameNoor University, April 2008 – Present,
2. Lecturer and Assistant Professor
Payame Noor University of Shahindezh, May 2004 – Present.
3. lecturer
Azad University of Shahindezh, May 2005 – June 2009.
4. Lecturer
Higher Education Center of Shahid Bakeri, sep 2005– sep 2007
Miandoab
5. Lecturer
Imam Ali High School, May 2001 – May 2003,
Zahedan, Sistan and baluchestan, Iran

Taught Courses:

Numerical Analysis I,II- Calculus I,II,III- Ordinary Differential Equations (ODE)- Partial Differential Equation (PDE)- Linear Algebra- Operation Research- Statistic and Probability I,II.

Interests:

Optimal Control of Time Delay Systems, Differential and Delay Differential Equations, Numerical Methods.

Language:

Persian: native speaker, Kurdish: native speaker, Turkish: native speaker, English: good passive skills.

Publications

1. Mahmood Dadkhah, Mohammad HadiFarahi, AghilehHeidari: **Numerical solution of time delay optimal control problems by hybrid of block-pulse functions and Bernstein polynomials**. IMA Journal of Mathematical Control and Information, Volume 35, Issue 2, 2018, Pages 451–477.
2. Mahmood Dadkhah, Mohammad HadiFarahi, AghilehHeydari: **Optimal control of a class of non-linear time-delay systems via hybrid functions**. IMA Journal of Mathematical Control and Information, Volume 34, Issue 1, 2017, Pages 255–270,
3. Mahmood Dadkhah, Mohammad HadiFarahi: **Optimal Control of Time Delay Systems via Hybrid of Block-Pulse Functions and Orthonormal Taylor Series**. 2015, DOI:10.1007/s40819-015-0051-9
4. Mahmood Dadkhah: **Solving Linear Time Varying Systems by Orthonormal Bernstein Polynomials**. 2015; 3(4),194., DOI:10.11648/j.sjams.20150304.15
5. Mahmood Dadkhah, Mohammad HadiFarahi: **Solving Nonlinear Time Delay Control Systems by Fourier series**. 4(6), 2014, 217-226.
6. Mahmood Dadkhah: **An algorithmic method for stochastic differential equations**. Iranian 3th Financial Mathematics Conference; 2013
7. Mahmood Dadkhah, M. H. Farahi: **Application of successive approximation method in solving an optimal control problem for heat equation**. Iranian National Conference On Mathematics And Its Application; 2012
8. Mahmood Dadkhah: **Application of Markove chains in stochastic fuzzy forecasting of stock index**. Iranian 10th Statistical Conference;

2010

Other reports and academic activities

Reviewer for

1. Transactions of the Institute of Measurement and Control
2. Optimal Control Applications and Methods
3. Control and Optimization in Applied Mathematics

Web Address:

<http://en.cv.pnu.ac.ir/Home/JournalPartial/mahmood.dadkhah>

Google Scholar:

<https://scholar.google.co.in/citations?user=yΔ\iFXsAAAAJ&hl=en>

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