

# 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

9. Mahmood Dadkhah: **An algorithmic method for the solution of stochastic differential equations**. Iranian 3th financial mathematics and applications Conference; 2012.
10. Mahmood Dadkhah: **An algorithmic method for the solution of stochastic differential equations**. Iranian 3th financial mathematics and applications Conference; 2012.

### **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=y51iFXsAAAAJ&hl=en>

**Researchgate:**

[https://www.researchgate.net/profile/Mahmood\\_Dadkhah](https://www.researchgate.net/profile/Mahmood_Dadkhah)

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