



# Reza Dehghan

## Curriculum Vitae

*"In the name of ALLAH"*

### Education

- 2017 **Ph.d.**, *The University of Guilan*, Rasht.  
Applied Mathematics(Control and Optimization)
- 2004 **M.Sc.**, *The University of Sistan and Baluchestan*, Zahedan.  
Applied Mathematics
- 2002 **B.s.**, *The University of Guilan*, Rasht.  
Applied Mathematics

### M.Sc. Thesis

Title ***Dual Models of Interval DEA and Its Extension to Interval Data***  
Supervisors Dr. Abbas Ali Noura

### Ph.d. Thesis

Title ***Solving a Class of Fractional Order Optimal Control Problems Using Method of Moment***  
Supervisors Dr. Mohammad Keyanpour

### Research Interests

- Control and Optimization
- Numerical Analysis

### Papers, Lectures and Conferences:

#### Papers

- 2012 ***Inverse DEA Model with Fuzzy Data for Output Estimation.***  
Iranian Journal of Optimization

*Khozestan – Masjed-Soleiman*

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- 2012 ***The identification of efficiency by using fuzzy numbers***  
International Journal of Mathematical Modelling  
Computations
- 2014 ***Genetic and differential evolution algorithms for the allocation of customers to potential distribution centers in a fuzzy environment***  
The International Journal of Advanced Manufacturing Technology
- 2015 ***A numerical approximation for delay fractional optimal control problems based on the method of moments***  
IMA Journal of Mathematical Control and Information
- 2015 ***Optimal control of a system governed by volterra integral equations***  
Afrika Matematika
- 2017 ***A semidefinite programming approach for solving fractional optimal control problems***  
Optimization
- 2018 ***State Parametrization Method Based on Shifted Legendre Polynomials for Solving Fractional Optimal Control Problems***  
International Journal of Applied and Computational Mathematics
- 2018 ***A numerical method based on Cardan polynomials for solving optimal control problems***  
Afrika Matematika

## Computer skills

- Basic JAVA
- Intermediate  $\LaTeX$
- Advanced MATLAB.

## Languages

- Persian **Mothertongue**
- English **Intermediate**
- Arabic **reading and briefly speaking**