Curriculum Vitae

PERSONAL INFORMATION:

Family Name: Darijani
First Name: Ali
Gender: male
Date of Birth: September 22th, 1977
Place of Birth: Bam, IRAN
Marital Status: Couple
Nationality: Iranian
Country: IRAN
Present Address: Azadi square**,** Bouali gharbi Ave., Mahdieh st.,Bam,Iran
Present Phone:
Present email   darijaniali@gmail.com , a.darijani@bam.ac.ir

EDUCATIONAL QUALIFICATION

Ph.D:

Entrance Year: 2007
Degree will be passed: Ph.D. in applied mathematics
Name and Location of University: Shahid Bahonar Kerman University
Main Subject: Applied mathematics
Supervisors: Prof. M. Mohseni and Dr. M.A. Vali
Thesis Title: solution of integral equations by best approximations polynomials

Total Average: 18 / 20

Graduate:

Entrance Year: 2000
Degree passed: M.Sc. in applied mathematics
Name and Location of University: Shahid Bahonar Kerman University
Supervisors: Prof. Tata
Thesis title: Game theory
Main Subject: applied mathematics.
Total Average: 16.75 / 20

Undergraduate:

    Year: 09 / 1995- 01/ 1999
    Degree Passed: B.Sc. mathematics
    Main Subject: mathematics
    Name and Location of University: Shahid Bahonar Kerman University
    Total Average: 14.17 / 20

High School (Secondary School):

    Year: 1991-1995
    Degree Passed: Diploma
    Main Subject: Mathematics & Physics
    Name and Location of School: Horr
    Total average: 16.5/20

Main Research themes:

- Game Theory
- Best Approximation
- Integral Equations
- Differential Equations

Teaching:

- Calculus
- Engineering Mathematics
- Numerical Computations and Analysis
- Numerical Linear Algebra
- Operations Research 1 and 2
- Mathematical analysis 1, 2 and 3
- Discrete Mathematics
- Advanced Real Analysis
- Advanced Engineering Mathematics
- Partial Differential Equations

Background Courses:

- Advanced Real Analysis
- Functional Analysis(Grade A)
- Advanced Numerical Analysis (Grade A)
- Topics in Real Analysis (Grade A)
- Topics in Numerical Analysis(Top score)
- Topics in Integral Equations(Top score)
- Advanced Operations Research 1 , 2 (Top Score)

Publications:

1-A. Darijani, M. Mohseni- Moghadam, Improved polynomial approximations for the solution of nonlinear, Scientia Iranica, Volume 20, Issue 3, June 2013, Pages 765–770.

 2- A. Darijani, M. Mohseni- Moghadam, Numerical solving Volterra integral equations by linear programming, The 45th Annual Iranian Mathematics Conference.

3- A. Darijani, Numerical solution of Hammerstein Volterra integral equations by using of polynomials, The 46th Annual Iranian Mathematics Conference.

4- A. Darijani, Z. Monfared, Investigating the effect of a discontinuous damping on the vibrations of nonlinear pendulum, First Conference on Mechanical Behavior Modeling of Materials- Shahid Bahonar University of Kerman.

5-A. Darijani, Numerical solution of Volterra integral equations based on integral mean value theorem, 7-th seminar on Numerical Analysis and Its Applications, Shahid Bahonar university of Kerman.

6-A. Darijani, Numerical solution of the first kind integral equations based on the regularization and minimazation residual function, 7-th seminar on Numerical Analysis and Its Applications, Shahid Bahonar university of Kerman.

7- A. Darijani, Polynomial approximations for the solution of two-dimensional linear Volterra integral equations, 4-th National Industrial Mathematics Conference, Tabriz.

8- A. Bagheri, H. Darijani and A. Darijani, On the effect of temperature gradient on the stability of circular tubes made of hyperelastic entropic material **, International Journal of Non-Linear Mechanics, 95, 93-102, 2017**