



**Zeynab Saeidian**

Assistant Professor

College: Faculty of Mathematics

Department: Applied Mathematics

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#### Education

Degree	Graduated in	Major	University
BSc	2008	Applied Mathematics	University of Tehran
MSc	2010	Applied Mathematics Operations Research	University of Tehran
Doctoral	2015	Applied Mathematics Nonlinear Optimization	K.N.Toosi University of Technology

#### Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
University of Kashan	Faculty member	Tenure Track	Full Time	10

#### Awards

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- Ranking number 2 among all students, Department of Mathematics, Tehran University, Tehran, Iran, 2008
- Ranking number one in PhD, Department of Mathematics, KNTU, Tehran, Iran, 2015
- Member of young advisors of rector of KNTU

#### Subjects Taught

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Optimization

## Executions And Scientific Activities

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Member of Executive Committee of 2th and 3th workshop of Optimizations and its applications.

## Course Topics

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Calculus 1-Calculus 2- Linear optimization-Nonlinear optimization-Operations Research1- Operations Research2- Numerical Analysis-Linear Algebra- Differential Equations-Mathematics Softwares.

## Workshops

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- 1) Second Workshop on Optimization and its Applications, K.N. Toosi University of Technology, Tehran, Iran, May 2010
- 2) Third Workshop on Optimization and its Applications, K.N. Toosi University of Technology, Tehran, Iran, May 2011

## Conferences

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### Papers in Conferences

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1. [zeinab saeidian ,A Subsampled cubic regularization trust region method ,The 11 th International Conference of Iranian Operations Research ,Kermanshah ,2018 05 02.](#)
2. [Zeinab Saeidian ,An efficient trust region method for solving nonlinear systems of equations ,50th annual Iranian mathematics conference ,2019 08 26.](#)
3. [zeinab saeidian ,A new trust region algorithm for solving nonlinear systems based on a simple subproblem ,49th Annual Iranian Mathematics Conference ,Tehran ,2018 09 23.](#)

### Papers in Journals

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1. [Z. Saeidian, M. Mahmoud oghli,A Proximal Method of Stochastic Gradient for Convex Optimization,Control and Optimization in applied mathematics,2023 05 08.](#)
2. [Z . Saeidian and M . Reza Peyghami,An adaptive nonmonotone trust region method for unconstrained optimization problems based on a simple subproblem,Iranain Journal of Numerical Analysis and Optimization,2016.](#)
3. [Z . Saeidian, M . Reza Peyghami , M . Habibi , SH . Ghasemi,A new trust - region method for solving systems of equalities and inequalities,Comput . and Appl . Math,2015.](#)
4. [D. AtaeeTarzanagh, Z.Saeidian, M. Reza Peyghami, H. Mesgarani,A new trust region method for solving least-square transformation of system of equalities and inequalities,Optimization Letter,2015.](#)
5. [Zeinab Saeidian ,& Farshid Arzani,An Improved Trust Region Method Equipped by Filter Technique,Mathematics Interdisciplinary Research,2022 12 22.](#)