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h-index (Scopus):

1

Citations (Scopus):

33

Supervised MSc Theses

#	Thesis title	By	Date
1	Strongly Proper Efficient Solutions : Efficient Solutions with bounded Trade-Offs	Hamed Sharifpour & Ehsan Allah Banifatemi	September 2018
2	Characterizing ϵ -properly efficient solutions	Pouya Aghaei Pour & Ehsan Allah Banifatemi	June 2018
3	Natural gas transportation network under uncertainty	Shirin Fath Alizadeh Kalkhoran & Ehsan Allah Banifatemi	February 2018
4	Development of infrastructure networks for AFV	Azin Khaleghi & Ehsan Allah Banifatemi	February 2018
5	Hybridizes column generation and decomposition method for production planning	Fatemeh Rabie Kashanaki & Ehsan Allah Banifatemi	February 2018
6	Modified Benders Decomposition For MIP	Mohammadnasir Yar Ahmadi & Ehsan Allah Banifatemi	February 2018
7	algorithmic architecture	Ali Kheirkhah Gheh & Ehsan Allah Banifatemi	February 2017
8	Pricing American options under stochastic volatility with nonsmooth payoffs.	Mohammad Sarabi Aghdam & Ehsan Allah Banifatemi	February 2017
9	Optimal preconditioners for different functions of matrices.	Elahe Bolourchian & Ehsan Allah Banifatemi	October 2016

10	robot motion planning based on minimalism approach	Fariba Arabi Eski Kand & Ehsan Allah Banifatemi	September 2016
11	The Solution of Boussinesq Partial Differential Equations by The Method of Lines	Morteza Noroozi & Ehsan Allah Banifatemi	February 2016
12	The Numerical Solution of Stefan Problem via Meshless Techniques	Mahboubeh Najafi & Ehsan Allah Banifatemi	February 2016
13	The Use of Symbolic Computation for Solving some Partial Differential Equations	Elham Soufiani & Ehsan Allah Banifatemi	November 2015
14	Block boundary value method for the numerical solution of time_dependent partial differential equations	Farkhonde Sharifi & Ehsan Allah Banifatemi	September 2015
15	Compact finite difference method for the numerical solution of the fractional partial differential equations	Mansour Safarpour & Ehsan Allah Banifatemi	September 2015
16	Algorithms for computing the matrix pth root.	Ehsan Varghaee & Ehsan Allah Banifatemi	August 2015
17	Iterative techniques for sparse systems of linear equations with a coefficient matrix of symmetric positive definite type	Reza Mohammadi Arani & Ehsan Allah Banifatemi	February 2015
18	Meshless methods for the numerical solution of the stochastic partial differential equations	Mohammad Shirzadi & Ehsan Allah Banifatemi	February 2015
19	The use of radial basis functions for the numerical solution of system of time-dependent partial differential equations	Vahid Mohammadi & Ehsan Allah Banifatemi	February 2015
20	The numerical solution of high-order boundary value problems	Jahangir Alizadeh & Ehsan Allah Banifatemi	October 2014
21	The numerical solution of Maxwells equations using the meshless methods	Mina Haghjoo Saniji & Ehsan Allah Banifatemi	October 2014
22	Numerical solutions for tumor and cellular immune system interactions in cancer	Reihane Cheraghi & Ehsan Allah Banifatemi	October 2014
23	The numerical solution of Benjamin parial differntial equation via the spectral methods.	Tahereh Molaee & Ehsan Allah Banifatemi	October 2014
24	Robust Network flow Optimization and its application in transportation	Fateme Yazdanifar & Ehsan Allah Banifatemi	January 2014
25	The Conditional Value-at-Risk approach in stochastic network optimization	Azadeh Bahmaninezhad & Ehsan Allah Banifatemi	October 2013
26	Network interdiction problem ,Theory,Algorithms and Application .	Fateme Aghababaei & Ehsan Allah Banifatemi	October 2013
27	solving the(n,1,1,alpha) center problem in two dimension	Pardis Kavand & Ehsan Allah Banifatemi	October 2013
28	The vehicle routing VRP in product distribution system	Kamran Yahyaie & Ehsan Allah Banifatemi	January 2013
29	Solving large- scale least squares semidefinite programming	Fateme Babaee & Ehsan Allah Banifatemi	November 2012
30	Operational scheduling of petraleum products via pipeline	Neda Beheshti Asl & Ehsan Allah Banifatemi	November 2012
31	The newton -HSS method for solving systems for nonlinear equations	Majid Haghi & Ehsan Allah Banifatemi	November 2012

32	Local RBF based differential quadrature LRBFDQ method for numerical solution of ordinary	Ahmad Nikpourahmadi & Ehsan Allah Banifatemi	January 2012
33	Constraint preconditioning for solving nonsymmetric indefinite linear systems and its application	Fatemeh Abdi & Ehsan Allah Banifatemi	September 2011

Books

#	Title	Author(s)	Publisher country	publication date	version
Portal Records					
1	Ordinary Differential Equations-Part 1	Ehsan Allah Banifatemi, A.Tehranchi , E. Nazari	Iran (Islamic Republic of)	March 2012	1
2	Ordinary Differential Equations-part 2	E.Aminifar , Ehsan Allah Banifatemi, A. Parsian	Iran (Islamic Republic of)	April 2012	1


Journal Papers








Portal Records	
1	Ehsan Allah Banifatemi, [en-name N/A], Sohrabali Yoosefi, "Two-dimensional Legendre wavelets method for the mixed Volterra-Fredholm integral equations", , September 2007 Vol. , Num. 13, Page 0-0, September 2007,
2	Sohrabali Yoosefi, Ehsan Allah Banifatemi, "Numerical Solution of Fredholm Integral Equations by Using CAS Wavelets", , December 2006 Vol. , Num. 183, Page 0-0, December 2006,

Conference Papers

Portal Records	
1	S.Ali Mirhassani, Neda Beheshti Asl, Ehsan Allah Banifatemi, "Scheduling Multi-Product Petroleum Pipeline by Heuristic Algorithm ", 9th International Industrial Engineering Conference, January 2013
2	Ehsan Allah Banifatemi, "Numerical solution the fredholm integral equations by using CAS wavelets ", , September 2009
3	[en-name N/A], Ehsan Allah Banifatemi, "Numerical solution of nonlinear ODEs and PDEs by using multiwavelet ", , June 2007
4	Ehsan Allah Banifatemi, "Legendre scaling function for solving of generalized emden- fowler equations ", , September 2006

Taught Courses

#	Course title	Description	Headlines	Date
1	Differential Equations	Many laws governing natural phenomena are relations (equations) involving rates at which things happen (derivatives). Equations containing derivatives are differential equations		Spring 2022

2	Differential Equations	Many laws governing natural phenomena are relations (equations) involving rates at which things happen (derivatives). Equations containing derivatives are differential equations		Spring 2022
3	Differential Equations	Many laws governing natural phenomena are relations (equations) involving rates at which things happen (derivatives). Equations containing derivatives are differential equations		Fall 2021
4	Differential Equations	Many laws governing natural phenomena are relations (equations) involving rates at which things happen (derivatives). Equations containing derivatives are differential equations		Spring 2021
5	Differential Equations	Many laws governing natural phenomena are relations (equations) involving rates at which things happen (derivatives). Equations containing derivatives are differential equations		Spring 2021
6	Differential Equations	Many laws governing natural phenomena are relations (equations) involving rates at which things happen (derivatives). Equations containing derivatives are differential equations		Fall 2020
7	Differential Equations	Many laws governing natural phenomena are relations (equations) involving rates at which things happen (derivatives). Equations containing derivatives are differential equations		Fall 2020
8	Differential Equations	Many laws governing natural phenomena are relations (equations) involving rates at which things happen (derivatives). Equations containing derivatives are differential equations		Fall 2020