



Amirkabir University of Technology
(Tehran Polytechnic)



S.Majid Nourhoseini

Assistant Professor
Department of Computer Engineering
Software

Email:
majidnh@aut.ac.ir

Phone:

h-index (Scopus):

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Citations (Scopus):

9

Supervised MSc Theses

#	Thesis title	By	Date
1	Video Similarity Detection Using Content-based Video Classification	Sahar Sadat Tabaian & S.Majid Nourhoseini	February 2019
2	An Improved Fraud Detection Algorithm in Telecommunication Using CallDetail Record Processing	Dariush Salami & S.Majid Nourhoseini	February 2019
3	Improve targeted advertising based on user interests and behavior modeling in social networks	Shirin Khosravi & S.Majid Nourhoseini	December 2018
4	Software Quality Assessment based on Object Oriented Design Pattern	Mahsa Omidvar Sarkandi & S.Majid Nourhoseini	October 2018
5	Task Scheduling and Bidding in Interruptible Cloud Services	Asmae Heydari Tabar & S.Majid Nourhoseini	February 2016
6	Security Improvement In The Local Area Networks Using Software-Defined Networking Approach	Hesam Naderi Dehkordi & S.Majid Nourhoseini	February 2016
7	Cloud – Assisted Video Streaming in Peer to Peer Networks	Mehran Khaksar Haghani Dehkordi & S.Majid Nourhoseini	October 2015
8	Continuous video playback improvement in video streaming applications over mobile ad hoc networks using multiple description coding approach	Shahram Ghoraba & S.Majid Nourhoseini	February 2015
9	Analysis of design choices for CDN networks regarding their scalability, quality of delivered content and coast	Masoumeh Chahardovali & S.Majid Nourhoseini	October 2014

10	Design and analysis of a QoS-aware middleware for video streaming	Hessamaldin Mohammadi & S.Majid Nourhoseini	October 2014
11	providing incentive in video streaming applications in peer-to-peer networks based on payment@ret minimization	Rojin Aslani & S.Majid Nourhoseini	October 2013
12	QOS improvment in video streaming applications over MANET based on analytical model of per-node behavior	Maryam Karimi & S.Majid Nourhoseini	October 2013
13	Improving quality of service in voice transmission over internet network through classification of requirements	Nikan Chavoshi & S.Majid Nourhoseini	September 2013
14	Guided visual search as a new optimizer and its approach on flexible link control	Sajjad Yazdani & S.Majid Nourhoseini	July 2013
15	Application of chaotic encryption techniques in a mechatronic system implementing a choatic encryptor	Milad Safaei & S.Majid Nourhoseini	February 2013
16	user modeling and adapting user interface in tactile mobile devices using stereotype building	Seyed Ali Majid Zonoozi & S.Majid Nourhoseini	February 2013
17	developing a video coding and decoding system based on compressed sensing theory	Samad Roohi & S.Majid Nourhoseini	October 2012
18	service oriented architecture framework	Maleknaz Nayebi & S.Majid Nourhoseini	July 2012
19	analyzing the relationship between it governance and business/it alignment maturity	Ahmad Radmehr & S.Majid Nourhoseini	May 2012
20	reducing the sidelobe level of the circular phased array antennas using machine learning algorithms	Amir Hosein Zangane & S.Majid Nourhoseini	February 2012
21	Real-Time Robust Target Detection and Tracking: A Prototype Implementation	Mohammad Hassan Saghafi & S.Majid Nourhoseini	February 2012
22	multi-path rotng aware of the priority streams in Mobile Ad hoc Network	Sajad Soroush & S.Majid Nourhoseini	January 2012
23	improving the quality of delivered video in peer-to-peer streaming applications considering the impact of selfish peers	Zahra Ghafoori & S.Majid Nourhoseini	January 2012
24	improving quality of delivered video in peer-to-peer streaming applications considering user behavior model	Afsoon Yoosefi Zouj & S.Majid Nourhoseini	January 2012
25	Cooperative master_ slave system desing and control for handling of undefined bar	Reza Mohajerpoo & S.Majid Nourhoseini	September 2011
26	design of an adaptive image processing and transferring system for a rov	Abozar Hossein Zadeh Gotb Abad & S.Majid Nourhoseini	July 2011
27	resource allocation in wireless sensor networks using agent learning	Khadejeh Mohammadzadeh Ayoghi & S.Majid Nourhoseini	February 2011
28	using agent-oriented software engineering for optimization of data fusion in wsns	Atefehsadat Seyedali & S.Majid Nourhoseini	February 2011
29	using support vector machines for localization in wireless sensor networks	Reza Samadian & S.Majid Nourhoseini	October 2010
30	Improved data aggregation in wireless sensor network using ant colony and learning automata	Malihe Asemani & S.Majid Nourhoseini	July 2010
31	Multi Query Optimization in Wireless Sensor Networks Based on Data Approximation	Hanieh Bagheri & S.Majid Nourhoseini	July 2010

32	Sonar based path planning and implementation for autonomous underwater vehicle	Reza Asadi & S.Majid Nourhoseini	January 2010
33	a Qos-Aware multipath routing protocol for streaming multimedia over wireless Ad hoc networks	Ehsan Khosrowshahi Asl & S.Majid Nourhoseini	June 2009
34	An approach to interoperability in digital rights management (interoperability in DRM)	Alireza Tabrizi & S.Majid Nourhoseini	May 2009
35	QOS improvment in streaming of IPTV with error correction	Mahila Dadfarnia & S.Majid Nourhoseini	February 2009
36	State matrix representation-based operation planning in multi-robot environment	Atieh Mirshahvalad & S.Majid Nourhoseini	January 2009
37	user modeling via stereotypes building for user interface adaptation	Arin Ghazarian & S.Majid Nourhoseini	December 2008

Journal Papers

Portal Records

- Maryam Chinipardaz, S.Majid Nourhoseini, "Joint Distributed Cell Association and Interference Management in OFDMA-based Heterogeneous Networks", Transactions on Emerging Telecommunications Technologies, May 2018 Vol. 29, Num. 5, Page 1-20, May 2018,
- Maryam Chinipardaz, S.Majid Nourhoseini, "A study on cell association in heterogeneous networks with joint load balancing and interference management", TELECOMMUNICATION SYSTEMS, January 2018 Vol. 66, Num. 1, Page 1-20, January 2018,
- Reza Mohajerpour, S.Mehdi Rezaei, Heidar Ali Talebi, S.Majid Nourhoseini, Reza Monfaredi, "A Robust Adaptive HYBRID FORCE/POSITION CONTROL SCHEME OF TWO PLANAR MANIPULATORS HANDLING AN UNKNOWN OBJECT INTERACTING WITH AN ENVIRONMENT", PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART I- JOURNAL OF SYSTEMS AND CONTROL ENGINEERING, December 2011 Vol. 0, Num. 0, Page 0-0, December 2011,
- Reza Samadian, S.Majid Nourhoseini, "Probabilistic Support Vector Machine Localization in Wireless Sensor Networks", ETRI JOURNAL, December 2011 Vol. 33, Num. 6, Page 924-934, December 2011,
- Ehsan Khosrowshahi Asl, S.Majid Nourhoseini, Atieh Saberi Pirouz, "A Dynamic Ant Colony Based Routing Algorithm for Mobile Ad-hoc Networks", JOURNAL OF INFORMATION SCIENCE AND ENGINEERING, August 2011 Vol. 27, Num. 27, Page 1581-1596, August 2011,
- Abozar Hossein Zadeh Gotb Abad, S.Majid Nourhoseini, "Optimal complexity for discriminant analysis", PRZEGLAD ELEKTROTECHNICZNY, July 2011 Vol. 87, Num. 87, Page 193-198, July 2011,
- S.Majid Nourhoseini, "State Matrix Representation of Assembly and Robot Planning", , February 1997 Vol. 13, Num. 1, Page 0-0, February 1997,

Conference Papers

Portal Records

- Maryam Chinipardaz, S.Majid Nourhoseini, "A distributed algorithm for joint cell and sub band assignment in heterogeneous networks ", IKT2017, October 2017
- Maryam Karimi, Mehdi Dehghan Takht Fooladi, S.Majid Nourhoseini, "A systematic framework for dynamically optimizing delay-sensitive wireless transmission ", The International Symposium on Artificial Intelligence and Signal Processing (AISP), March 2015

- 3 Maryam Karimi, Vesal Hakami, Mehdi Dehghan Takht Fooladi, S.Majid Nourhoseini, "Improving QoS of video streaming applications over wireless networks using reinforcement learning ", 22nd Iranian Conference on Electrical Engineering (ICEE 2014), May 2014
- 4 Zahra Ghafoori, Mehdi Dehghan Takht Fooladi, S.Majid Nourhoseini, "PPayWord: A Secure and Fast P2P Micropayment Scheme for Video Streaming ", Symposium on Computer Networks and Distributed Systems (CNDS), January 2014
- 5 Mohammad Hossein Namaki, Behdad Bakhshinategh, S.Majid Nourhoseini, Mehdi Dehghan Takht Fooladi, "Expressmind:recommending contents in an anonymous social network ", 3rd International Conference on Computer and Knowledge Engineering 2013, October 2013
- 6 Samad Roohi, S.Majid Nourhoseini, Jafar Zamani, Hamidreza Salighe Rad, "Low Complexity Distributed Video Coding Using Compressed Sensing ", 8th Iranian Conference on Machine Vision and Image Processing, September 2013
- 7 S.Majid Nourhoseini, Maleknaz Nayebi, "Service Explorlation:Collaboration of Information centric and Activity-Centric business process ", 5th International Conference on Interaction Scirnces 2010 (ICIS2012, July 2012
- 8 Samad Roohi, Jafar Zamani, S.Majid Nourhoseini, Mohammad Rahmati, "Super -Resolution MRI Images Using Compressive Sensing ", 20th Iranian Conference on Electrical Engineering, May 2012
- 9 Reza Mohajerpour, S.Mehdi Rezaei, Heidar Ali Talebi, S.Majid Nourhoseini, "An adaptive hybrid force/position control scheme of two planar manipulators handling an unknown object interacting with an environment ", ASME 2011 International Mechanical Engineering Congress & Exposition, November 2011
- 10 Hanieh Bagheri, S.Majid Nourhoseini, "Multiple Query Optimization based on Data Prediction in Wireless Sensor Networks ", 5th International Symposium on Telecommunications - IST 2010, December 2010
- 11 Reza Samadian, S.Majid Nourhoseini, "Improvements in Support Vector Machine Based Localization in Wireless Sensor Networks ", 5th International Symposium on Telecommunications -IST 2010, December 2010
- 12 Hanieh Bagheri, S.Majid Nourhoseini, Masoud Sabaei, "Optimizing multiple queries based on data approximation in wireless sensor networks ", 15th CSI Computer Conference - CSICC10, February 2010
- 13 Ehsan Khosrowshahi Asl, Morteza Damanafshan, S.Majid Nourhoseini, "EMP-DSR: An Enhanced Multi-path Dynamic Source Routing Algorithm for MANETs Based on Ant Colony Optimization ", , May 2009
- 14 Hadi Alipour Gorandani, Ehsan Khosrowshahi Asl, S.Majid Nourhoseini, "ACO FCR Applying ACO Based Algorithms to Induct FCR ", , July 2008
- 15 S.Majid Nourhoseini, "An integrated robotic development environment for task planning and obstacle avoidance ", , July 1996
- 16 S.Majid Nourhoseini, "Robot Action Planning Using State Matrix Representation ", , September 1994
- 17 S.Majid Nourhoseini, "Algorithmic approach to action planning for assembly automation using state matrix representation ", , August 1994
- 18 S.Majid Nourhoseini, "GORP: a new method for mobile robot path-planning problem ", , May 1993
- 19 S.Majid Nourhoseini, "Task Planning for Circuit Board Repair in a Robotic Workcell ", , August 1991

Inventions/Patents

#	Invention title	Reg. number	Country	contributors	Reg. date	Exp. date
1	1.AMethod for correlating event indicaors relating to to a system comprising;	26			2004/03/1	2024/03/1

