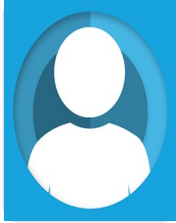




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Citations (Scopus):

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### Supervised MSc Theses

#	Thesis title	By	Date
1	Users Similarity Measure in Social Network	Mohammadnavid Ghader & Seyyed Naser Hashemi	August 2021
2	phase transition for 3-sat and 3-coloring problems using reduction	Mohamad Mamghaderi & Seyyed Naser Hashemi	July 2020
3	Representing a measure for topological clustering with instance-level constraints	Milad Yarmohammadi & Seyyed Naser Hashemi	February 2020
4	Transductive transfer learning with partially labeled target for for feature Space variant problems	Amir Hosein Yazdani Abyane & Seyyed Naser Hashemi	October 2019
5	Non-Interactive Zero-Knowledge fore NP fromlearning with ERROR	Maryam Rezapour & Seyyed Naser Hashemi	July 2019
6	Random Sequence EXtraction from imperfect Sources	Mohammad Mollaahmadi & Seyyed Naser Hashemi	February 2019
7	solving a hard problem in graph coloring with dna computing	Soodeh Safaei & Seyyed Naser Hashemi	October 2018
8	guarding art galleries with linear visibility	Razieh Sadat Emam & Seyyed Naser Hashemi	July 2018
9	Minimum Enclosing circle of mobilepoints in the plane	Jalal Jaberi & Seyyed Naser Hashemi	February 2018
10	Modeling and property analysis of large graphs	Leila Talae & Seyyed Naser Hashemi	July 2017

11	a random algorithm for symmetric encryption	Navid Oboodi & Seyyed Naser Hashemi	October 2016
12	Expander graphs and derandomization	Javid Mohajery Jolandan & Seyyed Naser Hashemi	February 2016
13	Expansion Properties and clustering of large graphs	Asma Zeynali & Seyyed Naser Hashemi	October 2015
14	Dimentionality Reduction Using Manifold Learning Methods	Rahmatollah Mohammadi & Seyyed Naser Hashemi	February 2015
15	An Approximation Method for Haplotypes Inference By Maximum Parsimony Approach	Mahdieh Dehghan Manshadi & Seyyed Naser Hashemi	October 2014
16	An Approximation Algorithm Design for a cut Optimization Problem	Ramin Yarinezhad & Seyyed Naser Hashemi	October 2013
17	Reconstructing evolutionary inter relationships of species based on rooted triplets	Alireza Zamany Zeynali & Seyyed Naser Hashemi	February 2013
18	Spanner network construction with minimum number of edges	Moslem Dalirian & Seyyed Naser Hashemi	November 2012
19	Face detection using model based methods	Masoumeh Abolfathi & Seyyed Naser Hashemi	November 2012
20	Modeling malware propagation in order to improve network worms detection	Mohammad Taghi Ramezani & Seyyed Naser Hashemi	October 2012
21	Computer vision approach for analysis of plasticity of root of arabidopsis plant	Hamid Reza Farhidzadeh & Seyyed Naser Hashemi	July 2012
22	An algorithmic framework for wireless networks information flow with network coding	Meisam Navaki Arefi & Seyyed Naser Hashemi	January 2012
23	Analytical Modeling of Fault-Tolerant Mechanisms for Hyperx Interconnection Network	Sadun Azizi & Seyyed Naser Hashemi	January 2012
24	Comparison performance of fault tolerant broadcast routing algorithms in interconnection networks	Hadi Joghataee & Seyyed Naser Hashemi	February 2011
25	Network -based epidemic modeling	Farzaneh Salari & Seyyed Naser Hashemi	February 2011
26	Reconstructing phylogenetic network from set of rooted triplets or unrooted quartets	Soheil Jahangiri Tazeh Kand & Seyyed Naser Hashemi	February 2011
27	Modeling of epidemic based on stochastic differential equations	Fazeleh Sadat Mohseni Salehi Monfared & Seyyed Naser Hashemi	November 2010
28	a method based on cognitive studies on constructing neural networks using neurogenesis	Seyed Ehsan Safavieh & Seyyed Naser Hashemi	January 2010
29	using computational geometry algorithms in task recognition & allocation	Atiyehsadat Dibajiforushani & Seyyed Naser Hashemi	January 2010
30	using computational geometry algorithms in point set matching	Fatemeh Panahi & Seyyed Naser Hashemi	December 2009
31	motion planning under visibility constraints	Azadeh Tabatabaei & Seyyed Naser Hashemi	September 2009

## Journal Papers

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- 1 Mahdi Imanparast, Seyyed Naser Hashemi, "A linear time randomized approximation algorithm for Euclidean matching", JOURNAL OF SUPERCOMPUTING, May 2019 Vol. 75, Num. 5, Page 2648-2664, May 2019,
- 2 Mahdi Imanparast, Seyyed Naser Hashemi, "A simple greedy approximation algorithm for the unit disk cover problem", AUT Journal of Mathematics and Computing, August 2018 Vol. 0, Num. 0, Page 1-13, August 2018,
- 3 Maedeh Sadat Tahaei, Seyyed Naser Hashemi, "GRAPH CHARACTERIZATION BY COUNTING SINK STAR SUBGRAPHS", JOURNAL OF MATHEMATICAL IMAGING AND VISION, September 2016 Vol. 0, Num. 0, Page 1-18, September 2016,
- 4 Maedeh Sadat Tahaei, Seyyed Naser Hashemi, "The coefficients of the reduced Bartholdi zeta function", LINEAR ALGEBRA AND ITS APPLICATIONS, July 2016 Vol. 509, Num. 0, Page 1-18, July 2016,
- 5 Sadoon Azizi, Seyyed Naser Hashemi, Ahmad Khonsari, "HHS: an efficient network topology for large-scale data centers", JOURNAL OF SUPERCOMPUTING, January 2016 Vol. 71, Num. 1, Page 1-26, January 2016,
- 6 Mansoor Davoodi Monfared, Fatemeh Panahi, Ali Mohades Khorasani, Seyyed Naser Hashemi, "Clear and smooth path planning Volume 32, July 2015, Pages 568–579", APPLIED SOFT COMPUTING, July 2015 Vol. 32, Num. 1, Page 568-579, July 2015,
- 7 Sadoon Azizi, Seyyed Naser Hashemi, Mohammad Amiri Zarandi, "Comparison between Topological Properties of HyperX and Generalized Hypercube for Interconnection Networks", The Journal of Mathematics and Computer Science, October 2013 Vol. 9, Num. 2, Page 111-122, October 2013,
- 8 Soheil Jahangiri Tazeh Kand, Seyyed Naser Hashemi, Hadi Poormohammadi, "New Heuristics for Rooted Triplet Consistency", Algorithms, June 2013 Vol. 6, Num. 3, Page 396-406, June 2013,
- 9 Sadoon Azizi, Farshad Safaei, Seyyed Naser Hashemi, "On the topological properties of HyperX", JOURNAL OF SUPERCOMPUTING, May 2013 Vol. 66, Num. 1, Page 572-593, May 2013,
- 10 Mansoor Davoodi, Fatemeh Panahi, Ali Mohades Khorasani, Seyyed Naser Hashemi, "Multi-Objective Path Planning in Discrete Space", APPLIED SOFT COMPUTING, January 2013 Vol. 1, Num. 13, Page 709-720, January 2013,
- 11 Maedehsadat Tahaei, Seyyed Naser Hashemi, Ali Mohades Khorasani, Amin Gheibi, "Geometric algorithm for dominant point extraction from shape contour", PATTERN ANALYSIS AND APPLICATIONS, December 2012 Vol. 2, Num. 2, Page 1-16, December 2012,
- 12 Mohammad Amiri, Seyyed Naser Hashemi, F.Safaei , Sadun Azizi, "Performance analysis of a fault tolerant multistage interconnection network with backpressure blocking mechanism", Journal of American Science, June 2012 Vol. 8, Num. 7, Page 127-134, June 2012,
- 13 Somayah Kazami Najaf Abadi, Ayaz Ghorbani, Seyyed Naser Hashemi, "Deployment of the meta heuristic Colonial Competitive Algorithm in synthesis of unequally spaced linear antenna array", IEICE ELECTRONICS EXPRESS, December 2011 Vol. 8, Num. 24, Page 2048-2053, December 2011,
- 14 Mohammad Reza Nami, Seyyed Naser Hashemi, "Investigating a new formal model for autonomous virtual organization using RAISE method", International Journal of Networking and Virtual Organisations, June 2009 Vol. 7, Num. 6, Page 505-513, June 2009,

## Conference Papers

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- 1 Mahdi Imanparast, Seyyed Naser Hashemi, Ali Mohades Khorasani, "An Efficient Approximation for Point-set Diameter in Higher Dimensions ", (2018 30th Canadian Conference on Computational Geometry (CCCG, August 2018

- 2 Navid Oboodi, Seyyed Naser Hashemi, "Derandomization of randomized algorithms ", International Conference on Combinatorics, Cryptography and Computation, September 2016
- 3 Navid Oboodi, Seyyed Naser Hashemi, "Principles of Modern Cryptography ", International Conference on Combinatorics, Cryptography and Computation, September 2016
- 4 Seyyed Naser Hashemi, Masoumeh Soleimani, "Factors in Random Graphs ", The Second International Conference on Mathematics and Statistics, April 2015
- 5 Meisam Navaki Arefi, Seyyed Naser Hashemi, "An Improved Combinatorial Algorithm for Wireless Information Flow ", the 19th Asia-Pacific Conference on Communications, APCC 2013, August 2013
- 6 Hamid Reza Farhidzadeh, Seyyed Naser Hashemi, "Phenotypic Analysis of Arabidopsis Thaliana Root Plant with Improved Feature Extraction and Combining Classifiers Approach ", The 16th CSI International Symposium on Artificial Intelligence and Signal Processing - AISP 2012, May 2012
- 7 Fazeleh Sadat Mohseni Salehi Monfared, Seyyed Naser Hashemi, "Controlling an Influenza Outbreak in Deterministic and Stochastic Models with the Emergence and Evolution of Drug Resistance ", (The 11th International Conference on Computational Science and Its Applications (ICCSA 2011, June 2011
- 8 Seyyed Naser Hashemi, Soheil Jahangiri Tazeh Kand, Hadi Poor Mohammadi, "New Heuristic Algorithms for Constructing Maximum Consensus Evolutionary Tree from a Set of Rooted Triplets ", Annual International Conference on Bioinformatics and Computational Biology - BICB 2011, February 2011
- 9 Vahid Ghasemi, Seyyed Naser Hashemi, Mojtaba Mozaffari, "Connected Dominating Set Construction Using an efficient pruning method in ad hoc networks ", Wireless Internet Conference 2010, March 2010