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Citations (Scopus):

478

Supervised PhD Theses

#	Thesis title	By	Date
1	Optimization of fuel reloading in a material testing reactor using intelligent computational methods	Afshin Hedayat & Ahmad Abdollahzadehbarforoush	December 2009

Supervised MSc Theses

#	Thesis title	By	Date
1	Model to Apply Microservices Orchestration in Microservices Architecture Based Systems	Mahyar Karimi & Ahmad Abdollahzadehbarforoush	February 2022
2	BPMN-Based Modeling of BI Requirement	Mohammadtaghi Mahmoudnasab & Ahmad Abdollahzadehbarforoush	October 2021
3	Proposing a Quality Model for Cleaning and Preparing the Internet of Things Data	Ali Ezzati Jahangir & Ahmad Abdollahzadehbarforoush	October 2021
4	Requirements Engineering in Internet of Things Systems	Farnaz Malekshahi & Ahmad Abdollahzadehbarforoush	September 2020
5	Use data lake to improve generation of business intelligence	Sahar Rahmani & Ahmad Abdollahzadehbarforoush	July 2020

6	Analysis Texts of Social Networks for Requirement (Design and Implementation Tood)	Amirmohammad Ebrahimi & Ahmad Abdollahzadehbarforoush	February 2020
7	Business Analysis using predictive analytics methods in data analysis	Faezeh Sattari & Ahmad Abdollahzadehbarforoush	February 2020
8	Big Data Storage and Retrieval Optimization based on a Quality Model	Fatemeh Ahmadi & Ahmad Abdollahzadehbarforoush	February 2019
9	Quality model of Recommender systems based on gamification	Pariya Izadpanah & Ahmad Abdollahzadehbarforoush	October 2018
10	Quality Model for Service In Large-Scale Systems Based on Cloud Environment	Faezeh Alimadadi & Ahmad Abdollahzadehbarforoush	February 2018
11	Optimization and Evaluation of Big Data Storage and Retrieval With the Introduction of Quality Measurement Indicators for Stored Data	Ronak Bekri & Ahmad Abdollahzadehbarforoush	July 2017
12	Improving Ontology Development Methodologies	Hamid Reza Abbasi Niasar & Ahmad Abdollahzadehbarforoush	July 2017
13	A method for Quality Engineering of Ontology Across the Life Cycle	Mina Ardakani Movaghati & Ahmad Abdollahzadehbarforoush	February 2017
14	Applying Model-Driven Development into Enterprise Application	Mohammad Ghaemifard & Ahmad Abdollahzadehbarforoush	October 2016
15	Intelligent systems modeling using Gaya methodology with architecture testing extention	Akram Rahimi Bagi & Ahmad Abdollahzadehbarforoush	September 2016
16	A New Approach for Big Data Security Management in Cloud Computing Systems	Zohre Rezaei Kinji & Ahmad Abdollahzadehbarforoush	February 2016
17	Engineering IT Metrics in order to Justify New Technologies	Sahar Dehghan & Ahmad Abdollahzadehbarforoush	February 2016
18	Design and implementation of data warehouse in cloud environment	Soheil Mohammadi & Ahmad Abdollahzadehbarforoush	February 2015
19	Service oriented architecture for cloud environment	Ali Kamali & Ahmad Abdollahzadehbarforoush	September 2014
20	New method for validation and verification of data mining systems	Malihe Hashemi & Ahmad Abdollahzadehbarforoush	September 2014
21	a method of ontology validation and verification based on quality engineering	Masoumeh Nourollahi & Ahmad Abdollahzadehbarforoush	February 2014
22	Dynamic strategy in multi-agent systems within negotiation(based on game theory	Mohammad Sadegh Abeyat & Ahmad Abdollahzadehbarforoush	February 2013
23	New requirement process model for critical systems focusing on validation and verification	Rezvan Shiravi & Ahmad Abdollahzadehbarforoush	October 2012
24	new computational ontology with consideration of concept domain for semantic analysis of transaction logs	Mahdieh Monzavi & Ahmad Abdollahzadehbarforoush	October 2012
25	proposing a new method for duplicate record detection in operational databases using semantic analysis	Ali Abdoli & Ahmad Abdollahzadehbarforoush	February 2012

26	using data mining techniques in web log analysis for producing personalized web pages	Fatemeh Jabbari & Ahmad Abdollahzadehbarforoush	February 2012
27	evaluation of machine translation systems architecture to improve hybrid architecture	Ani Megerdounian & Ahmad Abdollahzadehbarforoush	January 2012
28	dynamic ontology for web personalization	Sima Salmani & Ahmad Abdollahzadehbarforoush	February 2011
29	agent based human computer interaction for blind person	Elham Abd Nikooie Pour & Ahmad Abdollahzadehbarforoush	February 2011
30	mapping business process modeling to formal model	Sajjad Zare & Ahmad Abdollahzadehbarforoush	January 2011
31	how to measure organization readiness towards BI:AN Iran case study	Farhad Rasouli & Ahmad Abdollahzadehbarforoush	May 2010
32	New Method for Student Modeling in Intelligent Tutoring Systems	Esmaeel Rezaee & Ahmad Abdollahzadehbarforoush	March 2010
33	Using aspect-oriented approach in evaluation and modeling of nonfunctional requirements in web-based systems design	Elham Moazzen & Ahmad Abdollahzadehbarforoush	March 2010
34	Automatic evaluation of machine translation ,enhancement of n-gram based methods	Besat Zardosht & Ahmad Abdollahzadehbarforoush	January 2010
35	Analysis and design of the evaluating process of data mining system architectures	Elnaz Delpisheh & Ahmad Abdollahzadehbarforoush	September 2009
36	Hybrid method to improve text summarization	Ali Sebti & Ahmad Abdollahzadehbarforoush	June 2009
37	A new approach for tracing quality attributes in service oriented architecture	Farnoush Golshan & Ahmad Abdollahzadehbarforoush	February 2009
38	A new approach for compression in XML databases	Mojdeh Gheraati & Ahmad Abdollahzadehbarforoush	February 2009
39	Cooperative mobile agents recovery in execution time by improvement of message complexity	Milad Khalilian & Ahmad Abdollahzadehbarforoush	January 2009
40	Improving web user modeling automatically using semantics on domain specific concepts	Meisam Ghaderian & Ahmad Abdollahzadehbarforoush	October 2008
41	FLEXIBLE PORTAL BASED ON USER BEHAVIORAL MODEL	Shohre Kazemi & Ahmad Abdollahzadehbarforoush	March 2008
42	ACTIVE DATA MINING USING AGENT	Hossein Morshedlou & Ahmad Abdollahzadehbarforoush	February 2008
43	PRESENTING A SEARCH ALGORITHM BASED ON POPULATION-BASED IN COMBINATORIAL OPTIMIZATION	Masoume Kheirkhzhade & Ahmad Abdollahzadehbarforoush	February 2008
44	The Frame-work to Evaluate DSS Architectures a Practical Approach to Family Financial Planning	Toofigh Mohammadi & Ahmad Abdollahzadehbarforoush	September 2007
45	A NEW APPROACH FOR MODELING AND EVALUATION OF QUALITY ATTRIBUTES (NON-FUNCTIONAL REQUIREMENTS) IN SOFTWARE ARCHITECTURE	Pooya Jaferian & Ahmad Abdollahzadehbarforoush	August 2007

46	CLUSTERING OF TIME SERIES WITH GENETIC ALGORITHMS	Mohammad Sadegh Sheikhaei & Ahmad Abdollahzadehbarforoush	May 2007
47	DESIGNING AN ARCHITECTURE EVALUATION SYSTEM (AES) FOR INFORMATION SYSTEM	Gholamali Nejad Hajali Irani & Ahmad Abdollahzadehbarforoush	March 2007
48	A NEW METHOD FOR DESCRIBING SOFTWARE ARCHITECTURE	Pejman Salehi & Ahmad Abdollahzadehbarforoush	February 2007
49	APPLICATION OF MAS SYSTEMS TO DISTRIBUTED DATA MINING	Gholamhossein Deshmeh & Ahmad Abdollahzadehbarforoush	February 2007
50	LEARNING ALGORITHM IMPROVEMENT FOR ONTOLOGY LEARNING PHASE TO INCREASE SEMANTIC WEB MINING PERFORMANCE	Sima Soltani & Ahmad Abdollahzadehbarforoush	January 2007
51	ESTIMATION OF RULE TRIGGERING PROBABILITY IN ACTIVE DATABASE SYSTEMS TO ACHIEVE AN ACTIVE RULE SELECTION APPROACH	Abbas Rasoolzadegan & Ahmad Abdollahzadehbarforoush	January 2007
52	OPTIMIZING INFORMATION DISCOVERY FROM SEMI-STRUCTURED XML DOCUMENTS	Mina Maleki & Ahmad Abdollahzadehbarforoush	January 2007
53	Improving Search results with data mining in a thematic search Engine applying AI technics	Hassan Zarei Majin & Ahmad Abdollahzadehbarforoush	April 2006
54	Portal development with web mining technique	Parham Moradi Dawlatabadi & Ahmad Abdollahzadehbarforoush	February 2006
55	A NEW APPROACH IN WEB MINING TO CONSTRUCT A PORTAL TO ACCESS TO A CLASSIFIED SET OF INFORMATION	Zhaleh Safi Khani & Ahmad Abdollahzadehbarforoush	January 2006
56	DATA MODEL COMPARISON IN DATA WAREHOUSE AND IMPLEMENTATION OF IMPROVED DATA MODEL	Alieh Ghane Ezabadi & Ahmad Abdollahzadehbarforoush	January 2006

Books

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Portal Records					
1	Introduction to Distributed Artificial Intelligence	Ahmad Abdollahzadehbarforoush, [en-name N/A], Mohammadreza Ayatolahzade Shirazi	Iran (Islamic Republic of)	January 2006	0

Journal Papers

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- Ehsan Sharifi, Ahmad Abdollahzadehbarforoush, "Improvement of the Systematic Mapping Study Process through a Semantic Approach", The CSI Journal on Computing Science and Information Technology, March 2021 Vol. 18, Num. 2, Page 40-49, March 2021,
- Zohre Moteshaker Arani, Ahmad Abdollahzadehbarforoush, Hossein Shirazi, "Representing unstructured text semantics for reasoning purpose", JOURNAL OF INTELLIGENT INFORMATION SYSTEMS, October 2020 Vol. 0, Num. 0, Page 0-0, October 2020,

- 3 Meisam Nazariani, Ahmad Abdollahzadehbarforoush, "Dynamic Weighted Majority Approach for Detecting Malicious Crowd Workers", CANADIAN JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING-REVUE CANADIENNE DE GENIE ELECTRIQUE ET INFORMATIQUE, February 2019 Vol. 42, Num. 2, Page 108-113, February 2019,
- 4 Rayehe Moeinfar, Ahmad Abdollahzadehbarforoush, S.Mehdi Tashakkori Hashemi, "How to identify the requirements for developing self-adaptive software in uncertainty conditions", , April 2018 Vol. 16, Num. 1, Page 15-27, April 2018,
- 5 Sina Dami, Ahmad Abdollahzadehbarforoush, Hossein Shirazi, "News events prediction using Markov logic networks", JOURNAL OF INFORMATION SCIENCE, February 2018 Vol. 1, Num. 44, Page 91-109, February 2018,
- 6 Hojat Emami, Hossien Shirazi, Ahmad Abdollahzadehbarforoush, "A semantic approach to cross-document person profiling in Web", AI COMMUNICATIONS, September 2017 Vol. 30, Num. 6, Page 363-391, September 2017,
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- 9 Sina Dami, Hossein Shirazi, Ahmad Abdollahzadehbarforoush, "News events prediction using based on causal inference on first-order logic", Journal of Soft Computing and Information Technology, February 2017 Vol. 5, Num. 4, Page 11-25, February 2017,
- 10 Hojjat Emami, Hossein Shirazi, Ahmad Abdollahzadehbarforoush, Maryam Hourali, "A pattern-matching method for extracting personal information in farsi content", UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES C -ELECTRICAL ENGINEERING AND COMPUTER SCIENCE, December 2016 Vol. 78, Num. 1, Page 125-138, December 2016,
- 11 Hojjat Emami, Hossein Shirazi, Ahmad Abdollahzadehbarforoush, "A Semantic Approach to Person Profile Extraction from Farsi Web Documents", Journal of Information systems and Telecommunication, December 2015 Vol. 4, Num. 4, Page 232-243, December 2015,
- 12 Ali Rahnama, Ahmad Abdollahzadehbarforoush, "A NOVEL ONTOLOGY EVOLUTION METHODOLOGY", JOURNAL OF WEB ENGINEERING, July 2015 Vol. 14, Num. 3, Page 301-324, July 2015,
- 13 Abbas Rasoolzadegan, Ahmad Abdollahzadehbarforoush, "Reliable yet ?exible software through formal model transformation (rule de?nition)", KNOWLEDGE AND INFORMATION SYSTEMS, May 2013 Vol. 35, Num. 3, Page 5-53, May 2013,
- 14 Abbas Rasoolzadegan, Ahmad Abdollahzadehbarforoush, "Developing Reliable yet Flexible Software through If-Then Model Transformation Rules", Amirkabir International Journal of Electrical and Electronics Engineering, February 2013 Vol. 44, Num. 1, Page 1-24, February 2013,
- 15 Abbas Rasoolzadegan, Ahmad Abdollahzadehbarforoush, "Bidirectional Transformation Mechanism between UML Class Diagrams and Object-Z Specifications", , February 2013 Vol. 10, Num. 2, Page 69-85, February 2013,
- 16 Mohammad Karim Sohrabi, Ahmad Abdollahzadehbarforoush, "Parallel frequent itemset mining using systolatic arrays", KNOWLEDGE-BASED SYSTEMS, January 2013 Vol. 37, Num. 1, Page 462-471, January 2013,
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- 18 Ahmad Abdollahzadehbarforoush, Shiva Vafadar, "Research Areas in Agent Oriented Software Engineering", The CSI Journal on Computer Science and Engineering(JCSE), April 2012 Vol. 10, Num. 3, Page 26-39, April 2012,
- 19 Ahmad Abdollahzadehbarforoush, Ali Rahnama, "Ontology Learning: Revisited", JOURNAL OF WEB ENGINEERING, January 2012 Vol. 11, Num. 4, Page 269-289, January 2012,
- 20 Negin Daneshpour, Ahmad Abdollahzadehbarforoush, "Dynamic View Management System for Query Prediction to View Materialization", INTERNATIONAL JOURNAL OF DATA WAREHOUSING AND MINING, February 2011 Vol. 1, Num. 1, Page 1-1, February 2011,

- 21 Mahdi Hajirezaee, S.Mohammad Moattar Husseini, Ahmad Abdollahzadehbarforoush, Behrooz Karimi, "modeling and evaluating the strategic effects of improvement programs on the manufacturing performance using neural networks", african journal of business management, April 2010 Vol. 4, Num. 4, Page 0-0, April 2010,
- 22 Afshin Hedayat, Hadi Davilu, Ahmad Abdollahzadehbarforoush, [en-name N/A], "Optimization of the core configuration design using a hybrid artificial intelligence algorithm for research reactors", , December 2009 Vol. , Num. 239, Page 0-0, December 2009,
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- 26 Abbas Rasoolzadegan, Rohollah Alesheykh, Ahmad Abdollahzadehbarforoush, "A New Rule Scheduling Approach Based on Estimation of Rule Execution Probability in Active Database", , September 2008 Vol. 0, Num. 3, Page 0-0, September 2008,
- 27 Mohammadreza Ayatolahzade Shirazi, Ahmad Abdollahzadehbarforoush, "A Conceptual Framework for Modeling Automated Negotiations in Multiagent Systems", , January 2008 Vol. , Num. 1, Page 0-0, January 2008,
- 28 Mohammadreza Ayatolahzade Shirazi, Ahmad Abdollahzadehbarforoush, "A Framework for Agent-Oriented Software Engineering Based on an Analytical Survey", , May 2007 Vol. 0, Num. 1, Page 0-0, May 2007,
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- 31 Shahriar Poorazin, Ahmad Abdollahzadehbarforoush, "Concurrent Metareasoning", , March 2006 Vol. , Num. 64, Page 0-0, March 2006,
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- 33 Ramin Nassiri, Ahmad Abdollahzadehbarforoush, Ali Moeinei Karbkandei, "A new approach towards procurement of software models via distributed business models", , September 2004 Vol. , Num. 3, Page 0-0, September 2004,
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- 35 Shahriar Poorazin, Ahmad Abdollahzadehbarforoush, "Going Meta : Back to the Expectations", , June 2004 Vol. 0, Num. 1, Page 0-0, June 2004,
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- 40 Chitra Dadkhah, Ahmad Abdollahzadehbarforoush, "QAV-VVT expert , an Active System for Verification and Validation of Knowledge Base using OAV knowledge Representation", , May 2003 Vol. 0, Num. 1, Page 0-0, May 2003,

- 41 Mehrnoosh Shamsfard, Ahmad Abdollahzadehbarforoush, "Learning ontologies from natural language texts", , January 2003 Vol. , Num. 60, Page 0-0, January 2003,
- 42 Ahmad Abdollahzadehbarforoush, Hamid Reza Motahary Nezhad, "A case based reasoning framework for domain specific search engines", , January 2003 Vol. 0, Num. 0, Page 0-0, January 2003,
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Conference Papers

Portal Records

- 1 Amirmohammad Ebrahimi, Ahmad Abdollahzadehbarforoush, "Preprocessing Role in Analyzing Tweets Towards Requirement Engineering ", 27th Iranian Conference on Electrical Engineering (ICEE 2019), April 2019
- 2 Amirmohammad Ebrahimi, Saber Gholami, Saeede Momtazi, Mohammad Reza Meybodi, Ahmad Abdollahzadehbarforoush, "Correlation Analysis of Applications Features: A Case Study on Google Play ", The International Conference on Contemporary Issues In Data Science, March 2019
- 3 Rayehe Moeinfar, Ahmad Abdollahzadehbarforoush, "Using models at run-time to measure quality of SAS in the large-scale software systems ", 9th International Conference on Information and Knowledge Technology(IKT 2017), July 2017
- 4 Zohre Rezaei Kinji, Ahmad Abdollahzadehbarforoush, "Big Data Anonymization Using Map-Reduce ", 22nd National CSI Computer Conference, March 2017
- 5 Zohre Moteshaker Arani, Ahmad Abdollahzadehbarforoush, Hossein Shirazi, "The logical inference in the news with the semantic representation of natural language sentences ", 22nd National CSI Computer Conference, March 2017
- 6 Mina Ardakani Movaghati, Ahmad Abdollahzadehbarforoush, "Proposing a Quality Model for Measuring the Structure of ontology ", 22nd National CSI Computer Conference, March 2017
- 7 Meisam Nazariani, Ahmad Abdollahzadehbarforoush, "Data Quality Engineering Unstructured Large Data Sets Using a Crowdsourcing Approach ", 22nd National CSI Computer Conference, March 2017
- 8 Hengameh Abbasi Mehrabadi, Ahmad Abdollahzadehbarforoush, "Optimize the quality of recommender systems using requirements engineering ", چهارمین کنفرانس بین المللی پژوهش های کاربردی در مهندسی کامپیوتر و پردازش سیگنال, December 2016
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- 12 Malihe Hashemi, Reza Gorgan Mohammadi, Ahmad Abdollahzadehbarforoush, "Software framework: A new perspective ", 20th Annual Conference of Computer Society of Iran, March 2015
- 13 Ali Kamali, Soheil Mohammadi, Ahmad Abdollahzadehbarforoush, "UCC: UML Profile to Cloud Computing Modeling Using stereotypes and tag values ", Seventh International Symposium on Telecommunications, September 2014
- 14 Reza Gorgan Mohammadi, Ahmad Abdollahzadehbarforoush, "Enforcing Component Dependency in UML Deployment Diagram for Cloud Applications ", Seventh International Symposium on Telecommunications, September 2014
- 15 Ali Rahnama, Ahmad Abdollahzadehbarforoush, "Ontology change taxonomy - an ontology evolution perspective ", 19th National CSI Computer Conference, March 2014





- 16 Shiva Vafadar, Ahmad Abdollahzadehbarforoush, "intelligence systems requirement engineering ", 19th National CSI Computer Conference, March 2014
- 17 Besat Zardosht, Ahmad Abdollahzadehbarforoush, "Aut-Bleu: Extending Bleu with use of parse tree ", The International Symposium on Natural Language Processing 2013, October 2013
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- 26 Abbas Rasoolzadegan, Ahmad Abdollahzadehbarforoush, "New Approach to Software Development Process with Formal Modeling of Behavior based on Visualization ", The Sixth International Conference on Software Engineering Advances, July 2011
- 27 Abbas Rasoolzadegan, Ahmad Abdollahzadehbarforoush, "A New Approach to Reliable, yet Flexible Software ", The CAiSE Doctoral Consortium 2011, May 2011
- 28 Ali Rahnama, Ahmad Abdollahzadehbarforoush, "Cognibase: A New Representation Model To Support Ontology Development ", IADIS International Conference Information Systems, May 2011
- 29 Shiva Vafadar, Ahmad Abdollahzadehbarforoush, "Intelligent Engineering in Computational Systems ", CSICC2011, March 2011
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Taught Courses

#	Course title	Description	Headlines	Date
1	Large-Scale Software Systems	ADVANCED TOPICS IN SOFTWARE ENGINEERING		Spring 2022
2	Requirements Engineering	The goal of the course is to introduce the students to the notion of elicitation, analysis, modeling, validation and verification of software requirements		Fall 2021
3	Large-Scale Software Systems	ADVANCED TOPICS IN SOFTWARE ENGINEERING		Spring 2021
4	Software Engineerig II	The course focuses on the development of quality software		Spring 2021

Inventions/Patents

#	Invention title	Reg. number	Country	contributers	Reg. date	Exp. date
1	A Model based approach to bridge between Programming Languages and Databases	99448			2019/09/1	2037/05/1