



## S.Morteza Bababmir

Professor

College: Faculty of Electrical and Computer Engineering

Department: Computer Engineering

### Education

| Degree | Graduated in | Major                | University                    |
|--------|--------------|----------------------|-------------------------------|
| BSc    | 1364         | Software Engineering | Ferdowsi University of Mashad |
| MSc    | 1380         | Software Engineering | Tarbiat Modares               |
| Ph.D   | 1386         | Software Engineering | Tarbiat Modares               |

### Employment Information

| Faculty/Department   | Position/Rank  | Employment Type | Cooperation Type | Grade |
|----------------------|----------------|-----------------|------------------|-------|
| University of Kashan | Full Professor | Tenured         | Full Time        | 26    |

### Papers in Conferences

1. نرجس ظهیری، سید مرتضی بابامیر، انتخاب بهینه ترکیب وب سرویس ها در ساختارهای احتمالی با استفاده از الگوریتم . کنفرانس ملی آخرین دستاوردهای مهندسی داده و دانش و محاسبات نرم، ۱- شهرکرد، ۲۰۲۱، ۰۹ ۲۱، SPEAll، بهیود یافته ۱
2. نرجس ظهیری، سید مرتضی بابامیر، انتخاب بهینه ترکیب وب سرویس ها در ساختارهای احتمالی با استفاده از الگوریتم . کنفرانس ملی آخرین دستاوردهای مهندسی داده و دانش و محاسبات نرم، ۱- شهرکرد، ۲۰۲۱، ۰۹ ۲۱، SPEAll، بهیود یافته ۱
3. نرجس ظهیری، سید مرتضی بابامیر، انتخاب بهینه ترکیب وب سرویس ها در ساختارهای احتمالی با استفاده از الگوریتم . کنفرانس ملی آخرین دستاوردهای مهندسی داده و دانش و محاسبات نرم، ۱- شهرکرد، ۲۰۲۱، ۰۹ ۲۱، SPEAll، بهیود یافته ۱
4. Behzad Soleimani Neysiani, Saeed Doostali, زهرا امین الرعایایی, Fast Duplicate Bug Reports Detector Training using Sampling for Dimension Reduction, 11th International (Virtual) Conference on Information and Knowledge Technology (IKT2020), 1 - 22 12 2020, تهران .
5. Saeed Doostali, محمد شیرعلیزاده دزفولی, Behzad Soleimani Neysiani, IoT-Based Model in Smart Urban Traffic Control: Graph theory and Genetic Algorithm, 11th International (Virtual) Conference on Information and Knowledge Technology (IKT2020), 1 - 22 12 2020, تهران .
6. فاطمه لبافیان, A Multi Objective & Trust-Based Workflow Scheduling Method In Cloud Computing Based On The MVO Algorithm, 11th International (Virtual) Conference on Information and Knowledge Technology (IKT2020), 1 - 22 09 2020, تهران .
7. Behzad Soleimani Neysiani, Automatic Duplicate Bug Report Detection using Information Retrieval-

- based versus Machine Learning-based Approaches ,IEEE 6th International Conference on Web Research (ICWR) ,1 - 22 04 2020, تهران .
8. Behzad Soleimani Neysiani ,Automatic Duplicate Bug Report Detection using Information Retrieval-based versus Machine Learning-based Approaches ,IEEE 6th International Conference on Web Research (ICWR) ,1 - 22 04 2020, تهران .
9. Behzad Soleimani Neysiani ,Effect of Typos Correction on the validation performance of Duplicate Bug Reports Detection ,10th International Conference on Information and Knowledge Technology (IKT) ,1 - 31 12 2019, تهران .
10. Behzad Soleimani Neysiani ,Effect of Typos Correction on the validation performance of Duplicate Bug Reports Detection ,10th International Conference on Information and Knowledge Technology (IKT) ,1 - 31 12 2019, تهران .
11. Behzad Soleimani Neysiani ,Fast language-independent correction of interconnected typos to finding longest terms ,24th International Conference of Information Technology (IVUS 2019) ,122 - Kaunas ,2019 04 25 .

## Papers in Journals

1. نرجس ظهیری،سید مرتضی بابامیر،روشی برای پیاده سازی الگوها در ترکیب وب سرویس ها و انتخاب بهینه ترکیب با .ISC،ساختار احتمالی،محاسبات نرم،شهریور ۱۴۰۰
2. مینا چاوشی،سید مرتضی بابامیر،استخراج قوانین از توصیف و مدل سازی آن ها با استفاده از شبکه های فازی پتری .ISC،رنگی،محاسبات نرم،آبان ۱۴۰۱
3. عبدالکریم الهی،سید مرتضی بابامیر،یک روش ترکیبی اندازه های مرکزیت و خواص زیستی برای بهبود تشخیص وزنی،مجله انفورماتیک سلامت و زیست پزشکی،مجلد ۶،شماره صفحات ۴۶،۲۰۱۹ PPI کمپلکس های پروتئینی در شبکه .ISC ,IranMedex, ۱۶ ۰۶
4. نگار مجمع،سید مرتضی بابامیر،محمد حسین منجمی،یک رویکرد عامل گرا با قابلیت یادگیری برای کنترل و بهبود عملکرد دستگاه تنظیم ضربان قلب بر بستر ابر،مهندسی برق و مهندسی کامپیوتر ایران،مجلد ۱۵،شماره صفحات ۲۵۷،۱۳۹۶/۱۲/۲۰،ISC.
5. سید مرتضی بابامیر،یک روش مبتنی بر دامنه برای شبیه سازی ناظر در کنترل نظارتی سیستم های گسسته،سیستم .ISC،های هوشمند در مهندسی برق،مجلد ۳،شماره صفحات ۴۷،۱۳۹۱/۰۶/۱۹
6. Fuzzy Colored Petri Nets-Based Method to Analyze and Verify the Functionality of Software,CAII transactions on intelligent technology,2023 10 16,SCOPUS ,JCR.
7. Anomaly Detection of Policies in Distributed Firewalls using Data Log Analysis,The Journal of Supercomputing,2023 05 29,SCOPUS ,JCR.
8. Using a process algebra interface for verification and validation of UML statecharts,Computer Standards and Interfaces,2023 03 09,SCOPUS ,JCR.
9. A METHOD TO SIMPLIFY PATTERNS WITH PROBABILISTIC STRUCTURE IN WEB SERVICE COMPOSITION,13 12 2022,مجله محاسبات نرم دانشگاه کاشان,ISC.
10. A METHOD TO SIMPLIFY PATTERNS WITH PROBABILISTIC STRUCTURE IN WEB SERVICE COMPOSITION,A METHOD TO SIMPLIFY PATTERNS WITH PROBABILISTIC STRUCTURE IN WEB SERVICE COMPOSITION,2022 12 13,ISC.
11. A Novel Two-Step Classification Approach for Runtime Performance Improvement of Duplicate Bug Report Detection,The journal of Computer and Knowledge Engineering (CKE),2022 11 22,ISC.
12. A Novel Two-Step Classification Approach for Runtime Performance Improvement of Duplicate Bug Report Detection,The journal of Computer and Knowledge Engineering (CKE),2022 11 22,ISC.
13. CP-PGWO: multi-objective workflow scheduling for cloud computing using critical path,CLUSTER COMPUT,2021 07 03,SCOPUS ,JCR.
14. Query processing optimization in broadcasting XML data in mobile communications,J SUPERCOMPUT,Vol. 77,pp. 1,2021 06 09,SCOPUS ,JCR.

15. فاطمه عبادی فرد, سید مرتضی بابامیر, Federated Geo-Distributed Clouds: Optimizing Resource Allocation Based on Request Type Using Autonomous and Multi-objective Resource Sharing Model, Big Data Research, Vol. 24, pp. 1, 2021 01 15, SCOPUS, JCR.
16. سعید دوست علی, سید مرتضی بابامیر, An energy efficient cluster head selection approach for performance improvement in network-coding-based wireless sensor networks with multiple sinks, COMPUT COMMUN, Vol. 164, pp. 188, 2020 12 09, SCOPUS, JCR.
17. محمد دقاق زاده, سید مرتضی بابامیر, A model driven and clustering method for service identification directed by metrics, SOFTWARE PRACT EXPER, 2020 10 20, SCOPUS, JCR.
18. محمد دقاق زاده, سید مرتضی بابامیر, A model driven and clustering method for service identification directed by metrics, SOFTWARE PRACT EXPER, 2020 10 19, SCOPUS, JCR.
19. عبدالکریم الهی, سید مرتضی بابامیر, Identification of Protein Complexes Based on Core-Attachment Structure and Combination of Centrality Measures and Biological Properties in PPI Weighted Networks, PROTEIN J, 2020 10 11, SCOPUS, JCR.
20. عبدالکریم الهی, سید مرتضی بابامیر, Identification of Protein Complexes Based on Core-Attachment Structure and Combination of Centrality Measures and Biological Properties in PPI Weighted Networks, PROTEIN J, 2020 10 11, SCOPUS, JCR.
21. فاطمه عبادی فرد, سید مرتضی بابامیر, A Modified Multi-Verse Optimizer Based Workflow Scheduling in Cloud Computing Using Trust-Based Mechanism, International Journal of Information and Communication Technology, Vol. 12, pp. 16, 2020 10 10, ISC.
22. بهزاد سلیمانی نیسیانی, سید مرتضی بابامیر, Masayoshi Aritsugi, Efficient feature extraction model for validation performance improvement of duplicate bug report detection in software bug triage systems, INFORM SOFTWARE TECH, Vol. 126, pp. 106344, 2020 10 01, SCOPUS, JCR.
23. فاطمه عبادی فرد, سید مرتضی بابامیر, Autonomic task scheduling algorithm for dynamic workloads through a load balancing technique for the cloud-computing environment, CLUSTER COMPUT, 2020 09 03, SCOPUS, JCR.
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26. بهزاد سلیمانی نیسیانی, سید مرتضی بابامیر, Duplicate Detection Models for Bug Reports of Software Triage Systems: A Survey, Current Trends In Computer Sciences & Applications, Vol. 1, pp. 128, 2019 12 17.
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29. سید علی شریفی, سید مرتضی بابامیر, The clustering algorithm for efficient energy management in mobile ad-hoc networks, COMPUT NETW, Vol. 166, pp. 1, 2019 11 06, SCOPUS, JCR.
30. بهزاد سلیمانی نیسیانی, سید مرتضی بابامیر, New Labeled Dataset of Interconnected Lexical Typos for Automatic Correction in the Bug Reports, SN Applied Sciences, Vol. 1, pp. 1385, 2019 10 12, SCOPUS, ISI-Listed.
31. محمد علی سعادت جو, سید مرتضی بابامیر, Test-data generation directed by program path coverage through imperialist competitive algorithm, SCI COMPUT PROGRAM, Vol. 184, pp. 1, 2019 09 13, SCOPUS, JCR.
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33. Evaluation of Clustering Algorithms in Ad Hoc Mobile Networks, WIRELESS PERS COMMUN, Vol. 109, pp. 1, 2019 08 26, SCOPUS ,JCR.
34. Runtime deadlock tracking and prevention of concurrent multithreaded programs: A learning-based approach, CONCURR COMP-PRACT E, Vol. 32, pp. 1, 2019 05 09, SCOPUS ,JCR.
35. A hierarchical structure for optimal resource allocation in geographically distributed clouds, FUTURE GENER COMP SY, Vol. 90, pp. 539, 2018 08 11, ISI ,SCOPUS.
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37. Identification of essential proteins based on a new combination of topological and biological features in weighted protein-protein interaction networks, IET SYST BIOL, Vol. 12, pp. 1, 2018 06 11, ISI ,SCOPUS.
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49. Meysam Karimi ans Seyed Morteza Babamir, QoS-aware web service composition using Gray Wolf Optimizer, International Journal of Information & Communication Technology, Vol. 9, pp. 9, 2017 02 11, ISC.
50. Specification and Verification of Medical Monitoring System Using Petri-nets, Journal of Medical Signals, and Sensors, Vol. 4, pp. 181, 2014 07 12, SCOPUS ,ISC ,JCR.
51. Run-time Verification of Service-oriented Systems: A Well-rounded Survey, International Journal of Web and Grid Services, Vol. 9, pp. 213, 2013 08 06, SCOPUS ,JCR.

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60. سید مرتضی بابامیر, Constructing a Model-Based Software Monitor for the Insulin Pump Behavior, *Journal of Medical Systems*, Vol. 36, pp. 829, 2010 07 13, SCOPUS ,JCR.
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