

Mohamed Khalgui

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

158
papers

1,470
citations

19
h-index

33
g-index

188
ext. papers

1,772
ext. citations

2.8
avg, IF

5.13
L-index

#	Paper	IF	Citations
158	Software Framework of Context-Aware Reconfigurable Secure Smart Grids. <i>Communications in Computer and Information Science</i> , 2022 , 193-217	0.3	
157	UTM-Chain: Blockchain-Based Secure Unmanned Traffic Management for Internet of Drones. <i>Sensors</i> , 2021 , 21,	3.8	13
156	RCTL: New Temporal Logic for Improved Formal Verification of Reconfigurable Discrete-Event Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021 , 18, 1392-1405	4.9	1
155	On Mapping of Reconfigurable Hierarchical Tasks to MP-SoC-Oriented Architectures Under Real-Time and Energy Constraints. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 2021 , 45, 207-220	1.9	
154	Digital Twin Based Real-time Production Logistics Synchronization System in a Multi-level Computing Architecture. <i>Journal of Manufacturing Systems</i> , 2021 , 58, 246-260	9.1	14
153	Efficient Verification of Reconfigurable Discrete-Event System Using Isabelle/HOL Theorem Prover and Hadoop. <i>Communications in Computer and Information Science</i> , 2021 , 227-241	0.3	
152	On Improvement of Formal Verification of Reconfigurable Real-Time Systems Using TCTL and CTL-Based Properties on IaaS Cloud Environment. <i>Communications in Computer and Information Science</i> , 2021 , 114-133	0.3	
151	R-TNCES State Space Generation Using Ontology-Based Method on a Distributed Cloud-Based Architecture. <i>Communications in Computer and Information Science</i> , 2021 , 44-69	0.3	
150	On Parametrizing Feasible Reconfigurable Systems Under Real-Time, Energy, and Resource Sharing Constraints. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021 , 18, 1492-1504	4.9	
149	A guidance framework for synthesis of multi-core reconfigurable real-time systems. <i>Information Sciences</i> , 2020 , 539, 327-346	7.7	
148	Scheduling periodic and aperiodic tasks with time, energy harvesting and precedence constraints on multi-core systems. <i>Information Sciences</i> , 2020 , 520, 86-104	7.7	5
147	Improved Multi-Core Real-Time Task Scheduling of Reconfigurable Systems With Energy Constraints. <i>IEEE Access</i> , 2020 , 8, 95698-95713	3.5	5
146	Two-Stage Game Theoretic Approach for Energy Management in Networked Microgrids. <i>Communications in Computer and Information Science</i> , 2020 , 205-228	0.3	
145	Efficient Diagnosis of Reconfigurable Systems with Incorrect Behavior and Faulty Components: A Case Study on SGrids. <i>Communications in Computer and Information Science</i> , 2020 , 108-129	0.3	
144	Depth-first Search Approach for Language-based Opacity Verification Using Petri Nets. <i>IFAC-PapersOnLine</i> , 2020 , 53, 378-383	0.7	0
143	On Improving R-TNCES Rebuilding for Reconfigurable Real-Time Systems. <i>Communications in Computer and Information Science</i> , 2020 , 267-285	0.3	
142	Meta-Model for Control Applications of Microgrids 2020 ,		1

141	On the Improvement of R-TNCESs Verification using Distributed Cloud-based Architecture 2020 ,		2
140	On Decomposing Formal Verification of CTL-based Properties on IaaS Cloud Environment 2020 ,		2
139	Towards a Generic Framework for Formal Verification and Performance Analysis of Real-Time Scheduling Algorithms. <i>Lecture Notes in Computer Science</i> , 2020 , 116-130	0.9	
138	New Method to Reduce Verification Time of Reconfigurable Real-Time Systems Using R-TNCESs Formalism. <i>Communications in Computer and Information Science</i> , 2020 , 246-266	0.3	2
137	Energy-Efficient Scheduling of Real-Time Tasks in Reconfigurable Homogeneous Multicore Platforms. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 5092-5105	7.3	8
136	An Extended Object Constraint Language for Adaptive Discrete Event Systems With Application to Reconfigurable Wireless Sensor Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3562-3576	7.3	2
135	On Methodology for the Verification of Reconfigurable Timed Net Condition/Event Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3577-3591	7.3	8
134	Performance Optimization of Reconfigurable Real-Time Wireless Sensor Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2623-2637	7.3	3
133	On Hierarchical Construction of the State Space of an Automated Manufacturing System Modeled With Petri Nets. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3613-3627	7.3	3
132	Micro Air Vehicle Link (MAVlink) in a Nutshell: A Survey. <i>IEEE Access</i> , 2019 , 7, 87658-87680	3.5	51
131	Qualitative and Quantitative Risk Analysis and Safety Assessment of Unmanned Aerial Vehicles Missions Over the Internet. <i>IEEE Access</i> , 2019 , 7, 53392-53410	3.5	19
130	. <i>IEEE Access</i> , 2019 , 7, 55090-55107	3.5	2
129	. <i>IEEE Access</i> , 2019 , 7, 35487-35498	3.5	6
128	On Reconfiguration Theory of Discrete-Event Systems: From Initial Specification Until Final Deployment. <i>IEEE Access</i> , 2019 , 7, 18219-18233	3.5	6
127	On Feasibility of Multichannel Reconfigurable Wireless Sensor Networks Under Real-Time and Energy Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-16	7.3	5
126	Most permissive liveness-enforcing Petri net supervisors for discrete event systems via linear monitors. <i>ISA Transactions</i> , 2019 , 92, 145-154	5.5	4
125	Source Resizing and Improved Power Distribution for High Available Island Microgrid: A Case Study on a Tunisian Petroleum Platform. <i>IEEE Access</i> , 2019 , 7, 22856-22871	3.5	5
124	Modeling, Simulation and Verification of Probabilistic Reconfigurable Discrete-Event Systems Under Energy and Memory Constraints. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 2019 , 43, 229-243	1.9	2

123	MAVSec: Securing the MAVLink Protocol for Ardupilot/PX4 Unmanned Aerial Systems 2019 ,		12
122	QCOF: New RPL Extension for QoS and Congestion-Aware in Low Power and Lossy Network 2019 ,		5
121	Cooperative Energy Management Software for Networked Microgrids 2019 ,		3
120	On Improved Verification of Reconfigurable Real-Time Systems 2019 ,		2
119	Portable Synthesis of Multi-core Real-Time Systems with Reconfiguration Constraints. <i>Communications in Computer and Information Science</i> , 2019 , 165-185	0.3	
118	R-TNCES Rebuilding: A New Method of CTL Model Update for Reconfigurable Systems 2019 ,		3
117	Boundary Scan Extension for Testing Distributed Reconfigurable Hardware Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 2699-2708	3.9	
116	Smart Grid Rebuilding based on Cloud Computing Architecture 2019 ,		1
115	. <i>IEEE Access</i> , 2019 , 7, 186378-186392	3.5	6
114	. <i>IEEE Transactions on Automation Science and Engineering</i> , 2019 , 16, 1110-1124	4.9	4
113	Dronemap Planner: A service-oriented cloud-based management system for the Internet-of-Drones. <i>Ad Hoc Networks</i> , 2019 , 86, 46-62	4.8	47
112	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 623-637	7.3	34
111	Reconfiguration-based methodology for improving recovery performance of faults in smart grids. <i>Information Sciences</i> , 2018 , 454-455, 73-95	7.7	16
110	. <i>IEEE Access</i> , 2018 , 6, 14078-14092	3.5	20
109	Multiagent Architecture for Distributed Adaptive Scheduling of Reconfigurable Real-Time Tasks With Energy Harvesting Constraints. <i>IEEE Access</i> , 2018 , 6, 2068-2084	3.5	18
108	Multi-Agent Adaptive Architecture for Flexible Distributed Real-Time Systems. <i>IEEE Access</i> , 2018 , 6, 23152-23171	3.5	11
107	R-Node: New Pipelined Approach for an Effective Reconfigurable Wireless Sensor Node. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 892-905	7.3	28
106	New Power-Oriented Methodology for Dynamic Resizing and Mobility of Reconfigurable Wireless Sensor Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1120-1130	7.3	30

105	One-Step Control-Ahead Approach for the Design of an Optimal Petri-Net Based Deadlock Prevention Policy. <i>IEEE Access</i> , 2018 , 6, 34307-34323	3.5	10
104	From Specification to Implementation of an Automotive Transport System. <i>Communications in Computer and Information Science</i> , 2018 , 49-68	0.3	
103	. <i>IEEE Access</i> , 2018 , 6, 35824-35843	3.5	7
102	Mapping of Periodic Tasks in Reconfigurable Heterogeneous Multi-core Platforms 2018 ,		3
101	Automatic Properties Classification Approach for Guiding the Verification of Complex Reconfigurable Systems 2018 ,		4
100	State Space Characterization of Disjunctive Single-Unit Resource Allocation Systems. <i>IEEE Access</i> , 2018 , 6, 51515-51527	3.5	1
99	Combining Semi-Formal and Formal Methods for the Development of Distributed Reconfigurable Control Systems. <i>IEEE Access</i> , 2018 , 6, 70426-70443	3.5	10
98	Improved Multi-Step Look-Ahead Control Policies for Automated Manufacturing Systems. <i>IEEE Access</i> , 2018 , 6, 68824-68838	3.5	37
97	Toward a New Methodology for an Efficient Test of Reconfigurable Hardware Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , 2018 , 15, 1864-1882	4.9	8
96	Automatic supervisory control for the self-healing of smart grids based on colored Petri nets. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2018 , 13, 1612-1623	1	6
95	Dual mode for vehicular platoon safety: Simulation and formal verification. <i>Information Sciences</i> , 2017 , 402, 216-232	7.7	35
94	CRMPSoC: New Solution for Feasible Reconfigurable MPSoC. <i>Communications in Computer and Information Science</i> , 2017 , 175-198	0.3	
93	A New Approach for Automatic Development of Reconfigurable Real-Time Systems. <i>Communications in Computer and Information Science</i> , 2017 , 22-44	0.3	
92	BROMETH: Methodology to design safe reconfigurable medical robotic systems. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2017 , 13, e1786	2.9	17
91	Multiagent Framework for Smart Grids Recovery. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1284-1300	7.3	38
90	Multi-agent oriented solution for forecasting-based control strategy with load priority of microgrids in an island mode [Case study: Tunisian petroleum platform. <i>Electric Power Systems Research</i> , 2017 , 152, 411-423	3.5	19
89	Multi-objective optimization and formal specification of reconfigurable manufacturing system using adaptive NSGA-II 2017 ,		2
88	Performance evaluation of vehicular platoons using Webots. <i>IET Intelligent Transport Systems</i> , 2017 , 11, 441-449	2.4	18

87	RWiN: New Methodology for the Development of Reconfigurable WSN. <i>IEEE Transactions on Automation Science and Engineering</i> , 2017 , 14, 109-125	4.9	46
86	Specification Approach using GR-TNCES: Application to an Automotive Transport System 2017 ,		2
85	New Verification Approach for Reconfigurable Distributed Systems 2017 ,		4
84	I-Codesign: A Codesign Methodology for Reconfigurable Embedded Systems. <i>Communications in Computer and Information Science</i> , 2017 , 153-174	0.3	
83	Context-awareness Meta-model for Reconfigurable Control Systems 2017 ,		3
82	Verification of Reconfigurable NoC under Quality of Service Constraints 2016 ,		2
81	New solutions for optimal power production, distribution and consumption in smart grids. <i>International Journal of Modelling, Identification and Control</i> , 2016 , 26, 110	0.6	4
80	Enabling reconfiguration of adaptive control systems using real-time context-aware framework 2016 ,		3
79	Real-time scheduling of sporadic tasks in energy harvesting distributed reconfigurable embedded systems 2016 ,		2
78	Reconfigurable function blocks: Extension to the standard IEC 61499 2016 ,		3
77	Reconfigurable Priority Ceiling Protocol: A Safe Way to Real-Time Reconfiguration. <i>Lecture Notes in Electrical Engineering</i> , 2016 , 23-42	0.2	2
76	New Methodology for Feasible Reconfigurable Real-Time Network-on-Chip NoC 2016 ,		3
75	Modeling and Simulation of an Energy Efficient Skid Conveyor using ZIZO 2016 ,		2
74	MILP-based Approach for Optimal Implementation of Reconfigurable Real-time Systems 2016 ,		4
73	Combinatorial Optimization Approach for Feasible Low-Power and Real-Time Flexible OS Tasks. <i>Lecture Notes in Electrical Engineering</i> , 2016 , 59-77	0.2	
72	New Co-design Methodology for Real-time Embedded Systems 2016 ,		3
71	Towards a Secure RA2DL Based Approach. <i>Communications in Computer and Information Science</i> , 2016 , 89-110	0.3	
70	Real-Time Reconfigurations of Embedded Control Systems. <i>International Journal of System Dynamics Applications</i> , 2016 , 5, 71-93	0.7	4

69	Real-Time Scheduling of Reconfigurable Distributed Embedded Systems with Energy Harvesting Prediction 2016 ,		5
68	Real-Time Scheduling of Reconfigurable Battery-Powered Multi-Core Platforms 2016 ,		3
67	R-UML: An UML Profile for Verification of Flexible Control Systems. <i>Communications in Computer and Information Science</i> , 2016 , 118-136	0.3	1
66	New Middleware for Secured Reconfigurable Real-Time Systems. <i>Communications in Computer and Information Science</i> , 2015 , 469-483	0.3	2
65	New Pack Oriented Solutions for Energy-Aware Feasible Adaptive Real-Time Systems. <i>Communications in Computer and Information Science</i> , 2015 , 73-86	0.3	3
64	PEDASA: Priority, Energy and Deadline Aware Scheduling Algorithm. <i>Communications in Computer and Information Science</i> , 2015 , 59-72	0.3	1
63	New adaptive middleware for real-time embedded operating systems 2015 ,		2
62	New Solutions for Useful Execution Models of Communicating Adaptive RA2DL. <i>Communications in Computer and Information Science</i> , 2015 , 87-101	0.3	2
61	Reconfigurable Coordination of Distributed Discrete Event Control Systems. <i>IEEE Transactions on Control Systems Technology</i> , 2015 , 23, 323-330	4.8	94
60	. <i>IEEE Transactions on Automation Science and Engineering</i> , 2015 , 12, 258-271	4.9	90
59	Modeling and Verification of Reconfigurable and Energy-Efficient Manufacturing Systems. <i>Discrete Dynamics in Nature and Society</i> , 2015 , 2015, 1-14	1.1	18
58	Corrections to Deadlock Prevention for a Class of Petri Nets With Uncontrollable and Unobservable Transitions[ISMCA May 12 727-738]. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2015 , 45, 1385-1386	7.3	
57	Formal specification and verification of reconfigurable wireless sensor networks 2015 ,		4
56	Towards a Safer and More Optimal Treatment of the Supracondylar Humerus Fracture. <i>Communications in Computer and Information Science</i> , 2015 , 403-423	0.3	
55	ZiZo: Modeling, Simulation and Verification of Reconfigurable Real-time Control Tasks Sharing Adaptive Resources - Application to the Medical Project BROS 2015 ,		3
54	GR-TNCES: New Extensions of R-TNCES for Modelling and Verification of Flexible Systems under Energy and Memory Constraints 2015 ,		8
53	An Efficient Reconfiguration-Based Approach for Improving Smart Grid Performance. <i>Communications in Computer and Information Science</i> , 2015 , 42-55	0.3	1
52	New Flexible Architectures for Reconfigurable Wireless Sensor Networks. <i>Communications in Computer and Information Science</i> , 2015 , 151-169	0.3	1

51	Reconfigurable Priority Ceiling Protocol - Under Rate Monotonic Based Real-time Scheduling 2014 ,		4
50	New Solutions for Fault Detections and Dynamic Recoveries of Flexible Power Smart Grids 2014 ,		2
49	Reconfigurable CAN in Real-time Embedded Platforms 2014 ,		3
48	New Automatic Agent-Based Solutions for Feasible Reconfigurable MP-SoC Architectures 2014 ,		3
47	Functional safety of adaptive embedded control systems: new solutions. <i>International Journal of Critical Computer-Based Systems</i> , 2014 , 5, 300	0.4	1
46	A Novel Hierarchical Multi-Agent Architecture for Automatic Restoration of Smart Grids. <i>International Journal of Control and Automation</i> , 2014 , 7, 153-170	1.9	5
45	Functional and Operational Solutions for Safety Reconfigurable Embedded Control Systems. <i>Studies in Computational Intelligence</i> , 2014 , 251-282	0.8	3
44	Reconfigurable Wireless Sensor Networks - New Adaptive Dynamic Solutions for Flexible Architectures 2014 ,		3
43	R-TNCES: A Novel Formalism for Reconfigurable Discrete Event Control Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2013 , 43, 757-772	7.3	37
42	The embedded control system through real-time task 2013 ,		1
41	Distributed Reconfigurations of Autonomous IEC61499 Systems. <i>Transactions on Embedded Computing Systems</i> , 2013 , 12, 1-23	1.8	0
40	Runtime Reconfigurations of Embedded Controllers. <i>Transactions on Embedded Computing Systems</i> , 2013 , 12, 1-23	1.8	2
39	Reconfiguration of Synchronous Real-Time Operating System. <i>International Journal of System Dynamics Applications</i> , 2013 , 2, 114-132	0.7	4
38	Feasible Dynamic Reconfigurations of Petri Nets. <i>Advances in Civil and Industrial Engineering Book Series</i> , 2013 , 247-267	0.5	1
37	Deadlock Prevention for a Class of Petri Nets With Uncontrollable and Unobservable Transitions. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2012 , 42, 727-738		15
36	Erratum to Reconfiguration of Distributed Embedded-Control Systems[Aug 11 684-694]. <i>IEEE/ASME Transactions on Mechatronics</i> , 2012 , 17, 592-592	5.5	
35	Corrections to Design of a Maximally Permissive Liveness-Enforcing Petri Net Supervisor for Flexible Manufacturing Systems[Apr 11 374-393]. <i>IEEE Transactions on Automation Science and Engineering</i> , 2012 , 9, 455-455	4.9	3
34	UML-Based Design and Validation of Intelligent Agents-Based Reconfigurable Embedded Control Systems. <i>International Journal of System Dynamics Applications</i> , 2012 , 1, 17-38	0.7	3

33	New Optimal Preemptively Scheduling for Real-Time Reconfigurable Sporadic Tasks Based on Earliest Deadline First Algorithm. <i>International Journal of Advanced Pervasive and Ubiquitous Computing</i> , 2012 , 4, 65-81	0.3	2
32	Feasible Automatic Reconfigurations of Real-Time OS Tasks. <i>Advances in Civil and Industrial Engineering Book Series</i> , 2012 , 390-414	0.5	7
31	New Optimal Solutions for Real-Time Reconfigurable Periodic Asynchronous Operating System Tasks with Minimizations of Response Time. <i>International Journal of System Dynamics Applications</i> , 2012 , 1, 88-131	0.7	2
30	Functional Safety of Distributed Embedded Control Systems. <i>Advances in Civil and Industrial Engineering Book Series</i> , 2012 , 132-170	0.5	1
29	An Automated Approach for Adaptive Control Systems. <i>International Journal of Intelligent Mechatronics and Robotics</i> , 2012 , 2, 58-71		3
28	. <i>IEEE Transactions on Automation Science and Engineering</i> , 2011 , 8, 374-393	4.9	197
27	Reconfigurable Multiagent Embedded Control Systems: From Modeling to Implementation. <i>IEEE Transactions on Computers</i> , 2011 , 60, 538-551	2.5	29
26	Reconfiguration Protocol for Multi-Agent Control Software Architectures. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2011 , 41, 70-80		24
25	Automatic NCES-based specification and SESA-based verification of feasible control components in benchmark production systems. <i>International Journal of Modelling, Identification and Control</i> , 2011 , 12, 223	0.6	6
24	A Component-Based Approach for the Development of Automated Systems. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2011 , 41, 1026-1031		4
23	Reconfiguration of Distributed Embedded-Control Systems. <i>IEEE/ASME Transactions on Mechatronics</i> , 2011 , 16, 684-694	5.5	35
22	A formal approach for the development of reactive systems. <i>Information and Software Technology</i> , 2011 , 53, 14-33	3.4	4
21	Formal approach for the development of intelligent industrial control components. <i>International Journal of Computer Applications in Technology</i> , 2011 , 42, 84	0.7	3
20	Combining formal methods for the development of reactive systems. <i>International Journal of Computer Applications in Technology</i> , 2011 , 42, 127	0.7	2
19	Model checking optimization of safe Control Embedded Components with refinement 2010 ,		1
18	Optimal model checking of safe control embedded software components 2010 ,		1
17	NCES-based modelling and CTL-based verification of reconfigurable embedded control systems. <i>Computers in Industry</i> , 2010 , 61, 198-212	11.6	17
16	Intelligent distributed control systems. <i>Information and Software Technology</i> , 2010 , 52, 1259-1271	3.4	19

15	Reconfiguration of Industrial Embedded Control Systems 2010 , 318-352		1
14	New Solutions for Feasible and Coherent Reconfigurations of Multi-Agent Embedded Software Architectures. <i>CIM Journal</i> , 2010 , 1, 19-28	0.2	3
13	Model-checking for the functional safety of Control Component-based heterogeneous embedded systems 2009 ,		3
12	Execution models for reconfigurable embedded real-time systems. <i>Asian Journal of Control</i> , 2009 , 11, 249-260	1.7	2
11	An approach to implement a Programmable Logic Controller from real-time software components. <i>International Journal of Industrial and Systems Engineering</i> , 2009 , 4, 60	0.4	2
10	Functional Safety of Component-based Embedded Control Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009 , 42, 281-286		2
9	NCES-based modelling and CTL-based verification of reconfigurable Benchmark Production Systems 2008 ,		4
8	Automatic specification of feasible Control Tasks in Benchmark Production Systems 2008 ,		4
7	An IEC61499-based development approach for distributed industrial control applications. <i>International Journal of Modelling, Identification and Control</i> , 2008 , 4, 186	0.6	9
6	An optimised simulation of component-based embedded systems in manufacturing industry. <i>International Journal of Simulation and Process Modelling</i> , 2008 , 4, 148	0.4	9
5	A deployment methodology of real-time industrial control applications in distributed controllers. <i>Computers in Industry</i> , 2008 , 59, 450-462	11.6	5
4	A UML-Compliant Approach for Intelligent Reconfiguration of Embedded Control Systems108-124		
3	Development of Automated Systems using Proved B Patterns125-139		
2	New Optimal Solutions for Real-Time Reconfigurable Periodic Asynchronous OS Tasks with Minimizations of Response Times236-274		1
1	Safety Reconfiguration of Embedded Control Systems184-210		1