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Special section

EFFICIENT RESOURCE
MANAGEMENT FOR
GRID-ENABLED APPLICATIONS

Editors

Joanna KOŁODZIEJ Fatos XHAFA





Indexation

About

The International Journal of Applied Mathematics and Computer Science is a quarterly published jointly by the University of Zielona Góra and the Lubuskie Scientific Society in Zielona Góra, Poland, since 1991. It strives to meet the demand for the presentation of interdisciplinary research in various fields related to control theory, applied mathematics, scientific computing, and computer science.

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modern control theory and practice

artificial intelligence methods and their applications

applied mathematics and mathematical optimisation techniques mathematical methods in engineering, computer science, and biology.



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Editorial Office

University of Zielona Góra Institute of Control & Computation Engineering ul. Podgórna 50 65-246 Zielona Góra Poland

tel.: +48 68 3282506 fax: +48 68 3284751

e-mail: amcs@uz.zgora.pl website: www.amcs.uz.zgora.pl

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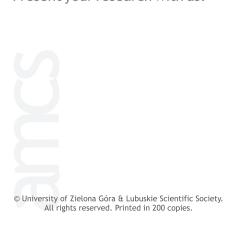
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2011, Vol. 21, No. 1: Special section SEMANTIC KNOWLEDGE ENGINEERING Editors: Grzegorz J. Nalepa, Antoni Ligęza Authors: A.Bădică, J. Baumeister, J. Cañadas, I. Czarnowski, A. Kozierkiewicz-Hetmańska, A. Meissner

2010, Vol. 20, No. 1: Special section COMPUTATIONAL INTELLIGENCE IN MODERN CONTROL SYSTEMS Editors: Józef KORBICZ, Dariusz UCIŃSKI Authors: M. Ławryńczuk, K. Patan, G.J. Nalepa, R.K. Nowicki, D. Belter

2009, Vol. 19, No. 4: Special section ROBOT CONTROL THEORY Editor: Cezary ZIELIŃSKI Authors: K. Tchoń, M. Michałek, A. Mazur, P. Skrzypczyński

2009, Vol. 19, No. 3: Special issue VERIFIED METHODS: APPLICATIONS IN MEDICINE AND ENGINEERING Editors: Andreas RAUH, Ekaterina AUER, Eberhard P. HOFER, Wolfram LUTHER

Authors: B. G.-Tóth, A. Rauh, J.-P. Merlet, R. Pepy, N. Dimitrova, E. Auer, M. Tändl, M. Freihold, J.A. Enszer

2008, Vol. 18, No. 4: Special issue ISSUES IN FAULT DIAGNOSIS AND FAULT TOLERANT CONTROL Editors: Józef KORBICZ, Dominique SAUTER Authors: A. Ligęza, Y. Tharrault, K. Patan, E. Skubalska-Rafajłowicz, A.A. Yassine, M. Patan, C. Cempel, N.K. Poulsen, D. Theilliol, Z. Kowalczuk, C. Aubrun, P.M. Marusak, M. Laursen, E. Rafajłowicz, W. Cholewa

2008, Vol. 18, No. 3: Special issue SELECTED PROBLEMS OF COMPUTER SCIENCE AND CONTROL Editors: Krzysztof GAŁKOWSKI, Eric ROGERS, Jan WILLEMS Authors: E. Zerz, P.H. Bauer, D.H. Owens, R. Rabenstein, T. Zięba, M. Hunger, S. Yarmolik, M. Sawerwain, P. Molchanov, K. Halawa, Ł. Hładowski, S. Banerjee, Y. Yang, S. Petruseva

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AIMS & SCOPE

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- artificial intelligence methods and their applications
- applied mathematics and mathematical optimisation techniques
- mathematical methods in engineering, computer science, and biology.

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- control theory, including optimal control, system identification, adaptive and robust control, multivariable control, and non-linear systems
- dynamical systems, including spatiotemporal processes, control problems, sensor networks, and state and parameter estimation
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- fault-tolerant control, including the control of continuous-variable and quantised systems
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- parallel and distributed computations
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