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International Journal of 1991-2011 applied mathematics and computer science





#### 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.

In particular, AMCS publishes high quality original research results in the following areas:

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0.794 (2010), 0.684 (2009)



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H. González-Vélez, G. Di Modica, F.A. López-Fuentes

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

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# **AIMS & SCOPE**

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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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- control theory, including optimal control, system identification, adaptive and robust control, multivariable control, and non-linear systems
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- applications in engineering and medicine.

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The publication of *AMCS* is financially supported by the Ministry of Science and Higher Education in Poland and the University of Zielona Góra.

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