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Special section

ISSUES IN ADVANCED CONTROL AND DIAGNOSIS

Editors

Vicenç PUIG
Marcin WITCZAK

Profile

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

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Editors

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Authors: O. Terzo, A. Carpen-Amarie, J. Kołodziej, M. Hall-May, H. González-Vélez, G. Di Modica, F.A. López-Fuentes

2011, Vol. 21, No. 1: Special section
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Authors: A.Bădică, J. Baumeister, J. Cañadas, I. Czarnowski, A. Kozierkiewicz-Hetmańska, A. Meissner

2010, Vol. 20, No. 1: Special section
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2008, Vol. 18, No. 4: Special issue
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AIMS & SCOPE

The *International Journal of Applied Mathematics and Computer Science* 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, it publishes high quality original research results in the following areas:

- 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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- large-scale systems

- mathematical biology

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- numerical computation

- optimisation, including mathematical optimisation techniques, global optimisation, and evolutionary algorithms

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- pattern recognition

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- signal processing

- applications in engineering and medicine.

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