

## **2<sup>nd</sup> Symposium on Analysis and Decision-Making in Complex and Uncertain Systems**

Chair:

Prof. Jerzy Józefczyk, Wrocław University of Technology, Poland

### **Difference between Grey Sets and Interval-valued Fuzzy Sets**

by Drs. Yingjie Yang<sup>1</sup>, Robert John<sup>1</sup>, Sifeng Liu<sup>2</sup>

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<sup>2</sup> *Nanjing University of Aeronautics and Astronautics, Nanjing, P.R. China*

### **Effect of Parameter Estimation Uncertainty on the Estimated Level of Risk in the FMEA Method**

by Profs. Lech Bukowski, Jerzy Feliks, *AGH University of Science and Technology,  
Cracow, Poland*

### **Coupling in Dynamical Systems and Its Probabilistic Consequences**

by Prof. Tadeusz Banek, *Technical University of Lublin, Lublin, Poland*

### **Decision Support Intervention Model for the Science–Technology–Industry Integration**

by Profs. Silvia Almanza<sup>1</sup>, Felipe Lara-Rosano<sup>1</sup>, Rosa Luz Gonzalez<sup>2</sup>

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<sup>2</sup> *Universidad Autónoma Metropolitana, Mexico*

### **Parametrical Regulation of Multi-criteria Economic Policy Based on Non-autonomous Computable General Equilibrium Models**

by Profs. Abdykappar A. Ashimov, Yuriy V. Borovskiy, Bahyt T. Sultanov, Rakhman A. Alshanov, Nikolay Yu. Borovskiy, Bakytzhan A. Aisakova, *Kazakh National Technical University, Almaty, Republic of Kazakhstan*

### **Synthesis of Supervisory Control for Structured Object Using Petri Nets with Resolving Arcs**

by Profs. Alexander A. Ambartsumyan<sup>1</sup>, Rimma R. Shafikova<sup>2</sup>

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### **Group Control in Discrete Event Systems**

by Prof. Alexander A. Ambartsumyan, Anatoly I. Potekhin, *Institute of Control Sciences  
Russian Academy of Science, Moscow, Russia*

### **Discrete-Event Modeling of Railway Station and Scheduling of Trains**

by Prof. Alexander A. Ambartsumyan, Sergey A. Branishtov, *Institute of Control Sciences of  
RAS, Moscow, Russia*

### **Heuristic Solution Algorithm for Routing Flow Shop with Buffers and Ready Times**

by Profs. Jerzy Józefczyk, Michał Markowski, *Wrocław University of Technology,  
Wrocław, Poland*