

CONTENTS

Authors Index...	5
ŠTEFAN Jan: History of the ASIS...	9
KOLÁŘ Dušan: Exploitation of Scattered Context Grammars to Model Constraints between Components...	13
KVASNICA Peter – PÁLENÍK Tomáš: Simulation in Flight Simulator with the Hybrid Distributed-Shared Memory Architecture...	19
BOGDAN Lucyna – PETRICZEK Grażyna: Modeling of a sewerage system...	25
GRZYBOWSKI Arkadiusz: Reliability of MPLS Networks...	31
ROZMAN Jaroslav: 2D and 3D Motion Model with Uncertainty...	37
HALKO Jozef – MAŠČENIK Jozef: Simulation of the Newly Developed Multiple-Output Gearbox...	43
GLADYSZ Jakub – WALKOWIAK Krzysztof: Analysis of Cut Inequalities for the Uncapacitated Network Design Problem with Simultaneous Unicast and Anycast Flows...	47
OLIINYK Oksana – WOZNIAK Michał: Risk in IT Projects and its Influences on their Successes...	53
RYBA Przemysław – KASPRZAK Andrzej: Minimal Cost Allocation of Computing Resources in Two-Tier Hierarchical Wide Area Networks...	59
KŘOUSTEK Jakub: Usage of Decompilation in Processor Architecture Modeling...	64
KŘIVKA Zbyněk – JIRÁK Ota: Simulation-based Debugging of 8-bit Softcore Processor...	68
PENIAK Peter – KÁLLAY Fedor – PRIKOPOVÁ Anna: Component Model for System Integration of Production Systems...	74
MARKOWSKI Marcin – KASPRZAK Andrzej: Computational Properties of Servers' Allocation Algorithms for Wide Area Networks...	81
LYSIAK Rafał – KOSZALKA Leszek – POZNIAK-KOSZALKA Ilona: Simulation-Based Evaluation of MBF Task Allocation Algorithm in Mesh-Connected Processors...	87
CHODACKI Mirosław – GOŚCINIAK Ireneusz: Built-In Self-Test Evolutionary Design...	93
IVANOV S Mihails: The Application of Generative Programming in the Development of Electronic Commerce Systems...	99

KLINK Janusz – MARCISZ Marcin – SIERADZKI Paweł: Simulation of network impairments and their influence on VoIP QoS...	...104
BACHRATÝ Hynek – KRŠÁK Emil – ŠOTEK Karel: Bitové kalendáře v konstrukci jízdních řádů...	...110
ZMYŚLONY Marcin – WOZNIAK Michał: Influence of fusion methods on quality of classification...	...117
DUĐÁK Juraj – ČIČÁK Pavel: Model of the Modbus Protocol Using Coloured Petri Nets...	...121
ŠMERINGAIOVÁ Anna: Dynamické skúšky ozubených prevodov...	...127
MAŠČENIK Jozef – NOVÁKOVÁ Martina – HALKO Jozef: A Design and Simulation of Testing Stand for Thin Sheets Rotary Shaping...	...131