

Table of Contents

Evaluation of a Communication Environment for High-Speed Mobile Wireless LAN Clients	1
<i>A. Bengsch, H. Kopp, A. Petry, D. Tavangarian</i>	
Small Worlds of Concepts and Other Principles of Semantic Search	10
<i>S. Bordag, G. Heyer, U. Quasthoff</i>	
Communities in Graphs	20
<i>M. Brinkmeier</i>	
Randomly Distributed Tasks in Bounded Time	36
<i>A. Bui, M. Bui, D. Sohler</i>	
e-Learning and Communities, Supporting the Circulation of Knowledge Pieces	48
<i>G. Eichler</i>	
Where to Start Browsing the Web?	65
<i>D. Fogaras</i>	
Small-World Networks Revisited	80
<i>T. Fuhrmann</i>	
Message-Oriented-Middleware in a Distributed Environment	93
<i>S. Goel, H. Sharda, D. Taniar</i>	
Recursive Node Similarity in Networked Information Spaces	104
<i>J.P. Grossman</i>	
Mobile Business Processes	114
<i>V. Gruhn, M. Book</i>	
A Distributed Communication System for Integration with Logistics Software	134
<i>V. Gruhn, M. Hülдер, R. Ijioui, L. Schöpe</i>	
Fault Tolerant Geographical Addressing	144
<i>D. Heutelbeck, R. R�ath, C. Unger</i>	
Improving Web Server Performance by Distributing Web Applications . . .	156
<i>M. Kakaiya, S. Goel, H. Sharda, D. Taniar</i>	
On How to Model Content Engineering in a Semantic Web Environment .	168
<i>L. Maicher</i>	

VIII Table of Contents

Matching Algorithms in Alternative File-Sharing Systems to Find New Users Having New Content	180
<i>J. Nützel</i>	
A Fuzzy Kernel-Based Method for Real-Time Network Intrusion Detection	189
<i>M. Petrovskiy</i>	
Testing Protocol Robustness	201
<i>A. Rollet, H. Fouchal</i>	
Semantic Geocast Using a Self-organizing Infrastructure	216
<i>J. Roth</i>	
Linguistic Knowledge Services – Developing Web Services in Language Technology	229
<i>F. Schmidt, C. Wolff</i>	
The Application of XML Templates for Task Preparation in an Electronic Memory Aid System	239
<i>A. Voinikonis, K. Irmischer</i>	
Aggregation Transformation of XML Schemas to Object-Relational Databases	251
<i>N.D. Widjaya, D. Taniar, J.W. Rahayu</i>	
Author Index	263