

Preface	IX
Scientific Programme	1
Author Listing	137

BUSINESS INTELLIGENCE

Modeling of Standards and the Open World Assumption Mihnea Muraru, Alexandru Agache, Matei Popovici and Ciprian Dobre	5
A Simulation based Experiment about irrational Choices in Business Emmanuel Dion	11
Data Mining Approach for Analyzing Student Profiles to improve the University Marketing Policy Dorina Kabakchieva and Kamelia Stefanova	17
Formulation of hybrid methodology to develop a Management System based on Business Intelligence to support decisions making in Restaurants (SGR) Ginna Largo Ordoñez	22
A Business Intelligence Solution for Public Transportation Sector Paulo Sampaio, Guilherme Pereira, Maria Sameiro Carvalho, José Telhada, António Paisana, Paulo Paixão and Albertino Fonseca	27
Petri Net Based Simulation for SPI Jan Kožusznik, Svatopluk Štolfa, David Ježek and Štěpán Kuchař	33

INFORMATION MANAGEMENT AND SECURITY

Industrial Information Site Mapping (PSM) Janek Götze, Egon Müller, Andreas Rutsch and Christian-Andreas Schumann	43
Fractal Geometry and Information Management Hamid Reza Dezfoulian, Mehrdad Garousi and Mehdi Garousi.....	46
Enhancing Workflow Security for Large Scale Distributed Systems Florin Pop, Alexandru Corneliu Dreneau and Valentin Cristea	49
Electronic Service for Distributed Interaction in E-Government Environments Nirvana Popescu, Decebal Popescu, Vlad Ciobanu and Florin Pop	54

CONTENTS

DECISION SUPPORT TOOLS

IT-Based Systems Approach to engage Patients in medical Error reporting in Concurrence with Staff
Ranjit Singh, Ashok Singh and Gurdev Singh.....63

Simulation as a Decision Support Tool in Maintenance Float Systems
Francisco Peito, Guilherme Pereira, Armando Leitão and Luis Dias68

A Decision Support System for Flexible Transportation System
Ana Dias, José Telhada and Maria Sameiro Carvalho75

AI APPLIED TO CONCURRENT ENGINEERING

Representation of Uncertainty in Distributed Product Development
Andre Sprenger, Lucia Mosch, Kai Mecke and Reiner Anderl83

An Evolutionary Algorithm with active Plans for the RCPSP
José A. Oliveira, Luís S. Dias and Guilherme Pereira.....90

A Genetic Algorithm for Project Scheduling in Activity Networks under resource Complementary
Helder Silva, José Oliveira and Anabela Tereso.....95

FACTORY PLANNING AND CONTROL FOR SMALL AND MEDIUM SIZED ENTERPRISES

Quality, Innovation and Performance: an Exploratory Study
António Fernandes and Luís Lourenço103

GT for CE: Operating Group Technology for Team Formation in Concurrent Engineering
Esra Aleisa, Nallan C Suresh and Li Lin109

The Influence of Release Frequency on Job Shop Logistic Performance
Nuno O. Fernandes and S. Carmo-Silva.....117

Location of Inspection Stations in Multistage Manufacturing Processes
Ali G. Shetwan and Valentin I. Vitanov121

Building a Stochastic Inventory Model for Deteriorating Items with Service Level Constraint using Simulation Modeling
Hamidreza Eskandari, Mohammadmahdi Alizadeh, Seyed M. Sajadifar and Afrouz Ghaemi129