AN ALGORITHM FOR DETERMINEING SUBSPACES CONTAINING CLUSTERS  
WITH MULTIPLE MINIMUM DENSITY THRESHOLDS FOR NUMERICAL DATA 530  
P. R. Rao  

FUZZY REASONING IN JESS: THE FUZZYJ TOOLKIT AND FUZZYJESS 533  
Robert Orchard  

MODELLING THE GENERATION OF CUSTOMISED POETRY IN JESS 543  
Pablo Gervais and Raúl Murriano  

IMPLEMENTING BUSINESS RULES IN AN OBJECT-ORIENTED SYSTEM USING JESS 553  
Permanand Mohan and Sheik Yussuff  

ONTOLOGY NEGOTIATION USING JESS 559  
Sidney C. Bailin and Wain Truszkowski  

VOLUME II  

INFORMATION SYSTEMS ANALYSIS AND SPECIFICATION  

USING XML AND FRAMEWORKS TO DEVELOP INFORMATION SYSTEMS 571  
Toacy C. de Oliveira, Ivan Mathias Filho and Carlos J. P. de Lucena  

DEFINING PATTERN CLASS STEREOTYPES IN UML 578  
Ludwik Kusmierz and Matej Piasecki  

AN OBJECT-ORIENTED FRAMEWORK FOR THE DEVELOPMENT OF  
DISTRIBUTED INDUSTRIAL PROCESS MEASUREMENT AND CONTROL SYSTEMS 583  
Kkanthis Thramboulidis, Chris Tranoris and Chris Koulamas  

FLOW COMPOSITION MODELING WITH MOF 590  
Matin Utoiu, Mike Starkey and Marc-Thomas Schmidt  

DOMAIN ORIENTED FRAMEWORK CONSTRUCTION 599  
Ivan Mathias Filho, Toacy Cavalcante de Oliveira and Carlos J. P. de Lucena  

MANAGING PROCESSES THROUGH A BASE OF REUSABLE COMPONENTS 608  
Bernard Coulette, Xavier Cregut, Dong Thi Bich Thuy and Tran Don Thu  

ENTERPRISE INFORMATION SYSTEMS: SPECIFYING THE LINKS AMONG  
PROJECT DATA MODELS USING CATEGORY THEORY 619  
Michael Johnson and C. N. G. Dampney  

COORDINATES: A LANGUAGE FOR ENTERPRISE MODELING 627  
G. Mannarino, H. Leone and G. Henning  

A KNOWLEDGE CREATION STRATEGY TO ENRICH  
ENTERPRISE INFORMATION SYSTEMS WITH  
ENTERPRISE-SPECIFIC TACIT KNOWLEDGE 633  
Syed Sibte Raza Abidi and Yv-N Cheah  

CEM: COLLABORATIVE ENTERPRISES MODELING 639  
Kayo Izukka and M. J. Matsumoto
INTERNET COMPUTING AND ELECTRONIC COMMERCE

PRIVACY AUDITS AND TRUST: THE INTERNET DILEMMA
John E. Gochenouer and Michael L. Tyler

VOYEURISM, EXHIBITIONISM, AND PRIVACY ON THE INTERNET
John E. Gochenouer and Michael L. Tyler

PLANNING SECURITY POLICY ON E-COMMERCE
Maria Martin, Alejandro Carrasco, Joaquín Luque and Rosa Gonzalo

C-ISCAP: CONTROLLED-INTERNET SECURE CONNECTIVITY ASSURANCE PLATFORM
Ji-Hoon Jeong, Jae-Hoon Nah, Sung-Won Sohn and Jong-Tai Lee

A CORBA/XML-BASED ARCHITECTURE FOR DISTRIBUTED NETWORK PLANNING TOOLS
Anton Riedl

AN XML-BASED MULTIMEDIA MIDDLEWARE FOR MOBILE ONLINE AUCTIONS
Matthias Wagner, Wolf-Tilo Balke and Werner Kießling

AN ANALYSIS OF B2B CATALOGUE INTEGRATION PROBLEMS
Borys Omelayenko and Dieter Fensel

A CORBA AND WEB TECHNOLOGY BASED FRAMEWORK FOR THE ANALYSIS AND OPTIMAL DESIGN OF COMPLEX SYSTEMS IN THE OIL INDUSTRY
Carlos Árteaga, Juan Colmenares, Nestor Queipo, Nelson Arapé and Jorge Villalobos.

THE WEB SERVER USING DYNAMIC HISTOGRAMS
Ying Web Teh and Abu Bakar Zaitun

WEBMASTER - AN INTERNET INFORMATION SUPPORT SYSTEM FOR ACADEMIC SERVICES USING ASP TECHNOLOGY
Carlos Ferreira, Leonor Teixeira and Rui Santiago

AN APPROACH FOR TOTALLY DYNAMIC FORMS PROCESSING IN WEB-BASED APPLICATIONS
Daniel J. Helm and Bruce W. Thompson

AN INTEGRATED ARCHITECTURE FOR WEB-BASED ENTERPRISE DOCUMENT MANAGEMENT SYSTEMS
Weidong Zhang and Atta Badii

AN EMPIRICAL STUDY OF THE BUSINESS MODEL IN THE KOREAN INTERNET STOCK TRADING MARKET
Kun Chang Lee, Jinsung Kim, Nambo Chung and Soonjae Kwon
CODING STANDARDS BENEFITTING PRODUCT AND SERVICE INFORMATION IN E-COMMERCE
Alea M. Fairchild and Bruno de Vyset

INTERNET PROGRAMMING: TEACHING BY EXAMPLES
Nikola B. Serbedžija

THE USE OF INFORMATION ON THE WEB TO ENHANCE TEACHING
Noubad J. Rizk

DESIGN AND IMPLEMENTATION OF A VISUAL ONLINE PRODUCT CATALOG INTERFACE
Juhnyoung Lee, Ho Soo Lee and Priscilla Wang

THE USE OF INFORMATION SYSTEMS MODELLING TO IDENTIFY AND EVALUATE E-BUSINESS STRATEGIES FOR SMALL AND MEDIUM ENTERPRISES (SMES)
José Miguel Baptista Nunes and David Patterson

E-BUSINESS CHANGE AND ORGANISATIONAL PERFORMANCE
Colin Ash

INTEGRATING NETWORK SERVICES FOR VIRTUAL TEAMS
Pascal Molli, Hala Skaf-Molli, Claude Godart, Pardip Ray, Rajan Shankaran and Vijay Varadhargan

A NEW MECHANISM FOR DISTRIBUTED MANAGERS PERSISTENCE
Rui Pedro Lopes and José Luís Oliveira

PORTUGUESE PARLIAMENTARY RECORDS DIGITAL LIBRARY
Joaquim Sousa Pinto, Joaquim Arnaldo Martins, Helder Troca Zagalo and Rui José Pereira Costa

JINI TECHNOLOGY IN E-COMMERCE
Luminita Vasiu

ELECTRONIC VOTING VIA THE INTERNET
Alexander Prosser and Robert Müller-Török

QOS NEGOTIATION BASED ON MANAGEMENT DELEGATES
José Luís Oliveira and Rui L. Agudar

INTENTIONS VALUE NETWORK
Ulrike Baumeister and Robert Winter

AN INVESTIGATION INTO AGENCY REQUIREMENTS IN E-BUSINESS INFORMATION SYSTEMS
Pascal van Eck and Roel Wieringa

DICE SHOPPING MODEL
R. Badri Narayan

AGENT BASED WORKFLOWS FOR SMALL TO MEDIUM ENTERPRISES
Botond Virginas

THE DIALECTICS OF INTERNATIONAL INTERNET-BASED TEAMS
Miguel Pina e Cunha, João Vieira da Cunha and Ângela Lacerda Nobre

MAY YOUR INFORMATION SERVICE LIVE IN INTERESTING TIMES...
Steven Willmott and Bernard Burg

AGENT-BASED PERSONALIZED SERVICES FOR MOBILE USERS OVER A VPN
Hamid Harroud, Mohamed Ahmed, Ahmed Karmouch
AN AGENT-BASED KNOWLEDGE SHARING MODEL FOR INFORMATION RETRIEVAL ON THE INTERNET
Bin Ling, Colin Allison and Kecheng Liu

ADOPTION OF THE WORLD WIDE WEB BY TRADITIONAL AUSTRALIAN MEDIA ORGANISATIONS
Darren Burden, Philip Joyce and Jamie Mustard

ACTIVE PROXIES FOR STREAMING MEDIA TO MOBILE DEVICES
Kevin Curran and Gerard Parr

SOFTWARE AGENTS FOR DIGITAL TELEVISION
João Ascenso and Alberto Silva

DESIGN AND EVALUATION OF SCALABLE VIDEO DELIVERY SERVICES OVER INTRANETS
Luis Orozco-Barbosa and Mohamed Toukourou

COLLABORATIVE SYSTEMS ARCHITECTURE TO REDUCE TRANSACTION COSTS IN E-BUSINESS
John Perkins and Sharon Dinghy

AUTOMATIC ANALYSIS OF CUSTOMER FEEDBACK AND INQUIRIES
Ulrich Bohnacker, Lars Dehning, Jürgen Franke and Ingrid Renz

MODERN TOOLS FOR DEVELOPMENT AND DESIGN OF VIRTUAL INSTRUMENTS
Remigiusz J. Rak

MULTIUSER 3D LEARNING ENVIRONMENTS IN THE WEB
Christmas Meire Bressan, Simone de Abreu, Regina Borges de Araujo and Celso Goyos

AGILE: INTELLIGENT AGENTS TO ASSIST ELECTRONIC AUCTION
Ana Cristina Bicharra Garcia, Anderson Lopes and Cristina Seidel

A TRUSTED BROKERING SERVICE FOR PKI INTEROPERABILITY AND THIN-CLIENTS INTEGRATION
Carlos M. A. Costa, José Luís Oliveira and Augusto Silva

JUSTIFYING THE BENEFITS OF WEB BASED ELECTRONIC COMMERCE APPLICATIONS: AN AUSTRALIAN PERSPECTIVE
Jasmina Drinjak, Phil Joyce and Graeme Altmann

NOTIFICATION AND ROUTING OF ELECTRONIC MAIL TO MOBILE PHONE DEVICES
Hans Weghorn