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ADVANCED AGENT-BASED ENVIRONMENTAL MANAGEMENT SYSTEMS EMERGING WEB SERVICES TECHNOLOGY VOLUME III CASCOM: INTELLIGENT SERVICE COORDINATION IN THE SEMANTIC WEB EMERGING WEB SERVICES TECHNOLOGY, VOLUME II AUTONOMIC COMPUTING AND NETWORKING NATURE-INSPIRED NETWORKING ISSUES IN MULTI-AGENT SYSTEMS AGENT TECHNOLOGY AND E-HEALTH EMERGING WEB SERVICES TECHNOLOGY BIDDING STRATEGIES IN AGENT-BASED CONTINUOUS DOUBLE AUCTIONS DEFENSE INDUSTRY APPLICATIONS OF AUTONOMOUS AGENTS AND MULTI-AGENT SYSTEMS ADVANCED AUTONOMIC NETWORKING AND COMMUNICATION THE AGENT MODELING LANGUAGE - AML CUSTOMER-BASED IP SERVICE MONITORING WITH MOBILE SOFTWARE AGENTS AN AGENT-BASED APPROACH FOR COORDINATED MULTI-PROVIDER SERVICE PROVISIONING ORGANIZATIONAL PRINCIPLES FOR MULTI-AGENT ARCHITECTURES AGENT-BASED SUPPLY NETWORK EVENT MANAGEMENT APPLICATIONS OF SOFTWARE AGENT TECHNOLOGY IN THE HEALTH CARE DOMAIN ONTOLOGIES FOR AGENTS: THEORY AND EXPERIENCES APPLICATIONS OF AGENT TECHNOLOGY IN TRAFFIC AND TRANSPORTATION CONSTRAINT SATISFACTION TECHNIQUES FOR AGENT-BASED REASONING THE ROLE OF NORMS AND ELECTRONIC INSTITUTIONS IN MULTI-AGENT SYSTEMS SOFTWARE AGENT-BASED APPLICATIONS, PLATFORMS AND DEVELOPMENT KITS TRENDS IN PRACTICAL APPLICATIONS OF AGENTS AND MULTIAGENT SYSTEMS INDUSTRIAL AGENTS ADVANCES IN ARTIFICIAL INTELLIGENCE FOR PRIVACY PROTECTION AND SECURITY ELECTRONIC HEALTHCARE INFORMATION SCIENCES AND SYSTEMS 2015 HEALTHCARE ADMINISTRATION: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS HIGHLIGHTS OF PRACTICAL APPLICATIONS OF HETEROGENEOUS MULTI-AGENT SYSTEMS - THE PAAMS COLLECTION HANDBOOK OF RESEARCH ON DEVELOPMENTS IN E-HEALTH AND TELEMEDICINE: TECHNOLOGICAL AND SOCIAL PERSPECTIVES ELECTRONIC SERVICES: CONCEPTS, METHODOLOGIES, TOOLS AND APPLICATIONS SEMANTIC ENTERPRISE APPLICATION INTEGRATION FOR BUSINESS PROCESSES: SERVICE-ORIENTED FRAMEWORKS SPRINGER HANDBOOK OF AUTOMATION MULTI-AGENT SYSTEMS FOR TRAFFIC AND TRANSPORTATION ENGINEERING MULTIAGENT BASED SUPPLY CHAIN MANAGEMENT ARCHITECTURE-BASED DESIGN OF MULTI-AGENT SYSTEMS CODING, CRYPTOGRAPHY AND COMBINATORICS COORDINATION, ORGANIZATIONS, INSTITUTIONS AND NORMS IN AGENT SYSTEMS IV ENGINEERING MULTI-AGENT SYSTEMS

ADVANCED AGENT-BASED ENVIRONMENTAL MANAGEMENT SYSTEMS 2009-03-08

MULTI AGENT SYSTEMS MAS ARE ONE OF THE MOST EXCITING RESEARCH AREAS IN ARTIFICIAL INTELLIGENCE MEANWHILE ENVIRONMENTAL STUDIES IS A RESEARCH AREA OF STRATEGIC INTEREST BOTH AREAS CAN PROVIDE SOCIETY WITH SOLUTIONS FOR MANY REAL APPLICATIONS IN ORDER TO USE AND PROTECT THE ENVIRONMENT HUMAN ACTIVITIES IMPLY INTERVENTION INTO NATURE BUT PROPERLY MANAGED THESE INTERVENTIONS CAN NOT BE ONLY ECOLOGICALLY SOUND BUT ALSO FAVOURABLE TO THE SUSTAINABLE DEVELOPMENT OF CIVILISATION THE ENCOUNTER BETWEEN THESE FIELDS IS A NEW CHALLENGE FOR MANY RESEARCHERS OF BOTH COMMUNITIES THIS BOOK PRESENTS A COMPREHENSIVE REFERENCE OF STATE OF THE ART EFFORTS SPECIFICALLY IT PRESENTS CURRENT AND FUTURE WAYS IN WHICH ADAPTIVE INFORMATION TECHNOLOGIES TECHNIQUES PROTOCOLS AND ARCHITECTURES SUCH AS SOFTWARE AGENT TECHNOLOGIES AND MULTI AGENT SYSTEMS CAN BE USED TO SUPPORT THE DEVELOPMENT OF REAL WORLD AGENT BASED SYSTEMS IN THE AREA OF E ENVIRONMENT

EMERGING WEB SERVICES TECHNOLOGY VOLUME III 2009-11-23

THIS THIRD VOLUME ON EMERGING SERVICES TECHNOLOGIES FOLLOWS THE CURRENT SEARCH ACTIVITIES IN THE AREAS OF SERVICES AND SERVICE ORIENTED ARCHITECTURES RD IT INCLUDES THE PROCEEDINGS OF THE 3 WORKSHOP ON EMERGING SERVICES TECHNOLOGY 2008 WEWST 08 WHICH WAS COLOCATED WITH THE 6 EUROPEAN CONFERENCE ON SERVICES ECOWS 08 AND TOOK PLACE IN NOVEMBER 2008 IN DUBLIN I LAND IN ADDITION THIS VOLUME FEATURES THREE PAPERS FROM THE ECOWS 08 BUSINESS TRACK WEWST FOCUSES ON RESEARCH CONTRIBUTIONS ADVANCING THE STATE OF THE ART IN SERVICES TECHNOLOGIES THE MAIN GOAL OF THE WEWST WORKSHOP IS TO SERVE AS A FORUM FOR PROVIDING EARLY EXPOSURE AND MUCH NEEDED FEEDBACK TO GROW AND ESTABLISH ORIGINAL AND EMERGING IDEAS WITHIN THE SERVICES COMMUNITY THE WIDE VARIETY OF TOOLS TECHNIQUES AND TECHNOLOGICAL SOLUTIONS PRESENTED IN WEWST SHARE ONE COMMON FEATURE THEY ADVANCE THE CURRENT SERVICES RESEARCH IN NEW DIRECTIONS BY INTRODUCING NEW SOMETIMES CONTROVERSIAL IDEAS INTO THE FLD AS SUCH WEWST IS THE NATURAL EXTENSION TO THE MAIN ECOWS CONFERENCE FOR THIS EDITION OF WEWST WE ACCEPTED 6 FULL PAPERS AND 3 SHORT PAPERS WE WOULD LIKE TO THANK THE PAPER AUTHORS FOR THEIR SUBMISSIONS AND FOR THEIR CONTRIBUTION TO THE TIMELY PREPARATION OF THESE PROCEEDINGS AS WELL AS FOR THEIR PRESENTATIONS AND LIVELY DISCUSSIONS DURING THE WORKSHOP AT THE SAME TIME WE WOULD LIKE TO THANK OUR PROGRAM COMMITTEE FOR THEIR WORK AND FOR SUBMITTING THE REVIEWS ON TIME LAST BUT NOT LEAST WE WOULD LIKE TO THANK THE ECOWS CONFERENCE ORGANIZERS FOR THEIR HELP ORGANIZING A SUCCESSFUL WORKSHOP

CASCOM: INTELLIGENT SERVICE COORDINATION IN THE SEMANTIC WEB 2008-10-29

YOU'RE IN EMERGENCY HEALTH CARE HOW DO YOU GET SEAMLESS ACCESS TO SEMANTIC SERVICES ANYTIME ANYWHERE BY USING ANY MOBILE COMPUTING DEVICE THIS BOOK PROVIDES ALL THE ANSWERS IT PRESENTS THE DESIGN IMPLEMENTATION AND VALIDATION OF A VALUE ADDED SUPPORTIVE INFRASTRUCTURE FOR SEMANTIC BASED BUSINESS APPLICATION SERVICES AND IT APPLIES THESE PROTOCOLS SPECIFICALLY TO EMERGENCY HEALTH CARE THE INFRASTRUCTURE CONCERNED HAS BEEN REALIZED BY THE CASCOM EUROPEAN RESEARCH PROJECT

EMERGING WEB SERVICES TECHNOLOGY, VOLUME II 2008-10-28

THIS BOOK CONTAINS PAPERS FROM THE 2007 EUROPEAN CONFERENCE ON SERVICES AND THE WORKSHOP ON EMERGING SERVICES TECHNOLOGY COVERAGE INCLUDES GRID BASED COMPUTING MOBILITY ISSUES FOR WEB SERVICES DYNAMIC WEB SERVICES AND MODEL DRIVEN ENGINEERING

AUTONOMIC COMPUTING AND NETWORKING 2009-06-12

AUTONOMIC COMPUTING AND NETWORKING PRESENTS INTRODUCTORY AND ADVANCED TOPICS ON AUTONOMIC COMPUTING AND NETWORKING WITH EMPHASIS ON ARCHITECTURES PROTOCOLS SERVICES PRIVACY SECURITY SIMULATION AND IMPLEMENTATION TESTBEDS AUTONOMIC COMPUTING AND NETWORKING ARE NEW COMPUTING AND NETWORKING PARADIGMS THAT ALLOW THE CREATION OF SELF MANAGING AND SELF CONTROLLING COMPUTING AND NETWORKING ENVIRONMENT USING TECHNIQUES SUCH AS DISTRIBUTED ALGORITHMS AND CONTEXT AWARENESS TO DYNAMICALLY CONTROL NETWORKING FUNCTIONS WITHOUT HUMAN INTERVENTIONS AUTONOMIC NETWORKING IS CHARACTERIZED BY RECOVERY FROM FAILURES AND MALFUNCTIONS AGILITY TO CHANGING NETWORKING ENVIRONMENT SELF OPTIMIZATION AND SELF AWARENESS THE SELF CONTROL AND MANAGEMENT FEATURES CAN HELP TO OVERCOME THE GROWING COMPLEXITY AND HETEROGENEITY OF EXISTING COMMUNICATION NETWORKS AND SYSTEMS THE REALIZATION OF FULLY AUTONOMIC HETEROGENEOUS NETWORKING INTRODUCES SEVERAL RESEARCH CHALLENGES IN ALL ASPECTS OF COMPUTING AND NETWORKING AND RELATED FIELDS

NATURE-INSPIRED NETWORKING 2018-02-13

NATURE INSPIRED INCLUDES ROUGHLY SPEAKING BIO INSPIRED PHYSICAL INSPIRED SOCIAL INSPIRED AND SO ON THIS BOOK CONTAINS HIGHLY ORIGINAL CONTRIBUTIONS ABOUT HOW NATURE IS GOING TO SHAPE NETWORKING SYSTEMS OF THE FUTURE HENCE IT FOCUSES ON RIGOROUS APPROACHES AND CUTTING EDGE SOLUTIONS WHICH ENCOMPASS THREE CLASSES OF MAJOR METHODS 1 THOSE THAT TAKE INSPIRATION FROM NATURE FOR THE DEVELOPMENT OF NOVEL PROBLEM SOLVING TECHNIQUES 2 THOSE THAT ARE BASED ON THE USE OF NETWORKS TO SYNTHESIZE NATURAL PHENOMENA AND 3 THOSE THAT EMPLOY NATURAL MATERIALS TO COMPUTE OR COMMUNICATE

ISSUES IN MULTI-AGENT SYSTEMS 2007-12-22

DISCOVER THE LATEST DEVELOPMENTS AND ISSUES IN MULTI AGENT SYSTEMS BY EXPLORING THEIR APPLICATIONS IN VARIOUS DOMAINS SUCH AS ELECTRONIC MARKETS E TOURISM AMBIENCE INTELLIGENCE AND COMPLEX SYSTEM ANALYSIS THE BOOK IS WRITTEN BY TWO RESEARCHERS WITH HANDS ON EXPERIENCE IN TECHNOLOGY TRANSFER WITH THEIR PRACTICAL FOCUS THEY HELP YOU SEE HOW AGENT TECHNOLOGY CAN BE APPLIED IN MANY NEW SERVICES AND ENVIRONMENTS

AGENT TECHNOLOGY AND E-HEALTH 2008-04-05

MULTI AGENT SYSTEMS ARE ONE OF THE MOST EXCITING RESEARCH AREAS IN ARTIFICIAL INTELLIGENCE THIS BOOK REPORTS ON THE RESULTS ACHIEVED IN THIS AREA DISCUSSES THE BENEFITS AND DRAWBACKS THAT AGENT BASED SYSTEMS MAY BRING TO MEDICAL DOMAINS AND SOCIETY AND ALSO PROVIDES A LIST OF THE RESEARCH TOPICS THAT SHOULD BE TACKLED IN THE NEAR FUTURE TO MAKE THE DEPLOYMENT OF HEALTH CARE AGENT BASED SYSTEMS A REALITY CURRENT TOPICS OF RESEARCH INCLUDE COMMUNICATION AND CO OPERATION BETWEEN DISTRIBUTED INTELLIGENT AGENTS TO MANAGE PATIENT CARE

EMERGING WEB SERVICES TECHNOLOGY 2007-10-05

THIS BOOK CONTAINS A COLLECTION OF SELECTED AND REVISED PAPERS ORIGINALLY PRESENTED AT THE WORKSHOP ON EMERGING SERVICE TECHNOLOGY WEWST HELD IN CONJUNCTION WITH THE 4TH EUROPEAN CONFERENCE ON SERVICES ECOWS 06 IN ZURICH SWITZERLAND DECEMBER 2006 IT DETAILS THE LATEST INNOVATIONS DEVELOPMENTS AND RESULTS IN SERVICES RESEARCH IN ADDITION THE BOOK RECORDS THE EVOLUTION OF IMPORTANT IDEAS EMERGING IN THE SERVICES FIELD

BIDDING STRATEGIES IN AGENT-BASED CONTINUOUS DOUBLE AUCTIONS 2008-09-15

THIS BOOK PROVIDES A NEW BIDDING STRATEGY FOR AGENTS TO ADOPT IN CONTINUOUS DOUBLE AUCTIONS CDAS AND PROPOSES SOME GENERALLY USED TOOLS TO ENHANCE THE PERFORMANCE OF EXISTING BIDDING STRATEGIES IN CDAS IT IS THE FIRST BOOK TO FOCUS ON CDAS WHERE A LIMITED AMOUNT OF SELLER AGENTS AND BUYER AGENTS TRADE WHAT THEY WANT THE SUPERIOR PERFORMANCE OF THE NEW BIDDING STRATEGY AND THE TOOLS PROPOSED BY THIS BOOK ARE ILLUSTRATED THROUGH EXTENSIVE EXPERIMENTS

DEFENSE INDUSTRY APPLICATIONS OF AUTONOMOUS AGENTS AND MULTI-AGENT SYSTEMS 2008-03-11

THIS COLLECTION OF RECENTLY PUBLISHED AND REFEREED PAPERS COMES FROM WORKSHOPS AND COLLOQUIA HELD OVER THE LAST TWO YEARS THE PAPERS DESCRIBE THE DEVELOPMENT OF COMMAND AND CONTROL SYSTEMS MILITARY COMMUNICATIONS SYSTEMS INFORMATION SYSTEMS SURVEILLANCE SYSTEMS AUTONOMOUS VEHICLES SIMULATORS AND HCI THE COLLECTION PROVIDES FOR THE FIRST TIME AN OVERVIEW OF THE MOST SIGNIFICANT ADVANCES IN THE TECHNOLOGY OF INTELLIGENT AGENTS

ADVANCED AUTONOMIC NETWORKING AND COMMUNICATION 2008-02-26

WRITTEN BY LEADING SCIENTISTS AND RESEARCHERS THIS BOOK PRESENTS A COMPREHENSIVE REFERENCE OF STATE OF THE ART EFFORTS AND EARLY RESULTS IN THE AREA OF AUTONOMIC NETWORKING AND COMMUNICATION THIS SPECIAL ISSUE EXPLORES DIFFERENT WAYS THAT AUTONOMIC PRINCIPLES CAN BE APPLIED TO EXISTING AND FUTURE NETWORKS IN PARTICULAR THE BOOK HAS THREE MAIN PARTS EACH OF THEM REPRESENTED BY THREE PAPERS DISCUSSING THEM FROM INDUSTRIAL AND ACADEMIC PERSPECTIVES

THE AGENT MODELING LANGUAGE - AML 2007-08-17

MULTI AGENT SYSTEMS HAVE BEEN A FOCUS OF STUDIES FOR MORE THAN 25 YEARS YET DESPITE SUBSTANTIAL EFFORT OF AN ACTIVE RESEARCH COMMUNITY MODELING OF MULTI AGENT SYSTEMS STILL LACKS COMPLETE AND PROPER DEFINITION GENERAL ACCEPTANCE AND PRACTICAL APPLICATION THIS BOOK PROVIDES THE AGENT MODELING LANGUAGE AML A COMPREHENSIVE MODELING LANGUAGE AS AN EXTENSION OF UML 2.0 CONCENTRATING ON MULTI AGENT SYSTEMS AND APPLICATIONS

CUSTOMER-BASED IP SERVICE MONITORING WITH MOBILE SOFTWARE AGENTS 2012-12-06

PRESENTING MOBILE SOFTWARE AGENTS FOR INTERNET SERVICE MONITORING THIS RESEARCH MONOGRAPH DISCUSSES NEWLY STANDARDIZED INTERNET TECHNOLOGIES THAT ALLOW SERVICE PROVIDERS TO OFFER SECURED INTERNET SERVICES WITH QUALITY GUARANTEES YET TODAY THE CUSTOMERS OF SUCH SERVICES HAVE NO INDEPENDENT TOOL TO VERIFY MONITOR THE SERVICE QUALITY THIS BOOK SHOWS WHY MOBILE SOFTWARE AGENTS ARE BEST FIT TO FILL THE GAP THE BOOK IS ADDRESSED TO MOBILE AGENT RESEARCHERS LOOKING FOR NEW AND FRUITFUL

APPLICATION AREAS IT WILL ALSO BE A VALUABLE RESOURCE FOR INNOVATIVE INTERNET PROVIDERS WHO ARE LOOKING FOR A SERVICE MONITORING INFRASTRUCTURE GOING BEYOND MONTHLY REPORTS

AN AGENT-BASED APPROACH FOR COORDINATED MULTI-PROVIDER SERVICE PROVISIONING *2012-12-06*

THIS BOOK PROPOSES A NOVEL APPROACH TO IMPROVE MULTI PROVIDER INTERACTIONS BASED ON THE COORDINATION OF AUTONOMOUS AND SELF MOTIVATED SOFTWARE ENTITIES ACTING ON BEHALF OF DISTINCT OPERATORS IN ADDITION A NOVEL WAY OF ADDRESSING RESOURCE ALLOCATION AND PRICING IN A COMPACT FRAMEWORK IS MADE POSSIBLE BY THE USE OF POWERFUL RESOURCE ABSTRACTION TECHNIQUES THE BOOK IS ADDRESSED TO RESEARCHERS IN THE AREA OF AGENT TECHNOLOGY AUTOMATED NEGOTIATION DISTRIBUTED CONSTRAINT SATISFACTION AND NETWORKING FURTHERMORE IT SHOULD BE A VALUABLE RESOURCE FOR BOTH NETWORK AND SERVICE PROVIDERS

ORGANIZATIONAL PRINCIPLES FOR MULTI-AGENT ARCHITECTURES *2006-03-30*

BACKGROUND IN THIS WORK WE DEVELOP A FRAMEWORK FOR THE DESIGN OF MULTI AGENT SYSTEMS INSPIRED BY HUMAN ORGANIZATIONAL PRINCIPLES ORGANIZATIONS ARE COMPLEX ENTITIES FORMED TO OVERCOME VARIOUS LIMITATIONS OF INDIVIDUAL AGENCIES SUCH AS COGNITIVE PHYSICAL TEMPORAL AND INSTITUTIONAL LIMITATIONS THERE IS A PARALLEL BETWEEN THE COMPLEXITY OF ORGANIZATIONS AND MULTI AGENT SYSTEMS THEREFORE WE EXPLORE THE USE OF CONCEPTS METHODS AND TECHNIQUES FROM HUMAN ORGANIZATIONAL DESIGN AS ARCHITECTURAL PRINCIPLES FOR MULTI AGENT SYSTEMS THREE RESEARCH LINES ARE PRESENTED ORGANIZATIONAL MODELING AND COORDINATION INTEROPERABILITY AND AGENT MODELS ORGANIZATIONAL MODELING AND COORDINATION ARE CONCERNED WITH HOW RESOURCES I.E AGENTS CAN BE IDENTIFIED AND RELATED TO EACH OTHER IN ORDER TO HAVE AGENTS COOPERATE SEVERAL ISSUES OF INTEROPERABILITY HAVE TO BE ADDRESSED AGENT MODELS DEAL WITH THE DESIGN OF INDIVIDUAL INTELLIGENT SOFTWARE AGENTS TAKING INTO ACCOUNT TYPICAL FEATURES OF AGENT INTELLIGENCE EVERY HUMAN ACTIVITY RAISES TWO CHALLENGES DIVISION OF LABOR AND COORDINATION MINTZBERG 1993 DIVISION OF LABOR IS THE DECOMPOSITION OF WORK OR GOALS INTO VARIOUS DISTINCT TASKS COORDINATION REFERS TO MANAGING RELATIONS BETWEEN THESE TASKS TO CARRY OUT THE WORK THE PATTERNS OF DIVISION OF LABOR RESPONSIBILITIES PEOPLE WHO DO THE WORK CLUSTERING OF RESPONSIBILITIES INTO UNITS AND COORDINATION BETWEEN UNITS CAN BE DEFINED BY ORGANIZATIONAL STRUCTURES GALBRAITH 1973 THE DESIGN OF AN ORGANIZATION SHOULD COVER HOW ONE OR MORE ACTORS ARE ENGAGED IN ONE OR MORE TASKS WHERE KNOWLEDGE CAPABILITIES AND RESOURCES ARE DISTRIBUTED

AGENT-BASED SUPPLY NETWORK EVENT MANAGEMENT *2006-03-16*

SUPPLY CHAIN EVENT MANAGEMENT SCEM IS ONE OF THE MAJOR TOPICS IN APPLICATION ORIENTED SUPPLY CHAIN MANAGEMENT HOWEVER MANY SOLUTIONS LACK CONCEPTUAL PRECISION AND CURRENTLY AVAILABLE CLIENT SERVER SCEM SYSTEMS ARE ILL SUITED FOR COMPLEX SUPPLY NETWORKS IN TODAY'S BUSINESS ENVIRONMENT AGENT BASED PROACTIVE INFORMATION LOGISTICS PROMISES TO OVERCOME EXISTING DEFICITS BY PROVIDING EVENT RELATED INFORMATION TO ALL PARTICIPANTS IN THE DISTRIBUTED ENVIRONMENT HENCE FOLLOW UP COSTS OF DISRUPTIVE EVENTS ARE SIGNIFICANTLY REDUCED FOR ALL NETWORK PARTICIPANTS AND PERFORMANCE OF A SUPPLY NETWORK IS INCREASED IN THIS BOOK A THOROUGH ANALYSIS OF THE EVENT MANAGEMENT PROBLEM DOMAIN IS THE STARTING POINT TO DEVELOP A GENERIC AGENT BASED APPROACH TO SUPPLY NETWORK EVENT MANAGEMENT THE MAIN FOCUS LIES ON PRACTICAL ISSUES OF EVENT MANAGEMENT E.G SEMANTIC INTEROPERABILITY AND ECONOMIC BENEFITS TO BE ACHIEVED WITH AGENT TECHNOLOGY IN THIS STATE OF THE ART PROBLEM DOMAIN

APPLICATIONS OF SOFTWARE AGENT TECHNOLOGY IN THE HEALTH CARE DOMAIN *2003-10-24*

THIS VOLUME CONTAINS A COLLECTION OF PAPERS THAT PROVIDES A UNIQUE NOVEL AND UP TO DATE OVERVIEW OF HOW SOFTWARE AGENTS TECHNOLOGY IS BEING APPLIED IN VERY DIVERSE PROBLEMS IN HEALTH CARE RANGING FROM COMMUNITY CARE TO MANAGEMENT OF ORGAN TRANSPLANTS IT ALSO PROVIDES AN INTRODUCTORY SURVEY THAT HIGHLIGHTS THE MAIN ISSUES TO BE TAKEN INTO ACCOUNT WHEN DEPLOYING AGENTS IN THE HEALTH CARE AREA THE INTENDED AUDIENCE INCLUDES GRADUATE AND POSTGRADUATE STUDENTS SPECIALIZING IN ARTIFICIAL INTELLIGENCE AND RESEARCHERS INTERESTED IN THE APPLICATION OF NEW TECHNOLOGIES

ONTOLOGIES FOR AGENTS: THEORY AND EXPERIENCES *2006-03-30*

THE VOLUME AIMS AT PROVIDING A COMPREHENSIVE REVIEW OF THE DIVERSE EFFORTS COVERING THE GAP EXISTING BETWEEN THE TWO MAIN PERSPECTIVES ON THE TOPIC OF ONTOLOGIES FOR MULTI AGENT SYSTEMS NAMELY HOW ONTOLOGIES SHOULD BE MODELLED AND REPRESENTED IN ORDER TO BE EFFECTIVELY USED IN AGENT SYSTEMS AND ON THE OTHER HAND WHAT KIND OF CAPABILITIES SHOULD BE EXHIBITED BY AN AGENT IN ORDER TO MAKE USE OF ONTOLOGICAL KNOWLEDGE AND TO PERFORM EFFICIENT REASONING WITH IT THE VOLUME COLLECTS THE MOST SIGNIFICANT PAPERS OF THE AAMAS 2002 AND AAMAS 2003 WORKSHOP ON ONTOLOGIES FOR AGENT SYSTEMS AND THE EKAW 2002 WORKSHOP ON ONTOLOGIES FOR MULTI AGENT SYSTEMS

APPLICATIONS OF AGENT TECHNOLOGY IN TRAFFIC AND TRANSPORTATION *2006-03-30*

BUILDING EFFECTIVE AND USER FRIENDLY TRANSPORTATION SYSTEMS IS ONE OF THE BIG CHALLENGES FOR ENGINEERS IN THE 21ST CENTURY THERE IS AN INCREASING NEED TO UNDERSTAND MODEL AND GOVERN SUCH SYSTEMS AT BOTH THE INDIVIDUAL AND THE SOCIETY LEVEL TRAFFIC AND TRANSPORTATION SCENARIOS ARE EXTRAORDINARILY APPEALING FOR DISTRIBUTED ARTIFICIAL INTELLIGENCE AND MULTI AGENT TECHNOLOGY IN PARTICULAR THIS BOOK GIVES AN OVERVIEW OF RECENT ADVANCES IN AGENT BASED TRANSPORTATION SYSTEMS

CONSTRAINT SATISFACTION TECHNIQUES FOR AGENT-BASED REASONING *2006-03-30*

CONSTRAINT SATISFACTION PROBLEMS ARE SIGNIFICANT IN THE DOMAIN OF AUTOMATED REASONING FOR ARTIFICIAL INTELLIGENCE THEY CAN BE APPLIED TO THE MODELING AND SOLVING OF A WIDE RANGE OF COMBINATORIAL APPLICATIONS SUCH AS PLANNING SCHEDULING AND RESOURCE SHARING IN A VARIETY OF PRACTICAL DOMAINS SUCH AS TRANSPORTATION PRODUCTION SUPPLY CHAINS NETWORK MANAGEMENT AND HUMAN RESOURCE MANAGEMENT IN THIS BOOK WE STUDY NEW TECHNIQUES FOR SOLVING CONSTRAINT SATISFACTION PROBLEMS WITH A SPECIAL FOCUS ON SOLUTION ADAPTATION APPLIED TO AGENT REASONING

THE ROLE OF NORMS AND ELECTRONIC INSTITUTIONS IN MULTI-AGENT SYSTEMS *2012-12-06*

IT IS NOT THE CONSCIOUSNESS OF MEN THAT DEFINES THEIR EXISTENCE BUT ON THE CONTRARY THEIR SOCIAL EXISTENCE DETERMINES THEIR CONSCIOUSNESS KARL MARX IN RECENT YEARS SEVERAL RESEARCHERS HAVE ARGUED THAT THE DESIGN OF MULTI AGENT SYSTEMS IN COMPLEX OPEN ENVIRONMENTS CAN BENEFIT FROM SOCIAL ABSTRACTIONS IN ORDER TO COPE WITH PROBLEMS IN COORDINATION COOPERATION AND TRUST AMONG AGENTS PROBLEMS WHICH ARE ALSO PRESENT IN HUMAN SOCIETIES THE AGENT MEDIATED ELECTRONIC INSTITUTIONS E INSTITUTIONS FOR SHORT IS A NEW AND PROMISING FIELD WHICH FOCUSES IN THE CONCEPTS OF NORMS AND INSTITUTIONS IN ORDER TO PROVIDE NORMATIVE FRAMEWORKS TO RESTRICT OR GUIDE THE BEHAVIOUR OF SOFTWARE AGENTS THE MAIN IDEA IS THAT THE INTERACTIONS AMONG A GROUP OF SOFTWARE AGENTS ARE RULED BY A SET OF EXPLICIT NORMS EXPRESSED IN A COMPUTATIONAL LANGUAGE REPRESENTATION THAT AGENTS CAN INTERPRET SUCH NORMS SHOULD NOT BE CONSIDERED AS A NEGATIVE CONSTRAINING FACTOR BUT AS AN AID THAT GUIDES THE AGENTS CHOICES AND REDUCES THE COMPLEXITY OF THE ENVIRONMENT MAKING THE BEHAVIOUR OF OTHER AGENTS MORE PREDICTABLE

SOFTWARE AGENT-BASED APPLICATIONS, PLATFORMS AND DEVELOPMENT KITS 2006-01-27

THIS BOOK INTRODUCES MAJOR AGENT PLATFORMS FRAMEWORKS SYSTEMS TOOLS AND APPLICATIONS EACH SYSTEM IS DESCRIBED BY THEIR DEVELOPERS IN SUFFICIENT DETAIL SO THAT THE READER CAN GET A GOOD UNDERSTANDING OF THE ARCHITECTURE FUNCTIONALITY AND APPLICATION AREAS OF THE SYSTEM ALL SYSTEMS ARE RUNNING SYSTEMS ONE MAIN FOCUS OF THE BOOK LIES ON AGENT PLATFORMS AND TOOLKITS

TRENDS IN PRACTICAL APPLICATIONS OF AGENTS AND MULTIAGENT SYSTEMS *2010-04-16*

PAAMS THE INTERNATIONAL CONFERENCE ON PRACTICAL APPLICATIONS OF AGENTS AND MULTI AGENT SYSTEMS IS AN INTERNATIONAL YEARLY FORUM TO PRESENT TO DISCUSS AND TO DISSEMINATE THE LATEST DEVELOPMENTS AND THE MOST IMPORTANT OUTCOMES RELATED TO REAL WORLD APPLICATIONS IT PROVIDES A UNIQUE OPPORTUNITY TO BRING MULTI DISCIPLINARY EXPERTS ACADEMICS AND PRACTITIONERS TOGETHER TO EXCHANGE THEIR EXPERIENCE IN THE DEVELOPMENT OF AGENTS AND MULTI AGENT SYSTEMS THIS VOLUME PRESENTS THE PAPERS THAT HAVE BEEN ACCEPTED FOR THE 2010 EDITION IN THE SPECIAL SESSIONS AND WORKSHOPS PAAMS 10 SPECIAL SESSIONS AND WORKSHOPS ARE A VERY USEFUL TOOL IN ORDER TO COMPLEMENT THE REGULAR PROGRAM WITH NEW OR EMERGING TOPICS OF PARTICULAR INTEREST TO THE PARTICIPATING COMMUNITY SPECIAL SESSIONS AND WORKSHOPS THAT EMPHASIZE ON MULTI DISCIPLINARY AND TRANSVERSAL ASPECTS AS WELL AS CUTTING EDGE TOPICS WERE ESPECIALLY ENCOURAGED AND WELCOMED

INDUSTRIAL AGENTS *2015-03-13*

INDUSTRIAL AGENTS EXPLAINS HOW MULTI AGENT SYSTEMS IMPROVE COLLABORATIVE NETWORKS TO OFFER DYNAMIC SERVICE CHANGES CUSTOMIZATION IMPROVED QUALITY AND RELIABILITY AND FLEXIBLE INFRASTRUCTURE LEARN HOW THESE PLATFORMS CAN OFFER DISTRIBUTED INTELLIGENT MANAGEMENT AND CONTROL FUNCTIONS WITH COMMUNICATION COOPERATION AND SYNCHRONIZATION CAPABILITIES AND ALSO PROVIDE FOR THE BEHAVIOR SPECIFICATIONS OF THE SMART COMPONENTS OF THE SYSTEM THE BOOK OFFERS NOT ONLY AN INTRODUCTION TO INDUSTRIAL AGENTS BUT ALSO CLARIFIES AND POSITIONS THE VISION ON GOING EFFORTS EXAMPLE APPLICATIONS ASSESSMENT AND ROADMAP APPLICABLE TO MULTIPLE INDUSTRIES THIS EDITED WORK IS GUIDED AND CO AUTHORED BY LEADERS OF THE IEEE TECHNICAL COMMITTEE ON INDUSTRIAL AGENTS WHO REPRESENT BOTH ACADEMIC AND INDUSTRY PERSPECTIVES AND SHARE THE LATEST RESEARCH ALONG WITH THEIR HANDS ON EXPERIENCES PROTOTYPING AND DEPLOYING INDUSTRIAL AGENTS IN INDUSTRIAL SCENARIOS LEARN HOW NEW SCIENTIFIC APPROACHES AND TECHNOLOGIES AGGREGATE RESOURCES SUCH NEXT GENERATION INTELLIGENT SYSTEMS MANUAL WORKPLACES AND INFORMATION AND MATERIAL FLOW SYSTEM GAIN INSIGHT FROM EXPERTS PRESENTING THE LATEST ACADEMIC AND INDUSTRY RESEARCH ON MULTI AGENT SYSTEMS EXPLORE MULTIPLE CASE STUDIES AND EXAMPLE APPLICATIONS SHOWING INDUSTRIAL AGENTS IN A VARIETY OF SCENARIOS UNDERSTAND IMPLEMENTATIONS

ACROSS THE ENTERPRISE FROM LOW LEVEL CONTROL SYSTEMS TO AUTONOMOUS AND COLLABORATIVE MANAGEMENT UNITS

ADVANCES IN ARTIFICIAL INTELLIGENCE FOR PRIVACY PROTECTION AND SECURITY *2011-10-18*

THIS BOOK CONSTITUTES THE THOROUGHLY REFEREED POST CONFERENCE PROCEEDINGS OF THE THIRD INTERNATIONAL CONFERENCE EHEALTH 2010 HELD IN CASABLANCA MOROCCO IN DECEMBER 2010 THE 30 REVISED FULL PAPERS PRESENTED ALONG WITH 12 PAPERS FROM 2 COLLOCATED WORKSHOPS WERE CAREFULLY REVIEWED AND SELECTED FROM 70 SUBMISSIONS IN TOTAL AND COVER A WIDE RANGE OF TOPICS INCLUDING WEB INTELLIGENCE PRIVACY TRUST AND SECURITY ONTOLOGIES AND KNOWLEDGE MANAGEMENT ELEARNING AND EDUCATION 2.0 AND ONLINE COMMUNICATIONS OF PRACTICE AND PERFORMANCE MONITORING AND EVALUATION FRAMEWORKS FOR HEALTHCARE

ELECTRONIC HEALTHCARE *2015-08-20*

THE 30TH ANNIVERSARY OF THE ISCRS INTERNATIONAL SYMPOSIUM ON COMPUTER AND INFORMATION SCIENCES SERIES OF CONFERENCES STARTED BY PROFESSOR EROL GELENBE AT BILKENT UNIVERSITY TURKEY IN 1986 WILL BE HELD AT IMPERIAL COLLEGE LONDON ON SEPTEMBER 22-24 2015 THE PRECEDING TWO ISCRS CONFERENCES WERE HELD IN KRAKOW POLAND IN 2014 AND IN PARIS FRANCE IN 2013 THE PROCEEDINGS OF ISCRS 2015 PUBLISHED BY SPRINGER BRINGS TOGETHER RIGOROUSLY REVIEWED CONTRIBUTIONS FROM LEADING INTERNATIONAL EXPERTS IT EXPLORES NEW AREAS OF RESEARCH AND TECHNOLOGICAL DEVELOPMENT IN COMPUTER SCIENCE COMPUTER ENGINEERING AND INFORMATION TECHNOLOGY AND PRESENTS NEW APPLICATIONS IN FAST CHANGING FIELDS SUCH AS INFORMATION SCIENCE COMPUTER SCIENCE AND BIOINFORMATICS THE TOPICS COVERED INCLUDE BUT ARE NOT LIMITED TO ADVANCES IN NETWORKING TECHNOLOGIES SOFTWARE DEFINED NETWORKS DISTRIBUTED SYSTEMS AND THE CLOUD SECURITY IN THE INTERNET OF THINGS SENSOR SYSTEMS AND MACHINE LEARNING AND LARGE DATA SETS

INFORMATION SCIENCES AND SYSTEMS 2015 *2014-08-31*

AS INFORMATION SYSTEMS BECOME EVER MORE PERVASIVE IN AN INCREASING NUMBER OF FIELDS AND PROFESSIONS WORKERS IN HEALTHCARE AND MEDICINE MUST TAKE INTO CONSIDERATION NEW ADVANCES IN TECHNOLOGIES AND INFRASTRUCTURE THAT WILL BETTER ENABLE THEM TO TREAT THEIR PATIENTS AND SERVE THEIR COMMUNITIES HEALTHCARE ADMINISTRATION CONCEPTS METHODOLOGIES TOOLS AND APPLICATIONS BRINGS TOGETHER RECENT RESEARCH AND CASE STUDIES IN THE MEDICAL FIELD TO EXPLORE TOPICS SUCH AS HOSPITAL MANAGEMENT DELIVERY OF PATIENT CARE AND TELEMEDICINE AMONG OTHERS WITH A FOCUS ON SOME OF THE MOST GROUNDBREAKING NEW DEVELOPMENTS AS WELL AS FUTURE TRENDS AND CRITICAL CONCERNS THIS THREE VOLUME REFERENCE SOURCE WILL BE A SIGNIFICANT TOOL FOR MEDICAL PRACTITIONERS HOSPITAL MANAGERS IT ADMINISTRATORS AND OTHERS ACTIVELY ENGAGED IN THE HEALTHCARE FIELD

HEALTHCARE ADMINISTRATION: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS *2014-05-14*

THIS BOOK CONSTITUTES THE REFEREED PROCEEDINGS OF THE WORKSHOPS WHICH COMPLEMENTED THE 12TH INTERNATIONAL CONFERENCE ON PRACTICAL APPLICATIONS OF AGENTS AND MULTI AGENT SYSTEMS PAAMS 2014 HELD IN SALAMANCA SPAIN IN JUNE 2014 THIS VOLUME PRESENTS THE PAPERS THAT HAVE BEEN ACCEPTED FOR THE FOLLOWING WORKSHOPS WORKSHOP ON AGENT BASED APPROACHES FOR THE TRANSPORTATION MODELING AND OPTIMIZATION AATMO 2014 WORKSHOP ON AGENT BASED MODELING AND SIMULATION OF COMPLEX SYSTEMS ENGINEERING AND APPLICATIONS ABSEA 2014 WORKSHOP ON AGENTS AND MULTI AGENT SYSTEMS FOR AMBIENT ASSISTED LIVING AND E HEALTH A HEALTH 2014 WORKSHOP ON AGENT BASED SOLUTIONS FOR MANUFACTURING AND SUPPLY CHAIN AMSC 2014 WORKSHOP ON INTELLIGENT SYSTEMS FOR CONTEXT BASED INFORMATION FUSION ISCIF 2014 WORKSHOP ON MULTI AGENT BASED APPLICATIONS FOR SMART GRIDS AND SUSTAINABLE ENERGY SYSTEMS MASGES 2014 WORKSHOP ON ACTIVE SECURITY THROUGH MULTI AGENT SYSTEMS WASMAS 2014 WORKSHOP ON INTELLIGENT HUMAN AGENT SOCIETIES WIHAS 2014

HIGHLIGHTS OF PRACTICAL APPLICATIONS OF HETEROGENEOUS MULTI-AGENT SYSTEMS - THE PAAMS COLLECTION *2009-12-31*

THIS BOOK PROVIDE A COMPREHENSIVE COVERAGE OF THE LATEST AND MOST RELEVANT KNOWLEDGE DEVELOPMENTS SOLUTIONS AND PRACTICAL APPLICATIONS RELATED TO E HEALTH THIS NEW FIELD OF KNOWLEDGE ABLE TO TRANSFORM THE WAY WE LIVE AND DELIVER SERVICES BOTH FROM THE TECHNOLOGICAL AND SOCIAL PERSPECTIVES PROVIDED BY PUBLISHER

HANDBOOK OF RESEARCH ON DEVELOPMENTS IN E-HEALTH AND TELEMEDICINE: TECHNOLOGICAL AND SOCIAL PERSPECTIVES *2010-05-31*

WITH THE INCREASING RELIANCE ON DIGITAL MEANS TO TRANSACT GOODS THAT ARE RETAIL AND COMMUNICATION BASED E SERVICES CONTINUE TO

DEVELOP AS KEY APPLICATIONS FOR BUSINESS FINANCE INDUSTRY AND INNOVATION ELECTRONIC SERVICES CONCEPTS METHODOLOGIES TOOLS AND APPLICATIONS IS AN ALL INCLUSIVE RESEARCH COLLECTION COVERING THE LATEST STUDIES ON THE CONSUMPTION DELIVERY AND AVAILABILITY OF E SERVICES THIS MULTI VOLUME BOOK CONTAINS OVER 100 ARTICLES MAKING IT AN ESSENTIAL REFERENCE FOR THE EVOLVING E SERVICES DISCIPLINE

ELECTRONIC SERVICES: CONCEPTS, METHODOLOGIES, TOOLS AND APPLICATIONS *2009-09-30*

THIS BOOK PROVIDES METHODS THAT ALLOW FOR ACCESS TO CORPORATE AND CUSTOMER DATA INDEPENDENT OF WHERE IT RESIDES PROVIDED BY PUBLISHER

SEMANTIC ENTERPRISE APPLICATION INTEGRATION FOR BUSINESS PROCESSES: SERVICE-ORIENTED FRAMEWORKS *2009-07-16*

THIS HANDBOOK INCORPORATES NEW DEVELOPMENTS IN AUTOMATION IT ALSO PRESENTS A WIDESPREAD AND WELL STRUCTURED CONGLOMERATION OF NEW EMERGING APPLICATION AREAS SUCH AS MEDICAL SYSTEMS AND HEALTH TRANSPORTATION SECURITY AND MAINTENANCE SERVICE CONSTRUCTION AND RETAIL AS WELL AS PRODUCTION OR LOGISTICS THE HANDBOOK IS NOT ONLY AN IDEAL RESOURCE FOR AUTOMATION EXPERTS BUT ALSO FOR PEOPLE NEW TO THIS EXPANDING FIELD

SPRINGER HANDBOOK OF AUTOMATION *2009-01-01*

THIS BOOK AIMS AT GIVING A COMPLETE PANORAMA OF THE ACTIVE AND PROMISING CROSSING AREA BETWEEN TRAFFIC ENGINEERING AND MULTI AGENT SYSTEM ADDRESSING BOTH CURRENT STATUS AND CHALLENGING NEW IDEAS PROVIDED BY PUBLISHER

MULTI-AGENT SYSTEMS FOR TRAFFIC AND TRANSPORTATION ENGINEERING *2006-10-11*

THIS BOOK TAKES A CLOSE LOOK AT RECENT PROGRESS IN THE FIELD OF SUPPLY CHAIN MANAGEMENT USING AGENT TECHNOLOGY AND MORE SPECIFICALLY MULTIAGENT SYSTEMS SIXTEEN CHAPTERS ARE ORGANIZED IN FOUR MAIN PARTS INTRODUCTORY PAPERS MULTIAGENT BASED SUPPLY CHAIN MODELING COLLABORATION AND COORDINATION BETWEEN AGENTS IN A SUPPLY CHAIN AND MULTIAGENT BASED SUPPLY CHAIN MANAGEMENT APPLICATIONS THE RESULT IS A COMPREHENSIVE REVIEW OF EXISTING LITERATURE AND IDEAS FOR FUTURE RESEARCH

MULTIAGENT BASED SUPPLY CHAIN MANAGEMENT *2010-06-01*

MULTI AGENT SYSTEMS ARE CLAIMED TO BE ESPECIALLY SUITED TO THE DEVELOPMENT OF SOFTWARE SYSTEMS THAT ARE DECENTRALIZED CAN DEAL FLEXIBLY WITH DYNAMIC CONDITIONS AND ARE OPEN TO SYSTEM COMPONENTS THAT COME AND GO THIS IS WHY THEY ARE USED IN DOMAINS SUCH AS MANUFACTURING CONTROL AUTOMATED VEHICLES AND E COMMERCE MARKETS DANNY WEYNS BOOK IS ORGANIZED ACCORDING TO THE POSTULATE THAT DEVELOPING MULTI AGENT SYSTEMS IS 95 SOFTWARE ENGINEERING AND 5 MULTI AGENT SYSTEMS THEORY HE PRESENTS A SOFTWARE ENGINEERING APPROACH FOR MULTI AGENT SYSTEMS THAT IS HEAVILY BASED ON SOFTWARE ARCHITECTURE WITH FOR EXAMPLE TAILORED PATTERNS SUCH AS SITUATED AGENT VIRTUAL ENVIRONMENT AND SELECTIVE PERCEPTION AND ON MIDDLEWARE FOR DISTRIBUTED COORDINATION WITH PROGRAMMING ABSTRACTIONS SUCH AS VIEWS AND ROLES NEXT HE SHOWS THE FEASIBILITY AND APPLICABILITY OF THIS APPROACH WITH THE DEVELOPMENT OF AN AUTOMATED TRANSPORTATION SYSTEM CONSISTING OF A NUMBER OF AUTOMATIC GUIDED VEHICLES TRANSPORTING LOADS IN AN INDUSTRIAL SETTING WEYNS PUTS THE DEVELOPMENT OF MULTI AGENT SYSTEMS INTO A LARGER PERSPECTIVE WITH TRADITIONAL SOFTWARE ENGINEERING APPROACHES WITH THIS HE OPENS UP OPPORTUNITIES TO EXPLOIT THE BODY OF KNOWLEDGE DEVELOPED IN THE MULTI AGENT SYSTEMS COMMUNITY TO TACKLE SOME OF THE DIFFICULT CHALLENGES OF MODERN DAY SOFTWARE SYSTEMS SUCH AS DECENTRALIZED CONTROL LOCATION AWARENESS SELF ADAPTION AND LARGE SCALE THUS HIS BOOK IS OF INTEREST FOR BOTH RESEARCHERS AND INDUSTRIAL SOFTWARE ENGINEERS WHO DEVELOP APPLICATIONS IN AREAS SUCH AS DISTRIBUTED CONTROL SYSTEMS AND MOBILE APPLICATIONS WHERE SUCH REQUIREMENTS ARE OF CRUCIAL IMPORTANCE

ARCHITECTURE-BASED DESIGN OF MULTI-AGENT SYSTEMS *2004-06-25*

IT HAS LONG BEEN RECOGNIZED THAT THERE ARE FASCINATING CONNECTIONS BETWEEN CODING THEORY CRYPTOLOGY AND COMBINATORICS THEREFORE IT SEEMED DESIRABLE TO US TO ORGANIZE A CONFERENCE THAT BRINGS TOGETHER EXPERTS FROM THESE THREE AREAS FOR A FRUITFUL EXCHANGE OF IDEAS WE DECIDED ON A VENUE IN THE HUANG SHAN YELLOW MOUNTAIN REGION ONE OF THE MOST SCENIC AREAS OF CHINA SO AS TO PROVIDE THE ADDITIONAL INDUCEMENT OF AN ATTRACTIVE LOCATION THE CONFERENCE WAS PLANNED FOR JUNE 2003 WITH THE OFFICIAL TITLE WORKSHOP ON CODING CRYPTOGRAPHY AND COMBINATORICS CCC 2003 THOSE WHO ARE FAMILIAR WITH EVENTS IN EAST ASIA IN THE FIRST HALF OF 2003 CAN GUESS WHAT HAPPENED IN THE END NAMELY THE CONFERENCE HAD TO BE CANCELLED IN THE INTEREST OF THE HEALTH OF THE PARTICIPANTS THE SARS EPIDEMIC POSED TOO SERIOUS A THREAT AT THE TIME OF THE CANCELLATION THE ORGANIZATION OF THE

CONFERENCE WAS AT AN ADVANCED STAGE ALL INVITED SPEAKERS HAD BEEN SELECTED AND ALL ABSTRACTS OF CONTRIBUTED TALKS HAD BEEN SCREENED BY THE PROGRAM COMMITTEE THUS IT WAS DECIDED TO CALL ON ALL INVITED SPEAKERS AND PRESENTERS OF ACCEPTED CONTRIBUTED TALKS TO SUBMIT THEIR MANUSCRIPTS FOR PUBLICATION IN THE PRESENT VOLUME ALTOGETHER 39 SUBMISSIONS WERE RECEIVED AND SUBMITTED TO ANOTHER ROUND OF REFEREEING AFTER CAREFUL SCRUTINY 28 PAPERS WERE ACCEPTED FOR PUBLICATION

CODING, CRYPTOGRAPHY AND COMBINATORICS 2009-04-03

THIS BOOK CONSTITUTES THE THOROUGHLY REFEREED POST WORKSHOP PROCEEDINGS OF THE INTERNATIONAL WORKSHOP ON COORDINATION ORGANIZATION INSTITUTIONS AND NORMS IN AGENT SYSTEMS COIN 2008 HELD AS TWO EVENTS AT AAMAS 2008 THE 7TH INTERNATIONAL JOINT CONFERENCE ON AUTONOMOUS AGENTS AND MULTIAGENT SYSTEMS IN ESTORIL PORTUGAL IN MAY 2008 AND AT AAAI 2008 THE 23RD AAAI CONFERENCE ON ARTIFICIAL INTELLIGENCE IN CHICAGO IL USA IN JULY 2008 THIS VOLUME IS THE 4TH IN A SERIES FOCUSING ON ISSUES IN COORDINATION ORGANIZATIONS INSTITUTIONS AND NORMS COIN IN MULTI AGENT SYSTEMS THE 17 PAPERS CONTAINED IN THIS VOLUME ARE THE REVISED AND EXTENDED VERSIONS OF A SELECTION OF PAPERS PRESENTED AND DISCUSSED IN THESE TWO WORKSHOPS THE PAPERS ARE ORGANIZED IN THE FOLLOWING TOPICAL SECTIONS FROM COORDINATION TO ORGANIZATION FROM ORGANIZATION TO COORDINATION FORMALIZATION OF NORMS AND INSTITUTIONS DESIGN OF NORMS AND INSTITUTIONS AS WELL AS APPLICATIONS

COORDINATION, ORGANIZATIONS, INSTITUTIONS AND NORMS IN AGENT SYSTEMS IV 2015-11-14

THIS BOOK CONSTITUTES THE REFEREED PROCEEDINGS OF THE THIRD INTERNATIONAL WORKSHOP ON ENGINEERING MULTI AGENT SYSTEMS EMAS 2015 HELD IN ISTANBUL TURKEY IN MAY 2015 THE 10 FULL PAPERS PRESENTED WITH TWO INVITED TALKS WERE CAREFULLY REVIEWED AND SELECTED FROM 19 SUBMISSIONS THE FOCUS OF THE PAPERS IS ON THE TOPICS SUCH AS PROGRAMMING FRAMEWORKS LANGUAGES MODELS AND ABSTRACTIONS FOR MAS FORMAL METHODS AND DECLARATIVE TECHNOLOGIES FOR SPECIFICATION VERIFICATION AND ENGINEERING OF MAS MAS SOFTWARE ENGINEERING METHODOLOGIES AND TECHNIQUES AND DEVELOPMENT CONCERNS INTEROPERABILITY AND INTEGRATION TOOLS AND TESTBEDS MAS TECHNIQUES AND EMPIRICAL STUDIES AND INDUSTRIAL EXPERIENCE REPORTS

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