

Expert Systems With Applications International Journal Pdf Pdf

[EXPERT SYSTEMS WITH APPLICATIONS INTERNATIONAL JOURNAL Pdf Pdf](#) - ADOPTING THE MELODY OF EXPRESSION: AN MENTAL SYMPHONY WITHIN **EXPERT SYSTEMS WITH APPLICATIONS INTERNATIONAL JOURNAL Pdf Pdf**

IN SOME SORT OF USED BY SCREENS AND THE CEASELESS CHATTER OF FAST COMMUNICATION, THE MELODIC BEAUTY AND EMOTIONAL SYMPHONY CREATED BY THE WRITTEN TERM FREQUENTLY DIMINISH IN TO THE BACK GROUND, ECLIPSED BY THE CONSTANT SOUND AND INTERRUPTIONS THAT PERMEATE OUR LIVES. BUT, NESTLED WITHIN THE PAGES OF **EXPERT SYSTEMS WITH APPLICATIONS INTERNATIONAL JOURNAL Pdf Pdf** AN ENCHANTING FICTIONAL VALUE FILLED WITH ORGANIC EMOTIONS, LIES AN IMMERSIVE SYMPHONY WAITING TO BE EMBRACED. CONSTRUCTED BY AN OUTSTANDING MUSICIAN OF LANGUAGE, THIS INTERESTING MASTERPIECE CONDUCTS READERS ON A PSYCHOLOGICAL JOURNEY, SKILLFULLY UNRAVELING THE CONCEALED MELODIES AND PROFOUND IMPACT RESONATING WITHIN EACH CAUTIOUSLY CONSTRUCTED PHRASE. WITHIN THE DEPTHS OF THE MOVING EXAMINATION, WE WILL INVESTIGATE THE BOOK IS MAIN HARMONIES, ANALYZE ITS ENTHRALLING PUBLISHING TYPE, AND SUBMIT OURSELVES TO THE PROFOUND RESONANCE THAT ECHOES IN THE DEPTHS OF READERS SOULS. AS RECOGNIZED, ADVENTURE AS SKILLFULLY AS EXPERIENCE PRACTICALLY LESSON, AMUSEMENT, AS CAPABLY AS CONCURRENCE CAN BE GOTTEN BY JUST CHECKING OUT A EBOOK **EXPERT SYSTEMS WITH APPLICATIONS INTERNATIONAL JOURNAL Pdf Pdf** IN ADDITION TO IT IS NOT DIRECTLY DONE, YOU COULD TOLERATE EVEN MORE ROUGHLY THIS LIFE, ON THE SUBJECT OF THE WORLD.

WE OFFER YOU THIS PROPER AS WITH EASE AS SIMPLE PRETENSION TO ACQUIRE THOSE ALL. WE COME UP WITH THE MONEY FOR EXPERT SYSTEMS WITH APPLICATIONS INTERNATIONAL JOURNAL Pdf Pdf AND NUMEROUS EBOOK COLLECTIONS FROM FICTIONS TO SCIENTIFIC RESEARCH IN ANY WAY. ALONG WITH THEM IS THIS EXPERT SYSTEMS WITH APPLICATIONS INTERNATIONAL JOURNAL Pdf Pdf THAT CAN BE YOUR PARTNER. - *Expert Systems With Applications International Journal Pdf Pdf*

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EXPERT SYSTEMS IN ENGINEERING APPLICATIONS SPYROS TZAFESTAS 2012-12-06 EXPERT SYSTEM TECHNOLOGY IS RECEIVING INCREASING POPULARITY AND ACCEPTANCE IN THE ENGINEERING COMMUNITY. THIS IS DUE TO THE FACT THAT THERE ACTUALLY EXISTS A CLOSE MATCH BETWEEN THE CAPABILITIES OF THE CURRENT GENERATION EXPERT SYSTEMS AND THE REQUIREMENTS OF ENGINEERING PRACTICE. PREPARED BY A DISTINGUISHED TEAM OF EXPERTS, THIS BOOK PROVIDES A BALANCED STATE-OF-THE-ART PRESENTATION OF THE DESIGN PRINCIPLES OF ENGINEERING EXPERT SYSTEMS, AND A REPRESENTATIVE PICTURE OF THEIR CAPABILITIES TO ASSIST EFFICIENTLY THE DESIGN, DIAGNOSIS AND OPERATION OF COMPLEX INDUSTRIAL PLANTS. AMONG THE APPLICATION AREAS COVERED ARE THE FOLLOWING: HARDWARE SYNTHESIS, INDUSTRIAL PLANT LAYOUT DESIGN, FAULT DIAGNOSIS, PROCESS CONTROL, IMAGE ANALYSIS, COMPUTER COMMUNICATION, ELECTRIC POWER SYSTEMS, INTELLIGENT CONTROL, ROBOTICS, AND MANUFACTURING SYSTEMS. THE BOOK IS APPROPRIATE FOR THE RESEARCHER AND THE PROFESSIONAL. THE RESEARCHER CAN SAVE CONSIDERABLE TIME IN SEARCHING THE SCATTERED TECHNICAL INFORMATION ON ENGINEERING EXPERT SYSTEMS. THE PROFESSIONAL CAN HAVE READILY AVAILABLE A RICH SET OF GUIDELINES AND TECHNIQUES THAT ARE APPLICABLE TO A WIDE CLASS OF ENGINEERING DOMAINS.

HEALTHCARE ADMINISTRATION FOR PATIENT SAFETY AND ENGAGEMENT ROSIEK-KRYSZEWSKA, ALEKSANDRA 2018-02-09 ETHICAL MEDICAL TREATMENT IS AN IMPORTANT ASPECT OF HEALTHCARE THAT IS AFFECTED BY MULTIPLE INFLUENCING FACTORS IN, BOTH PRIVATE AND PUBLIC, MEDICAL ORGANIZATIONS. BY UNDERSTANDING AND ADAPTING THE COMPONENTS OF THE HEALTH SYSTEM TO THESE INFLUENCING FACTORS, HEALTHCARE CAN HAVE BETTER OUTCOMES FOR PATIENTS AND PRACTITIONERS. HEALTHCARE ADMINISTRATION FOR PATIENT SAFETY AND ENGAGEMENT PROVIDES EMERGING RESEARCH ON THE THEORETICAL AND PRACTICAL ASPECTS OF HEALTHCARE MANAGEMENT FOR OPTIMAL PATIENT CARE AND COMMUNICATION. WHILE HIGHLIGHTING TOPICS, SUCH AS CLINICAL COMMUNICATION, ETHICAL DILEMMAS, AND PREVENTIVE MEDICINE, THIS BOOK WILL TEACH READERS ABOUT THE TOOLS AND APPLICATIONS OF ETHICAL TREATMENT AND HOSPITAL BEHAVIOR IN BOTH PRIVATE AND PUBLIC MEDICAL ORGANIZATIONS. THIS BOOK IS AN IMPORTANT RESOURCE FOR MANAGERS AND EMPLOYEES OF HEALTH UNITS, PHYSICIANS, MEDICAL STUDENTS, PSYCHOLOGY AND SOCIOLOGY PROFESSIONALS, AND RESEARCHERS SEEKING CURRENT RESEARCH ON HEALTHCARE ORGANIZATION AND PATIENT SATISFACTION.

DATABASE AND EXPERT SYSTEMS APPLICATIONS - DEXA 2021 WORKSHOPS GABRIELE KOTSIS 2021-09-20 THIS VOLUME CONSTITUTES THE REFEREED PROCEEDINGS OF THE WORKSHOPS HELD AT THE 32ND INTERNATIONAL CONFERENCE ON DATABASE AND EXPERT SYSTEMS APPLICATIONS, DEXA 2021, HELD IN A VIRTUAL FORMAT IN SEPTEMBER 2021: THE 12TH INTERNATIONAL WORKSHOP ON BIOLOGICAL KNOWLEDGE DISCOVERY FROM DATA (BIOKDD 2021), THE 5TH INTERNATIONAL WORKSHOP ON CYBER-SECURITY AND FUNCTIONAL SAFETY IN CYBER-PHYSICAL SYSTEMS (IWCF5 2021), THE 3RD INTERNATIONAL WORKSHOP ON MACHINE LEARNING AND KNOWLEDGE GRAPHS (MLKGRAPHS 2021), THE 1ST INTERNATIONAL WORKSHOP ON ARTIFICIAL INTELLIGENCE FOR CLEAN, AFFORDABLE AND RELIABLE ENERGY SUPPLY (AI-CARES 2021), THE 1ST INTERNATIONAL WORKSHOP ON TIME ORDERED DATA (PROTIME2021), AND THE 1ST INTERNATIONAL WORKSHOP ON AI SYSTEM ENGINEERING: MATH, MODELLING AND SOFTWARE (AISYS2021). DUE TO THE COVID-19 PANDEMIC THE CONFERENCE AND WORKSHOPS WERE HELD VIRTUALLY. THE 23 PAPERS WERE THOROUGHLY REVIEWED AND SELECTED FROM 50 SUBMISSIONS, AND DISCUSS A RANGE OF TOPICS INCLUDING: KNOWLEDGE DISCOVERY, BIOLOGICAL DATA, CYBER SECURITY, CYBER-PHYSICAL SYSTEM, MACHINE LEARNING, KNOWLEDGE GRAPHS, INFORMATION RETRIEVER, DATA BASE, AND ARTIFICIAL INTELLIGENCE.

DATABASE AND EXPERT SYSTEMS APPLICATIONS STEPHEN W. LIDDLE 2012-08-20 THIS TWO VOLUME SET LNCS 7446 AND LNCS 7447 CONSTITUTES THE REFEREED PROCEEDINGS OF THE 23RD INTERNATIONAL CONFERENCE ON DATABASE AND EXPERT SYSTEMS APPLICATIONS, DEXA 2012, HELD IN VIENNA, AUSTRIA, SEPTEMBER 3-6, 2012. THE 49 REVISED FULL PAPERS PRESENTED TOGETHER WITH 37 SHORT PAPERS AND 2 KEYNOTE TALKS WERE CAREFULLY REVIEWED AND SELECTED FROM 179 SUBMISSIONS. THESE PAPERS DISCUSS A RANGE OF TOPICS INCLUDING: DATABASE QUERY PROCESSING, IN PARTICULAR XML QUERIES; LABELLING OF XML DOCUMENTS; COMPUTATIONAL EFFICIENCY, DATA EXTRACTION; PERSONALIZATION, PREFERENCES, AND RANKING; SECURITY AND PRIVACY; DATABASE SCHEMA EVALUATION AND EVOLUTION; SEMANTIC WEB; PRIVACY AND PROVENANCE; DATA MINING; DATA STREAMING; DISTRIBUTED SYSTEMS; SEARCHING AND QUERY ANSWERING; STRUCTURING, COMPRESSION AND OPTIMIZATION; FAILURE, FAULT ANALYSIS, AND UNCERTAINTY; PREDICATION, EXTRACTION, AND ANNOTATION; RANKING AND PERSONALISATION; DATABASE PARTITIONING AND PERFORMANCE MEASUREMENT; RECOMMENDATION AND PREDICTION SYSTEMS; BUSINESS PROCESSES; SOCIAL NETWORKING.

DATABASE AND EXPERT SYSTEMS APPLICATIONS CHRISTINE STRAUSS 2021-08-31 THIS TWO-VOLUME SET, LNCS 12923 AND 12924, CONSTITUTES THE THOROUGHLY REFEREED PROCEEDINGS OF THE 5TH INTERNATIONAL CONFERENCE ON DATABASE AND EXPERT SYSTEMS APPLICATIONS, DEXA 2021. DUE TO COVID-19 PANDEMIC, THE CONFERENCE WAS HELD VIRTUALLY. THE 37 FULL PAPERS PRESENTED TOGETHER WITH 31 SHORT PAPERS IN THESE VOLUMES WERE CAREFULLY REVIEWED AND SELECTED FROM A TOTAL OF 149 SUBMISSIONS. THE PAPERS ARE ORGANIZED AROUND THE FOLLOWING TOPICS: BIG DATA; DATA ANALYSIS AND DATA MODELING; DATA MINING; DATABASES AND DATA MANAGEMENT; INFORMATION RETRIEVAL; PREDICTION AND DECISION SUPPORT.

INTERNATIONAL JOURNAL OF SYSTEM DYNAMICS APPLICATIONS AHMAD TAHER AZAR 2014

DATABASE AND EXPERT SYSTEMS APPLICATIONS SVEN HARTMANN 2019-08-19 THIS TWO VOLUME SET OF LNCS 11706 AND LNCS 11707 CONSTITUTES THE REFEREED PROCEEDINGS OF THE 30TH INTERNATIONAL CONFERENCE ON DATABASE AND EXPERT SYSTEMS APPLICATIONS, DEXA 2019, HELD IN LINZ, AUSTRIA, IN AUGUST 2019. THE 32 FULL PAPERS PRESENTED TOGETHER WITH 34 SHORT PAPERS WERE CAREFULLY REVIEWED AND SELECTED FROM 157 SUBMISSIONS. THE PAPERS ARE ORGANIZED IN THE FOLLOWING TOPICAL SECTIONS: PART I: BIG DATA MANAGEMENT AND ANALYTICS; DATA STRUCTURES AND DATA MANAGEMENT; MANAGEMENT AND PROCESSING OF KNOWLEDGE; AUTHENTICITY, PRIVACY, SECURITY AND TRUST; CONSISTENCY, INTEGRITY, QUALITY OF DATA; DECISION SUPPORT SYSTEMS; DATA MINING AND WAREHOUSING. PART II: DISTRIBUTED, PARALLEL, P2P, GRID AND CLOUD DATABASES; INFORMATION RETRIEVAL; SEMANTIC WEB AND ONTOLOGIES; INFORMATION PROCESSING; TEMPORAL, SPATIAL, AND HIGH DIMENSIONAL DATABASES; KNOWLEDGE DISCOVERY; WEB SERVICES.

DATA-CENTRIC AI SOLUTIONS AND EMERGING TECHNOLOGIES IN THE HEALTHCARE ECOSYSTEM ALEX KHANG 2023-10-09 THE BOOK OFFERS INSIGHT INTO THE HEALTHCARE SYSTEM BY EXPLORING EMERGING TECHNOLOGIES AND AI-BASED APPLICATIONS AND IMPLEMENTATION STRATEGIES. IT INCLUDES CURRENT DEVELOPMENTS FOR FUTURE DIRECTIONS AS WELL AS COVERING THE CONCEPT OF

THE HEALTHCARE SYSTEM ALONG WITH ITS ECOSYSTEM. DATA-CENTRIC AI SOLUTIONS AND EMERGING TECHNOLOGIES IN THE HEALTHCARE ECOSYSTEM FOCUSES ON THE MECHANISMS OF PROPOSING AND INCORPORATING SOLUTIONS ALONG WITH ARCHITECTURAL CONCEPTS, DESIGN PRINCIPLES, SMART SOLUTIONS, DECISION-MAKING PROCESS, AND INTELLIGENT PREDICTIONS. IT OFFERS STATE-OF-THE-ART APPROACHES FOR OVERALL INNOVATIONS, DEVELOPMENTS, AND IMPLEMENTATION OF THE SMART HEALTHCARE ECOSYSTEM AND HIGHLIGHTS MEDICAL SIGNAL AND IMAGE PROCESSING ALGORITHMS, HEALTHCARE-BASED COMPUTER VISION SYSTEMS, AND DISCUSSES EXPLAINABLE AI (XAI) TECHNIQUES FOR HEALTHCARE. THIS BOOK WILL BE USEFUL TO RESEARCHERS INVOLVED IN AI, IOT, DATA, AND EMERGING TECHNOLOGIES IN THE MEDICAL INDUSTRY. IT IS ALSO SUITABLE AS SUPPORTING MATERIAL FOR UNDERGRADUATE AND GRADUATE-LEVEL COURSES IN RELATED ENGINEERING DISCIPLINES.

DATABASE AND EXPERT SYSTEMS APPLICATIONS ABDELKADER HAMEURLAIN 2011-08-19 THIS BOOK CONSTITUTES THE REFEREED PROCEEDINGS OF THE 22 INTERNATIONAL CONFERENCE ON DATABASE AND EXPERT SYSTEMS APPLICATIONS, DEXA 2011, HELD IN TOULOUSE, FRANCE, AUGUST 29 - SEPTEMBER 2, 2011. THE 52 REVISED FULL PAPERS AND 40 SHORT PAPERS PRESENTED WERE CAREFULLY REVIEWED AND SELECTED FROM 207 SUBMISSIONS. THE PAPERS ARE ORGANIZED IN TOPICAL SECTIONS ON XML QUERYING AND VIEWS; DATA MINING; QUERIES AND SEARCH; SEMANTIC WEB; INFORMATION RETRIEVAL; BUSINESS APPLICATIONS; USER SUPPORT; INDEXING; QUERIES, VIEWS AND DATA WAREHOUSES; ONTOLOGIES; PHYSICAL ASPECTS OF DATABASES; DESIGN; DISTRIBUTION; MISCELLANEOUS TOPICS.

EXPERT SYSTEMS IN FINANCE NOURA METAWA 2019-05-10 THROUGHOUT THE INDUSTRY, FINANCIAL INSTITUTIONS SEEK TO ELIMINATE CUMBERSOME AUTHENTICATION METHODS, SUCH AS PINS, PASSWORDS, AND SECURITY QUESTIONS, AS THESE ANTIQUATED TACTICS PROVE INCREASINGLY WEAK. THUS, MANY ORGANIZATIONS NOW AIM TO IMPLEMENT EMERGING TECHNOLOGIES IN AN EFFORT TO VALIDATE IDENTITIES WITH GREATER CERTAINTY. THE NEAR INSTANTANEOUS NATURE OF ONLINE BANKING, PURCHASES, TRANSACTIONS, AND PAYMENTS PUTS TREMENDOUS PRESSURE ON BANKS TO SECURE THEIR OPERATIONS AND PROCEDURES. IN ORDER TO REDUCE THE RISK OF HUMAN ERROR IN FINANCIAL DOMAINS, EXPERT SYSTEMS ARE SEEN TO OFFER A GREAT ADVANTAGE IN BIG DATA ENVIRONMENTS. BESIDES THEIR EFFICIENCY IN QUANTITATIVE ANALYSIS SUCH AS PROFITABILITY, BANKING MANAGEMENT, AND STRATEGIC FINANCIAL PLANNING, EXPERT SYSTEMS HAVE SUCCESSFULLY TREATED QUALITATIVE ISSUES INCLUDING FINANCIAL ANALYSIS, INVESTMENT ADVISORIES, AND KNOWLEDGE-BASED DECISION SUPPORT SYSTEMS. DUE TO THE INCREASE IN FINANCIAL APPLICATIONS' SIZE, COMPLEXITY, AND NUMBER OF COMPONENTS, IT IS NO LONGER PRACTICAL TO ANTICIPATE AND MODEL ALL POSSIBLE INTERACTIONS AND DATA PROCESSING IN THESE APPLICATIONS USING THE TRADITIONAL DATA PROCESSING MODEL. THE EMERGENCE OF NEW RESEARCH AREAS IS CLEAR EVIDENCE OF THE RISE OF NEW DEMANDS AND REQUIREMENTS OF MODERN REAL-LIFE APPLICATIONS TO BE MORE INTELLIGENT. THIS BOOK PROVIDES AN EXHAUSTIVE REVIEW OF THE ROLES OF EXPERT SYSTEMS WITHIN THE FINANCIAL SECTOR, WITH PARTICULAR REFERENCE TO BIG DATA ENVIRONMENTS. IN ADDITION, IT OFFERS A COLLECTION OF HIGH-QUALITY RESEARCH THAT ADDRESSES BROAD CHALLENGES IN BOTH THEORETICAL AND APPLICATION ASPECTS OF INTELLIGENT AND EXPERT SYSTEMS IN FINANCE. THE BOOK SERVES TO AID THE CONTINUED EFFORTS OF THE APPLICATION OF INTELLIGENT SYSTEMS THAT RESPOND TO THE PROBLEM OF BIG DATA PROCESSING IN A SMART BANKING AND FINANCIAL ENVIRONMENT.

NEW OPPORTUNITIES AND CHALLENGES IN OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT DANIEL PODGORSKI 2020-07-08 GLOBAL ECONOMY AND ITS BUSINESS ENVIRONMENT, AND THUS THE WORLD OF WORK, HAVE RECENTLY BEEN INFLUENCED BY DEMOGRAPHIC AND SOCIAL CHANGES, GLOBALISATION, AS WELL AS RAPID DEVELOPMENT AND INTRODUCTION OF NOVEL, SOPHISTICATED AND PREVIOUSLY UNKNOWN TECHNOLOGIES AND NEW BUSINESS MODELS, ESPECIALLY IN THE CONTEXT OF THE SO-CALLED FOURTH INDUSTRIAL REVOLUTION. THESE CHANGES POSE A NUMBER OF CHALLENGES IN TERMS OF MAINTAINING AND IMPROVING OCCUPATIONAL SAFETY AND HEALTH (OSH) MANAGEMENT PERFORMANCE, AS TRADITIONAL APPROACHES TO OSH MANAGEMENT IN NEW WORKING ENVIRONMENTS MAY NO LONGER BE EFFECTIVE. IN VIEW OF THE ABOVE, THE OVERALL GOAL OF THIS BOOK IS TO PRESENT NEW APPROACHES AND METHODS FOR IMPROVING THE EFFECTIVENESS OF OSH MANAGEMENT. THEY ARE BASED ON STATE-OF-THE-ART RESEARCH AND ARE IN LINE WITH THE LATEST TRENDS AND CONCEPTS IN THE FIELD. THE BOOK FOCUSES ON FIVE THEMATIC AREAS, WHICH ARE DISCUSSED IN RESPECTIVE CHAPTERS: 1) IMPLEMENTING THE PROCESS APPROACH TO OSH MANAGEMENT; 2) IMPROVING OSH MANAGEMENT SYSTEMS WITH FUZZY COGNITIVE MAPS; 3) IMPLEMENTING STRATEGIC THINKING APPROACHES IN RELATION TO OSH MANAGEMENT; 4) INTEGRATING OSH MANAGEMENT WITHIN THE FRAMEWORK OF THE CSR CONCEPT; 5) ENHANCING OSH MANAGEMENT PROCESSES THROUGH THE USE OF SMART DIGITAL TECHNOLOGIES. THE METHODS AND SOLUTIONS DISCUSSED MAY BE CONSIDERED AS SPECIFIC "OPPORTUNITIES" FOR THE IMPROVEMENT TO BE TAKEN INTO ACCOUNT IN THE PROCESSES OF IMPLEMENTING AND MAINTAINING AN OSH MANAGEMENT SYSTEM IN LIGHT OF THE REQUIREMENTS OF THE NEW ISO 45001 STANDARD.

DATABASE AND EXPERT SYSTEMS APPLICATIONS HENDRIK DECKER 2013-08-17 THIS TWO VOLUME SET LNCS 8055 AND LNCS 8056 CONSTITUTES THE REFEREED PROCEEDINGS OF THE 24TH INTERNATIONAL CONFERENCE ON DATABASE AND EXPERT SYSTEMS APPLICATIONS, DEXA 2013, HELD IN PRAGUE, CZECH REPUBLIC, AUGUST 23-29, 2013. THE 43 REVISED FULL PAPERS PRESENTED TOGETHER WITH 33 SHORT PAPERS, AND 3 KEYNOTE TALKS, WERE CAREFULLY REVIEWED AND SELECTED FROM 174 SUBMISSIONS. THESE PAPERS DISCUSS A RANGE OF TOPICS INCLUDING: SEARCH QUERIES; INDEXING; DISCOVERY OF SEMANTICS; PARALLEL PROCESSING; XML AND RDF; ENTERPRISE MODELS; QUERY EVALUATION AND OPTIMIZATION; SEMANTIC WEB; SAMPLING; INDUSTRIAL APPLICATIONS; COMMUNITIES; AI AND DATABASES; MATCHING AND SEARCHING; INFORMATION EXTRACTION; QUERIES, STREAMS, AND UNCERTAINTY, STORAGE AND COMPRESSION; QUERY PROCESSING; SECURITY; DISTRIBUTED DATA PROCESSING; METADATA MODELING AND MAINTENANCE; PRICING AND RECOMMENDING; AND SECURITY AND SEMANTICS.

DATABASE AND EXPERT SYSTEMS APPLICATIONS - DEXA 2022 WORKSHOPS GABRIELE KOTSIS 2022-08-15 THIS VOLUME CONSTITUTES THE REFEREED PROCEEDINGS OF THE WORKSHOPS HELD AT THE 33RD INTERNATIONAL CONFERENCE ON DATABASE AND EXPERT SYSTEMS APPLICATIONS, DEXA 2022, HELD IN VIENNA, AUSTRIA, IN AUGUST 2022: THE 6TH INTERNATIONAL WORKSHOP ON CYBER-SECURITY AND FUNCTIONAL SAFETY IN CYBER-PHYSICAL SYSTEMS (IWCF5 2022); 4TH INTERNATIONAL WORKSHOP ON MACHINE LEARNING AND KNOWLEDGE GRAPHS (MLKGRAPHS 2022); 2ND INTERNATIONAL WORKSHOP ON TIME ORDERED DATA (PROTIME2022); 2ND INTERNATIONAL WORKSHOP ON AI SYSTEM ENGINEERING: MATH, MODELLING AND SOFTWARE (AISYS2022); 1ST INTERNATIONAL WORKSHOP ON DISTRIBUTED LEDGERS AND RELATED TECHNOLOGIES (DLRT2022); 1ST INTERNATIONAL

WORKSHOP ON APPLIED RESEARCH, TECHNOLOGY TRANSFER AND KNOWLEDGE EXCHANGE IN SOFTWARE AND DATA SCIENCE (ARTE2022). THE 40 PAPERS WERE THOROUGHLY REVIEWED AND SELECTED FROM 62 SUBMISSIONS, AND DISCUSS A RANGE OF TOPICS INCLUDING: KNOWLEDGE DISCOVERY, BIOLOGICAL DATA, CYBER SECURITY, CYBER-PHYSICAL SYSTEM, MACHINE LEARNING, KNOWLEDGE GRAPHS, INFORMATION RETRIEVER, DATA BASE, AND ARTIFICIAL INTELLIGENCE.

EXPERT SYSTEMS IN ACCOUNTING ALEX EDWARDS 1989

PUBLIC HEALTH IN INDIA DIATHA KRISHNA SUNDAR 2015-06-05 DESPITE RAPID ADVANCES IN MODERN MEDICINE AND STATE-OF-THE-ART HEALTH CARE SERVICES IN THE PRIVATE SECTOR, PRIMARY HEALTH CARE IN INDIA REMAINS INACCESSIBLE TO A MAJORITY OF THE POPULATION. BESIDES, EVEN POLICYMAKERS OFTEN DO NOT HAVE ACCESS TO REAL-TIME DATA TO FINE-TUNE THEIR POLICIES OR DESIGN APPROPRIATE RESEARCH AND INTERVENTION PROGRAMMES. DRAWING ON FIELD EXPERIENCES, THIS VOLUME BRINGS TOGETHER SCHOLARS AND PRACTITIONERS TO EXAMINE PUBLIC HEALTH FROM DIFFERENT PERSPECTIVES. IT DISCUSSES PRACTICAL AND APPLIED ISSUES RELATED TO THE HEALTH SECTOR, ESPECIALLY THE ROLE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT); PARTICIPATION OF CIVIL SOCIETY; SERVICE DELIVERY; QUALITY EVALUATION; CONSUMER EMPOWERMENT; DATA MANAGEMENT; AND RESEARCH AND INTERVENTION. THIS BOOK WILL BE USEFUL TO SCHOLARS, STUDENTS AND PRACTITIONERS OF PUBLIC HEALTH IN DEVELOPING COUNTRIES SUCH AS INDIA. IT WILL ALSO INTEREST POLICYMAKERS, HEALTH CARE PROFESSIONALS, AND DEPARTMENTS OF PUBLIC HEALTH MANAGEMENT AND THOSE CONCERNED WITH COMMUNITY MEDICINE.

DATABASE AND EXPERT SYSTEMS APPLICATIONS KIM V. ANDERSEN 2005-09-14 DEXA 2005, THE 16TH INTERNATIONAL CONFERENCE ON DATABASE AND EXPERT SYSTEMS APPLICATIONS, WAS HELD AT THE COPENHAGEN BUSINESS SCHOOL, COPENHAGEN, DENMARK, FROM AUGUST 22 TO 26, 2005. THE SUCCESS OF THE DEXA SERIES HAS PARTLY BEEN DUE TO THE WAY IN WHICH IT HAS KEPT AHEAD OF RECENT DEVELOPMENTS BY SPAWNING SPECIALIZED WORKSHOPS AND CONFERENCES EACH WITH ITS OWN PROCEEDINGS. IN 2005 THE DEXA PROGRAMME WAS CO-LOCATED WITH THE 7TH INTERNATIONAL CONFERENCE ON DATA WAREHOUSING AND KNOWLEDGE DISCOVERY [DAWAK 2005], THE 6TH INTERNATIONAL CONFERENCE ON ELECTRONIC COMMERCE AND WEB TECHNOLOGIES [EC-Web 2005], THE 4TH INTERNATIONAL CONFERENCE ON ELECTRONIC GOVERNMENT [EGOV 2005], THE 2ND INTERNATIONAL CONFERENCE ON TRUST, PRIVACY, AND SECURITY IN DIGITAL BUSINESS [TrustBus 2005], THE 2ND INTERNATIONAL CONFERENCE ON INDUSTRIAL APPLICATIONS OF HOLONIC AND MULTI-AGENT SYSTEMS [HoloMAS 2005], AS WELL AS 19 SPECIALIZED WORKSHOPS. THESE PROCEEDINGS ARE THE RESULT OF A CONSIDERABLE AMOUNT OF HARD WORK. BEGINNING WITH THE PREPARATION OF SUBMITTED PAPERS, THE PAPERS WENT THROUGH THE REVIEWING PROCESS. THIS PROCESS WAS SUPPORTED BY ONLINE DISCUSSION BETWEEN THE REVIEWERS TO DETERMINE THE FINAL CONFERENCE PROGRAM. THE AUTHORS OF ACCEPTED PAPERS REVISED THEIR MANUSCRIPTS TO PRODUCE THIS FINE COLLECTION. DEXA 2005 RECEIVED 390 SUBMISSIONS, AND FROM THOSE THE PROGRAM COMMITTEE SELECTED THE 92 PAPERS IN THESE PROCEEDINGS. THIS YEAR THE REVIEWING PROCESS GENERATED MORE THAN 1000 REFEREE REPORTS. THE HARD WORK OF THE AUTHORS, THE REFEREES AND THE PROGRAM COMMITTEE IS GRATEFULLY ACKNOWLEDGED.

DATABASE AND EXPERT SYSTEMS APPLICATIONS GABRIELE ANDERST-KOTSIS 2019-08-19 THIS VOLUME CONSTITUTES THE REFEREED PROCEEDINGS OF THE FOUR WORKSHOPS HELD AT THE 30TH INTERNATIONAL CONFERENCE ON DATABASE AND EXPERT SYSTEMS APPLICATIONS, DEXA 2019, HELD IN LINZ, AUSTRIA, IN AUGUST 2019: THE 10TH INTERNATIONAL WORKSHOP ON BIOLOGICAL KNOWLEDGE DISCOVERY FROM DATA, BIODDD 2019, THE 3RD INTERNATIONAL WORKSHOP ON CYBER-SECURITY AND FUNCTIONAL SAFETY IN CYBER-PHYSICAL SYSTEMS, IWCFSS 2019, THE 1ST INTERNATIONAL WORKSHOP ON MACHINE LEARNING AND KNOWLEDGE GRAPHS, MLKGRAPHS 2019, AND THE 16TH INTERNATIONAL WORKSHOP ON TECHNOLOGIES FOR INFORMATION RETRIEVAL, TIR 2019. THE 26 SELECTED PAPERS DISCUSS A RANGE OF TOPICS INCLUDING: KNOWLEDGE DISCOVERY, BIOLOGICAL DATA, CYBER SECURITY, CYBER-PHYSICAL SYSTEM, MACHINE LEARNING, KNOWLEDGE GRAPHS, INFORMATION RETRIEVER, DATA BASE, AND ARTIFICIAL INTELLIGENT. DATABASE AND EXPERT SYSTEMS APPLICATIONS MOURAD ELLLOUMI 2018-08-06 THIS VOLUME CONSTITUTES THE REFEREED PROCEEDINGS OF THE THREE WORKSHOPS HELD AT THE 29TH INTERNATIONAL CONFERENCE ON DATABASE AND EXPERT SYSTEMS APPLICATIONS, DEXA 2018, HELD IN REGENSBURG, GERMANY, IN SEPTEMBER 2018: THE THIRD INTERNATIONAL WORKSHOP ON BIG DATA MANAGEMENT IN CLOUD SYSTEMS, BMDCS 2018, THE 9TH INTERNATIONAL WORKSHOP ON BIOLOGICAL KNOWLEDGE DISCOVERY FROM DATA, BIODDD, AND THE 15TH INTERNATIONAL WORKSHOP ON TECHNOLOGIES FOR INFORMATION RETRIEVAL, TIR. THE 25 REVISED FULL PAPERS WERE CAREFULLY REVIEWED AND SELECTED FROM 33 SUBMISSIONS. THE PAPERS DISCUSS A RANGE OF TOPICS INCLUDING: PARALLEL DATA MANAGEMENT SYSTEMS, CONSISTENCY AND PRIVACY CLOUD COMPUTING AND GRAPH QUERIES, WEB AND DOMAIN CORPORA, NLP APPLICATIONS, SOCIAL MEDIA AND PERSONALIZATION

TIME SERIES CLUSTERING AND CLASSIFICATION ELIZABETH ANN MAHARAJ 2019-03-19 THE BEGINNING OF THE AGE OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING HAS CREATED NEW CHALLENGES AND OPPORTUNITIES FOR DATA ANALYSTS, STATISTICIANS, MATHEMATICIANS, ECONOMETRICIANS, COMPUTER SCIENTISTS AND MANY OTHERS. AT THE ROOT OF THESE TECHNIQUES ARE ALGORITHMS AND METHODS FOR CLUSTERING AND CLASSIFYING DIFFERENT TYPES OF LARGE DATASETS, INCLUDING TIME SERIES DATA. TIME SERIES CLUSTERING AND CLASSIFICATION INCLUDES RELEVANT DEVELOPMENTS ON OBSERVATION-BASED, FEATURE-BASED AND MODEL-BASED TRADITIONAL AND FUZZY CLUSTERING METHODS, FEATURE-BASED AND MODEL-BASED CLASSIFICATION METHODS, AND MACHINE LEARNING METHODS. IT PRESENTS A BROAD AND SELF-CONTAINED OVERVIEW OF TECHNIQUES FOR BOTH RESEARCHERS AND STUDENTS. FEATURES PROVIDES AN OVERVIEW OF THE METHODS AND APPLICATIONS OF PATTERN RECOGNITION OF TIME SERIES COVERS A WIDE RANGE OF TECHNIQUES, INCLUDING UNSUPERVISED AND SUPERVISED APPROACHES INCLUDES A RANGE OF REAL EXAMPLES FROM MEDICINE, FINANCE, ENVIRONMENTAL SCIENCE, AND MORE R AND MATLAB CODE, AND RELEVANT DATA SETS ARE AVAILABLE ON A SUPPLEMENTARY WEBSITE

EXPERT SYSTEMS FOR HUMAN, MATERIALS AND AUTOMATION PETRIC Vizureanu 2011-10-10 THE ABILITY TO CREATE INTELLIGENT MACHINES HAS TRIGGERED HUMANS SINCE ANCIENT TIMES, AND TODAY WITH THE ADVENT OF THE COMPUTER AND 50 YEARS OF RESEARCH INTO AI PROGRAMMING TECHNIQUES, THE DREAM OF SMART MACHINES IS BECOMING A REALITY. THE CONCEPT OF HUMAN-COMPUTER INTERFACES HAS BEEN UNDERGOING CHANGES OVER THE YEARS. IN CARRYING OUT THE MOST IMPORTANT TASKS IS THE LACK OF FORMALIZED APPLICATION METHODS, MATHEMATICAL MODELS AND ADVANCED COMPUTER SUPPORT. THE EVOLUTION OF BIOLOGICAL SYSTEMS TO ADAPT TO THEIR ENVIRONMENT HAS FASCINATED AND CHALLENGED SCIENTISTS TO INCREASE THEIR LEVEL OF UNDERSTANDING OF THE FUNCTIONAL CHARACTERISTICS OF SUCH SYSTEMS. THIS BOOK HAS 19 CHAPTERS AND EXPLAIN THAT THE EXPERT SYSTEMS ARE PRODUCTS OF THE ARTIFICIAL INTELLIGENCE, BRANCH OF COMPUTER SCIENCE THAT SEEKS TO DEVELOP INTELLIGENT PROGRAMS FOR HUMAN, MATERIALS AND AUTOMATION.

INTERVAL NEUTROSOPHIC SETS AND THEIR APPLICATION IN MULTICRITERIA DECISION MAKING PROBLEMS HONG-YU ZHANG AS A GENERALIZATION OF FUZZY SETS AND INTUITIONISTIC FUZZY SETS, NEUTROSOPHIC SETS HAVE BEEN DEVELOPED TO REPRESENT UNCERTAIN, IMPRECISE, INCOMPLETE, AND INCONSISTENT INFORMATION EXISTING IN THE REAL WORLD.

ENCYCLOPEDIA OF INFORMATION SCIENCE AND TECHNOLOGY, FIFTH EDITION KHOSROW-POUR D.B.A., MEHDI 2020-07-24 THE RISE OF INTELLIGENCE AND COMPUTATION WITHIN TECHNOLOGY HAS CREATED AN ERUPTION OF POTENTIAL APPLICATIONS IN NUMEROUS PROFESSIONAL INDUSTRIES. TECHNIQUES SUCH AS DATA ANALYSIS, CLOUD COMPUTING, MACHINE LEARNING, AND OTHERS HAVE ALTERED THE TRADITIONAL PROCESSES OF VARIOUS DISCIPLINES INCLUDING HEALTHCARE, ECONOMICS, TRANSPORTATION, AND POLITICS. INFORMATION TECHNOLOGY IN TODAY'S WORLD IS BEGINNING TO UNCOVER OPPORTUNITIES FOR EXPERTS IN THESE FIELDS THAT THEY ARE NOT YET AWARE OF. THE EXPOSURE OF SPECIFIC INSTANCES IN WHICH THESE DEVICES ARE BEING IMPLEMENTED WILL ASSIST OTHER SPECIALISTS IN HOW TO SUCCESSFULLY UTILIZE THESE TRANSFORMATIVE TOOLS WITH THE APPROPRIATE AMOUNT OF DISCRETION, SAFETY, AND AWARENESS. CONSIDERING THE LEVEL OF DIVERSE USES AND PRACTICES THROUGHOUT THE GLOBE, THE FIFTH EDITION OF THE ENCYCLOPEDIA OF INFORMATION SCIENCE AND TECHNOLOGY SERIES CONTINUES THE ENDURING LEGACY SET FORTH BY ITS PREDECESSORS AS A PREMIER REFERENCE THAT CONTRIBUTES THE MOST CUTTING-EDGE CONCEPTS AND METHODOLOGIES TO THE RESEARCH COMMUNITY. THE ENCYCLOPEDIA OF INFORMATION SCIENCE AND TECHNOLOGY, FIFTH EDITION IS A THREE-VOLUME SET THAT INCLUDES 136 ORIGINAL AND PREVIOUSLY UNPUBLISHED RESEARCH CHAPTERS THAT PRESENT MULTIDISCIPLINARY RESEARCH AND EXPERT INSIGHTS INTO NEW METHODS AND PROCESSES FOR UNDERSTANDING MODERN TECHNOLOGICAL TOOLS AND THEIR APPLICATIONS AS WELL AS EMERGING THEORIES AND ETHICAL CONTROVERSIES SURROUNDING THE FIELD OF INFORMATION SCIENCE. HIGHLIGHTING A WIDE RANGE OF TOPICS SUCH AS NATURAL LANGUAGE PROCESSING, DECISION SUPPORT SYSTEMS, AND ELECTRONIC GOVERNMENT, THIS BOOK OFFERS STRATEGIES FOR IMPLEMENTING SMART DEVICES AND ANALYTICS INTO VARIOUS PROFESSIONAL DISCIPLINES. THE TECHNIQUES DISCUSSED IN THIS PUBLICATION ARE IDEAL FOR IT PROFESSIONALS, DEVELOPERS, COMPUTER SCIENTISTS, PRACTITIONERS, MANAGERS, POLICYMAKERS, ENGINEERS, DATA ANALYSTS, AND PROGRAMMERS SEEKING TO UNDERSTAND THE LATEST DEVELOPMENTS WITHIN THIS FIELD AND WHO ARE LOOKING TO APPLY NEW TOOLS AND POLICIES IN THEIR PRACTICE. ADDITIONALLY, ACADEMICIANS, RESEARCHERS, AND STUDENTS IN FIELDS THAT INCLUDE BUT ARE NOT LIMITED TO SOFTWARE ENGINEERING, CYBERSECURITY, INFORMATION TECHNOLOGY, MEDIA AND COMMUNICATIONS, URBAN PLANNING, COMPUTER SCIENCE, HEALTHCARE, ECONOMICS, ENVIRONMENTAL SCIENCE, DATA MANAGEMENT, AND POLITICAL SCIENCE WILL BENEFIT FROM THE EXTENSIVE KNOWLEDGE COMPILED WITHIN THIS PUBLICATION.

PRACTICAL INFORMATION SECURITY IZZAT ALSMADI 2018-01-30 THIS TEXTBOOK PRESENTS A PRACTICAL INTRODUCTION TO INFORMATION SECURITY USING THE COMPETENCY BASED EDUCATION (CBE) METHOD OF TEACHING. THE CONTENT AND ANCILLARY ASSESSMENT METHODS EXPLICITLY MEASURE STUDENT PROGRESS IN THE THREE CORE CATEGORIES: KNOWLEDGE, SKILLS, AND EXPERIENCE, GIVING STUDENTS A BALANCE BETWEEN BACKGROUND KNOWLEDGE, CONTEXT, AND SKILLS THEY CAN PUT TO WORK. STUDENTS WILL LEARN BOTH THE FOUNDATIONS AND APPLICATIONS OF INFORMATION SYSTEMS SECURITY; SAFEGUARDING FROM MALICIOUS ATTACKS, THREATS, AND VULNERABILITIES; AUDITING, TESTING, AND MONITORING; RISK, RESPONSE, AND RECOVERY; NETWORKS AND TELECOMMUNICATIONS SECURITY; SOURCE CODE SECURITY; INFORMATION SECURITY STANDARDS; AND COMPLIANCE LAWS. THE BOOK CAN BE USED IN INTRODUCTORY COURSES IN SECURITY (INFORMATION, CYBER, NETWORK OR COMPUTER SECURITY), INCLUDING CLASSES THAT DON'T SPECIFICALLY USE THE CBE METHOD, AS INSTRUCTORS CAN ADJUST METHODS AND ANCILLARIES BASED ON THEIR OWN PREFERENCES. THE BOOK CONTENT IS ALSO ALIGNED WITH THE CYBERSECURITY COMPETENCY MODEL, PROPOSED BY DEPARTMENT OF HOMELAND SECURITY. THE AUTHOR IS AN ACTIVE MEMBER OF THE NATIONAL INITIATIVE FOR CYBERSECURITY EDUCATION (NICE), WHICH IS LED BY THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST). NICE IS A PARTNERSHIP BETWEEN GOVERNMENT, ACADEMIA, AND THE PRIVATE SECTOR FOCUSED ON CYBERSECURITY EDUCATION, TRAINING, AND WORKFORCE DEVELOPMENT.

DATABASE AND EXPERT SYSTEMS APPLICATIONS PABLO GARCÍA BRINGAS 2010-08-13 ST WE WELCOME YOU TO THE PROCEEDINGS OF THE 21 INTERNATIONAL CONFERENCE ON DATABASE AND EXPERT SYSTEMS APPLICATIONS HELD IN BILBAO. WITH INFORMATION AND DATABASES BEING A CENTRAL TOPIC OF COMPUTER SCIENCE, IT WAS TO BE EXPECTED THAT THE INTEGRATION OF KNOWLEDGE, INFORMATION AND DATA IS TODAY CONTRIBUTING TO THE AGAIN RAPIDLY INCREASING ATTRACTIVENESS OF THIS FIELD FOR RESEARCHERS AND PRACTITIONERS. SINCE ITS FOUNDATION IN 1990, DEXA HAS BEEN AN ANNUAL INTERNATIONAL CONFERENCE, LOCATED IN EUROPE, WHICH SHOWCASES STATE-OF-THE-ART RESEARCH ACTIVITIES IN THESE AREAS. DEXA 2010 CONTINUED THIS TRADITION AND PROVIDED A FORUM FOR PRESENTING AND DISCUSSING RESEARCH RESULTS IN THE AREA OF DATABASE AND INTELLIGENT SYSTEMS AND ADVANCED SEARCH TOPICS, APPLICATIONS AND PRACTICALLY RELEVANT ISSUES RELATED TO THESE AREAS. IT OFFERED ATTENDEES THE OPPORTUNITY TO EXTENSIVELY DISCUSS REQUIREMENTS, PROBLEMS, AND SOLUTIONS IN THE FIELD IN THE PLEASANT ATMOSPHERE OF THE CITY OF BILBAO, WHICH IS KNOWN FOR ITS DRIVING INDUSTRIOSNESS, ITS TOP CULTURAL VENUES AND ITS RICH AND INSPIRING HERITAGE

AND LIFESTYLE. THE UNIVERSITY OF DEUSTO WITH ITS GREAT EDUCATIONAL AND RESEARCH TRADITIONS, AND THE HOSPITALITY WHICH THE UNIVERSITY AND THE CITY ARE SO FAMOUS FOR, SET THE STAGE FOR THIS YEAR'S DEXA CONFERENCE. THIS VOLUME CONTAINS THE PAPERS SELECTED FOR PRESENTATION AT THE DEXA CONFERENCE.

SUSTAINABLE MATERIAL FORMING AND JOINING R.GANESH NARAYANAN 2019-02-06 THE MAIN OBJECTIVE OF THE BOOK IS TO EXPOSE READERS TO THE BASICS OF SUSTAINABLE MATERIAL FORMING AND JOINING TECHNOLOGIES, AND TO DISCUSS THE RELATIONSHIP BETWEEN CONVENTIONAL AND SUSTAINABLE PROCESSES. IT ALSO PROVIDES CASE STUDIES FOR SUSTAINABLE ISSUES IN MATERIAL FORMING AND JOINING PROCESSES, WORKOUTS FOR CONVERTING CONVENTIONAL PROCESSES TO GREEN PROCESSES, AND HIGHLIGHTS THE IMPORTANCE OF AWARENESS ON SUSTAINABLE AND GREEN MANUFACTURING THROUGH EDUCATION. THE BOOK WILL INCLUDE GREEN AND SUSTAINABILITY CONCEPTS IN MATERIAL FORMING LIKE BULK FORMING AND SHEET FORMING EMPHASIZING HOT FORMING, MATERIALS DEVELOPMENT, LUBRICATION, AND MINIMIZING DEFECTS. KEY FEATURES CONCEPTUALIZES GREEN AND SUSTAINABILITY ISSUES TOWARDS EFFICIENT MATERIALS DEVELOPMENT AND JOINING TECHNOLOGIES, AND DISCUSSES THE RELATIONSHIP BETWEEN CONVENTIONAL AND SUSTAINABLE PROCESSES. IT ALSO PROVIDES CASE STUDIES FOR SUSTAINABLE ISSUES IN MATERIAL FORMING AND JOINING PROCESSES, WORKOUTS FOR CONVERTING CONVENTIONAL PROCESSES TO GREEN PROCESSES, AND HIGHLIGHTS THE IMPORTANCE OF AWARENESS ON SUSTAINABLE AND GREEN MANUFACTURING THROUGH EDUCATION. THE BOOK WILL INCLUDE GREEN AND SUSTAINABILITY CONCEPTS IN MATERIAL FORMING LIKE BULK FORMING AND SHEET FORMING EMPHASIZING HOT FORMING, MATERIALS DEVELOPMENT, LUBRICATION, AND MINIMIZING DEFECTS

FUZZY EXPERT SYSTEMS FOR DISEASE DIAGNOSIS KUMAR, A.V. SENTHIL 2014-11-30 THE DEVELOPMENT OF FUZZY EXPERT SYSTEMS HAS PROVIDED NEW OPPORTUNITIES FOR PROBLEM SOLVING AMIDST UNCERTAINTIES. THE MEDICAL FIELD, IN PARTICULAR, HAS BENEFITED TREMENDOUSLY FROM ADVANCING FUZZY SYSTEM TECHNOLOGIES. FUZZY EXPERT SYSTEMS FOR DISEASE DIAGNOSIS HIGHLIGHTS THE LATEST RESEARCH AND DEVELOPMENTS IN FUZZY RULE-BASED METHODS USED IN THE DETECTION OF MEDICAL COMPLICATIONS AND ILLNESS. OFFERING EMERGING SOLUTIONS AND PRACTICAL APPLICATIONS, THIS TIMELY PUBLICATION IS DESIGNED FOR USE BY RESEARCHERS, ACADEMICIANS, AND STUDENTS, AS WELL AS PRACTITIONERS IN THE MEDICAL FIELD.

ENTERPRISE INFORMATION SYSTEMS AND ADVANCING BUSINESS SOLUTIONS: EMERGING MODELS TAVANA, MADJID 2012-06-30 "THIS BOOK IS TO PROVIDE COMPREHENSIVE COVERAGE AND UNDERSTANDING OF VARIOUS ENTERPRISE INFORMATION SYSTEMS (EIS) SUCH AS ENTERPRISE RESOURCE PLANNING (ERP) AND ELECTRONIC COMMERCE (EC) AND THEIR IMPLICATIONS ON SUPPLY CHAIN MANAGEMENT AND ORGANIZATIONAL COMPETITIVENESS"--PROVIDED BY PUBLISHER.

SOURAV S. BHOWMICK 2009-08-17 THE ANNUAL INTERNATIONAL CONFERENCE ON DATABASE AND EXPERT SYSTEMS APPLICATIONS (DEXA) IS NOW WELL ESTABLISHED AS A REFERENCE SCIENTIFIC EVENT. THE READER WILL FIND IN THIS VOLUME A COLLECTION OF SCIENTIFIC PAPERS THAT REPRESENT THE STATE OF THE ART OF RESEARCH IN THE DOMAIN OF DATA, INFORMATION AND KNOWLEDGE MANAGEMENT, INTELLIGENT SYSTEMS, AND THEIR APPLICATIONS. THE 20TH EDITION OF THE SERIES OF DEXA CONFERENCES WAS HELD AT THE JOHANNES - PLER UNIVERSITY OF LINZ, FROM AUGUST 31 TO SEPTEMBER 4, 2009. SEVERAL COLLOCATED CONFERENCES AND WORKSHOPS COVERED SPECIALIZED AND COMPLEMENTARY TOPICS TO THE MAIN CONFERENCE TOPIC. SEVEN CONFERENCES---THE 11TH INTERNATIONAL CONFERENCE ON DATA WAREHOUSING AND KNOWLEDGE DISCOVERY (DAWAK), THE 10TH INTERNATIONAL CONFERENCE ON ELECTRONIC COMMERCE AND WEB TECHNOLOGIES (EC-Web), THE 8TH INTERNATIONAL CONFERENCE ON ELECTRONIC GOVERNMENT (EGOV), THE 6TH INTERNATIONAL CONFERENCE ON TRUST, PRIVACY, AND SECURITY IN DIGITAL BUSINESS (Trust-Bus), THE 4TH INTERNATIONAL CONFERENCE ON INDUSTRIAL APPLICATIONS OF HOLONIC AND MULTI-AGENT SYSTEMS (HoloMAS 2009), THE 2ND INTERNATIONAL CONFERENCE ON ePARTICIPATION (ePART), AND THE SECOND INTERNATIONAL CONFERENCE ON DATA MANAGEMENT IN GRID AND P2P SYSTEMS (GLOBE)---AND 14 WORKSHOPS ARE COLLOCATED WITH DEXA. THESE EVENTS FORMED A UNIQUE INTERNATIONAL FORUM WITH A BALANCED DEPTH AND BREADTH OF TOPICS. ITS MUCH APPRECIATED CONVIVIALITY FOSTERED UNMATCHED OPPORTUNITIES TO MEET, SHARE THE LATEST SCIENTIFIC RESULTS AND DISCUSS THE LATEST TECHNOLOGICAL ADVANCES IN THE AREA OF INFORMATION TECHNOLOGIES WITH BOTH YOUNG SCIENTISTS AND ENGINEERS AND SENIOR WORLD-RENOWN EXPERTS. THIS VOLUME CONTAINS THE PAPERS SELECTED FOR PRESENTATION AT THE DEXA CONFERENCE.

ARTIFICIAL INTELLIGENCE IN ASSET MANAGEMENT SHIKHA M. BARTRAM 2020-08-28 ARTIFICIAL INTELLIGENCE (AI) HAS GROWN IN PRESENCE IN ASSET MANAGEMENT AND HAS REVOLUTIONIZED THE SECTOR IN MANY WAYS. IT HAS IMPROVED PORTFOLIO MANAGEMENT, TRADING, AND RISK MANAGEMENT PRACTICES BY INCREASING EFFICIENCY, ACCURACY, AND COMPLIANCE. IN PARTICULAR, AI TECHNIQUES HELP CONSTRUCT PORTFOLIOS BASED ON MORE ACCURATE RISK AND RETURN FORECASTS AND MORE COMPLEX CONSTRAINTS. TRADING ALGORITHMS USE AI TO DEVISE NOVEL TRADING SIGNALS AND EXECUTE TRADES WITH LOWER TRANSACTION COSTS. AI ALSO IMPROVES RISK MODELING AND FORECASTING BY GENERATING INSIGHTS FROM NEW DATA SOURCES. FINALLY, ROBO-ADVISORS OWE A LARGE PART OF THEIR SUCCESS TO AI TECHNIQUES. YET THE USE OF AI CAN ALSO CREATE NEW RISKS AND CHALLENGES, SUCH AS THOSE RESULTING FROM MODEL OPACITY, COMPLEXITY, AND RELIANCE ON DATA INTEGRITY.

DJAMAL BENSLIMANE 2017-08-11 THIS TWO VOLUME SET LNCS 10438 AND LNCS 10439 CONSTITUTES THE REFEREED PROCEEDINGS OF THE 28TH INTERNATIONAL CONFERENCE ON DATABASE AND EXPERT SYSTEMS APPLICATIONS, DEXA 2017, HELD IN LYON, FRANCE, AUGUST 2017. THE 37 REVISED FULL PAPERS PRESENTED TOGETHER WITH 40 SHORT PAPERS WERE CAREFULLY REVIEWED AND SELECTED FROM 166 SUBMISSIONS. THE PAPERS DISCUSS A RANGE OF TOPICS INCLUDING: SEMANTIC WEB AND SEMANTICS; GRAPH MATCHING; DATA MODELING, DATA ABSTRACTION, AND UNCERTAINTY; PREFERENCES AND QUERY OPTIMIZATION; DATA INTEGRATION AND RDF MATCHING; SECURITY AND PRIVACY; WEB SEARCH; DATA CLUSTERING; TOP-K AND SKYLINE QUERIES; DATA MINING AND BIG DATA; SERVICE COMPUTING; CONTINUOUS AND TEMPORAL DATA, AND CONTINUOUS QUERY LANGUAGE; TEXT PROCESSING AND SEMANTIC SEARCH; INDEXING AND CONCURRENCY CONTROL METHODS; DATA WAREHOUSE AND DATA STREAM WAREHOUSE; DATA MINING AND MACHINE LEARNING; RECOMMENDER SYSTEMS AND QUERY RECOMMENDATION; GRAPH ALGORITHMS; SEMANTIC CLUSTERING AND DATA CLASSIFICATION.

GLOBAL BUSINESS: CONCEPTS, METHODOLOGIES, TOOLS AND APPLICATIONS MANAGEMENT ASSOCIATION, INFORMATION RESOURCES 2011-05-31 "THIS MULTI-VOLUME REFERENCE EXAMINES CRITICAL ISSUES AND EMERGING TRENDS IN GLOBAL BUSINESS, WITH TOPICS RANGING FROM MANAGING NEW INFORMATION TECHNOLOGY IN GLOBAL BUSINESS OPERATIONS TO ETHICS AND COMMUNICATION STRATEGIES"--PROVIDED BY PUBLISHER.

A GENERIC HYPER HEURISTIC MODEL USING BIO INSPIRATION FOR SOLVING COMBINATORIAL OPTIMIZATION PROBLEMS DR SANGEETHA INTERURBAN AND DIVYANNA SANGHVI

TECHNOLOGY AND WEB ENGINEERING (IJTWE).

KNOWLEDGE STRATEGIES FOR GLOBAL BUSINESS MANAGEMENT DR. M. GANESH BABU, DR. G. VANI, DR. N. PANCHANATHAM HANDBOOK OF RESEARCH ON APPLIED AI FOR INTERNATIONAL BUSINESS AND MARKETING APPLICATIONS CHRISTIANSEN, BRYAN 2020-09-25 ARTIFICIAL INTELLIGENCE (AI) DESCRIBES MACHINES/COMPUTERS THAT MIMIC COGNITIVE FUNCTIONS THAT HUMANS ASSOCIATE WITH OTHER HUMAN MINDS, SUCH AS LEARNING AND PROBLEM SOLVING. AS BUSINESSES HAVE EVOLVED TO INCLUDE MORE AUTOMATION OF PROCESSES, IT HAS BECOME MORE VITAL TO UNDERSTAND AI AND ITS VARIOUS APPLICATIONS. ADDITIONALLY, IT IS IMPORTANT FOR WORKERS IN THE MARKETING INDUSTRY TO UNDERSTAND HOW TO COINCIDE WITH AND UTILIZE THESE TECHNIQUES TO ENHANCE AND MAKE THEIR WORK MORE EFFICIENT. THE HANDBOOK OF RESEARCH ON APPLIED AI FOR INTERNATIONAL BUSINESS AND MARKETING APPLICATIONS IS A CRITICAL SCHOLARLY PUBLICATION THAT PROVIDES COMPREHENSIVE RESEARCH ON ARTIFICIAL INTELLIGENCE APPLICATIONS WITHIN THE CONTEXT OF INTERNATIONAL BUSINESS. HIGHLIGHTING A WIDE RANGE OF TOPICS SUCH AS DIVERSIFICATION, RISK MANAGEMENT, AND ARTIFICIAL INTELLIGENCE, THIS BOOK IS IDEAL FOR MARKETERS, BUSINESS PROFESSIONALS, ACADEMICIANS, PRACTITIONERS, RESEARCHERS, AND STUDENTS.

FUZZY EXPERT SYSTEMS AND APPLICATIONS IN AGRICULTURAL DIAGNOSIS A. V. SENTHIL KUMAR 2019 "THIS BOOK EXAMINES THE USE OF FUZZY EXPERT SYSTEMS IN THE AGRICULTURAL FIELD"--

GHAZI I. ALKHAṬIB 2015

RAJENDRA AKERKAR 2010-08-30 KNOWLEDGE BASED SYSTEMS (KBS) ARE SYSTEMS THAT USE ARTIFICIAL INTELLIGENCE TECHNIQUES IN THE PROBLEM SOLVING PROCESS. THIS TEXT IS DESIGNED TO DEVELOP AN APPRECIATION OF KBS AND THEIR ARCHITECTURE AND TO HELP USERS UNDERSTAND A BROAD VARIETY OF KNOWLEDGE BASED TECHNIQUES FOR DECISION SUPPORT AND PLANNING. IT ASSUMES BASIC COMPUTER SCIENCE SKILLS AND A MATH BACKGROUND THAT INCLUDES SET THEORY, RELATIONS, ELEMENTARY PROBABILITY, AND INTRODUCTORY CONCEPTS OF ARTIFICIAL INTELLIGENCE. EACH OF THE 12 CHAPTERS ARE DESIGNED TO BE MODULAR PROVIDING INSTRUCTORS WITH THE FLEXIBILITY TO MODEL THE BOOK TO THEIR OWN COURSE NEEDS. EXERCISES ARE INCORPORATED THROUGHOUT THE TEXT TO HIGHLIGHT CERTAIN ASPECTS OF THE MATERIAL BEING PRESENTED AND TO STIMULATE THOUGHT AND DISCUSSION.

FORMAL METHODS FOR COMPONENTS AND OBJECTS MARCELLO M. BONSAIGUE 2009-09-07 ALL MODERN INDUSTRIES RELY ON LARGE AND COMPLEX SOFTWARE SYSTEMS. IN ORDER TO CONSTRUCT SUCH LARGE SYSTEMS IN A SYSTEMATIC MANNER, THE FOCUS OF THE DEVELOPMENT METHODOLOGIES HAS SWITCHED IN THE LAST TWO DECADES FROM FUNCTIONAL TO STRUCTURAL ISSUES. FORMAL METHODS HAVE BEEN APPLIED SUCCESSFULLY TO THE VERIFICATION OF MEDIUM-SIZED PROGRAMS IN PROTOCOL AND HARDWARE DESIGN. HOWEVER, THEIR APPLICATION TO THE DEVELOPMENT OF LARGE SYSTEMS REQUIRES A GREATER EMPHASIS ON SPECIFICATION, MODELING, AND VALIDATION TECHNIQUES SUPPORTING THE CONCEPTS OF REUSABILITY AND MODIFIABILITY, AND THEIR IMPLEMENTATION IN NEW EXTENSIONS OF EXISTING PROGRAMMING LANGUAGES LIKE JAVA. THIS STATE-OF-THE-ART SURVEY PRESENTS THE OUTCOME OF THE 7TH SYMPOSIUM ON FORMAL METHODS FOR COMPONENTS AND OBJECTS, HELD IN SOPHIA ANTIPOLIS, FRANCE, IN OCTOBER 2008. THE VOLUME CONTAINS 14 REVISED CONTRIBUTIONS SUBMITTED AFTER THE SYMPOSIUM BY SPEAKERS FROM EACH OF THE FOLLOWING EUROPEAN IST PROJECTS: THE IST-FP7 PROJECT COMPAS ON COMPLIANCE-DRIVEN MODELS, LANGUAGES, AND ARCHITECTURES FOR SERVICES; THE IST-FP6 PROJECT CREDO ON MODELLING AND ANALYSIS OF EVOLUTIONARY STRUCTURES FOR DISTRIBUTED SERVICES; THE IST-FP7 DEPLOY ON INDUSTRIAL DEPLOYMENT OF ADVANCED SYSTEM ENGINEERING METHODS FOR HIGH PRODUCTIVITY AND DEPENDABILITY; THE IST-FP6 PROJECT GRIDCOMP ON GRID PROGRAMMING WITH COMPONENTS; AND THE IST-FP6 PROJECT MOBIUS AIMING AT DEVELOPING THE TECHNOLOGY FOR ESTABLISHING TRUST AND SECURITY FOR THE NEXT GENERATION OF GLOBAL COMPUTERS, USING THE PROOF CARRYING CODE PARADIGM.

NUTRITIONAL CARE OF THE PATIENT WITH GASTROINTESTINAL DISEASE ALAN L. BUCHMAN 2015-08-06 THIS EVIDENCE-BASED BOOK SERVES AS A CLINICAL MANUAL AS WELL AS A REFERENCE GUIDE FOR THE DIAGNOSIS AND MANAGEMENT OF COMMON NUTRITIONAL ISSUES IN RELATION TO GASTROINTESTINAL DISEASE. CHAPTERS COVER NUTRITION ASSESSMENT; MACRO- AND MICRONUTRIENT ABSORPTION; MALABSORPTION; FOOD ALLERGIES; PREBIOTICS AND DIETARY FIBER; PROBIOTICS AND INTESTINAL MICROFLORA; NUTRITION AND GI CANCER; NUTRITIONAL MANAGEMENT OF REFLUX; NUTRITION IN IBS AND IBD; NUTRITION IN ACUTE AND CHRONIC PANCREATITIS; ENTERAL NUTRITION; PARENTERAL NUTRITION; MEDICAL AND ENDOSCOPIC THERAPY OF OBESITY; SURGICAL THERAPY OF OBESITY; PHARMACOLOGIC NUTRITION, AND NUTRITIONAL COUNSELING.

DATABASE AND EXPERT SYSTEMS APPLICATIONS STEPHANE BRESSAN 2006-09-21 THIS BOOK CONSTITUTES THE REFEREED PROCEEDINGS OF THE 17TH INTERNATIONAL CONFERENCE ON DATABASE AND EXPERT SYSTEMS APPLICATIONS, DEXA 2006. THE BOOK PRESENTS 90 REVISED FULL PAPERS TOGETHER WITH 1 INVITED PAPER. THE PAPERS ARE ORGANIZED IN TOPICAL SECTIONS ON XML, DATA AND INFORMATION, DATA MINING AND DATA WAREHOUSES, DATABASE APPLICATIONS, WWW, BIOINFORMATICS, PROCESS AUTOMATION AND WORKFLOW, KNOWLEDGE MANAGEMENT AND EXPERT SYSTEMS, DATABASE THEORY, QUERY PROCESSING, AND PRIVACY AND SECURITY.