

Beginning Hybrid Le Application Development By Mahesh Panhale

AS RECOGNIZED, ADVENTURE AS SKILLFULLY AS EXPERIENCE APPROXIMATELY LESSON, AMUSEMENT, AS SKILLFULLY AS CONCORD CAN BE GOTTEN BY JUST CHECKING OUT A BOOK **BEGINNING HYBRID LE APPLICATION DEVELOPMENT BY MAHESH PANTHALE** NEXT IT IS NOT DIRECTLY DONE, YOU COULD ACKNOWLEDGE EVEN MORE ALMOST THIS LIFE, ON THE WORLD.

WE PAY FOR YOU THIS PROPER AS SKILLFULLY AS EASY ARTIFICE TO ACQUIRE THOSE ALL. WE PROVIDE BEGINNING HYBRID LE APPLICATION DEVELOPMENT BY MAHESH PANTHALE AND NUMEROUS BOOKS COLLECTIONS FROM FICTIONS TO SCIENTIFIC RESEARCH IN ANY WAY. IN THE MIDDLE OF THEM IS THIS BEGINNING HYBRID LE APPLICATION DEVELOPMENT BY MAHESH PANTHALE THAT CAN BE YOUR PARTNER.

MACHINE LEARNING METHODS FOR ENGINEERING APPLICATION DEVELOPMENT - PRASAD LOKULWAR 2022-11-11

THIS BOOK IS A QUICK REVIEW OF MACHINE LEARNING METHODS FOR ENGINEERING APPLICATIONS. IT PROVIDES AN INTRODUCTION TO THE PRINCIPLES OF MACHINE LEARNING AND COMMON ALGORITHMS IN THE FIRST SECTION. PROCEEDING CHAPTERS SUMMARIZE AND ANALYZE THE EXISTING SCHOLARLY WORK AND DISCUSS SOME GENERAL ISSUES IN THIS FIELD. NEXT, IT OFFERS SOME GUIDELINES ON APPLYING MACHINE LEARNING METHODS TO SOFTWARE ENGINEERING TASKS. FINALLY, IT GIVES AN OUTLOOK INTO SOME OF THE FUTURE DEVELOPMENTS AND POSSIBLY NEW RESEARCH AREAS OF MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE IN GENERAL. TECHNIQUES HIGHLIGHTED IN THE BOOK INCLUDE: BAYESIAN MODELS, SUPPORT VECTOR MACHINES, DECISION TREE INDUCTION, REGRESSION ANALYSIS, AND RECURRENT AND CONVOLUTIONAL NEURAL NETWORK. FINALLY, IT ALSO INTENDS TO BE A REFERENCE BOOK. KEY FEATURES: DESCRIBES REAL-WORLD PROBLEMS THAT CAN BE SOLVED USING MACHINE LEARNING. EXPLAINS METHODS FOR DIRECTLY APPLYING MACHINE LEARNING TECHNIQUES TO CONCRETE REAL-WORLD PROBLEMS. EXPLAINS CONCEPTS USED IN INDUSTRY 4.0 PLATFORMS, INCLUDING THE USE AND INTEGRATION OF AI, ML, BIG DATA, NLP, AND THE INTERNET OF THINGS (IoT). IT DOES NOT REQUIRE PRIOR KNOWLEDGE OF THE MACHINE LEARNING. THIS BOOK IS MEANT TO BE AN INTRODUCTION TO ARTIFICIAL INTELLIGENCE (AI), MACHINE LEARNING, AND ITS APPLICATIONS IN INDUSTRY 4.0. IT EXPLAINS THE BASIC MATHEMATICAL PRINCIPLES BUT IS INTENDED TO BE UNDERSTANDABLE FOR READERS WHO DO NOT HAVE A BACKGROUND IN ADVANCED MATHEMATICS.

MOBILE AND UBIQUITOUS INFORMATION ACCESS - FABIO CRESTANI 2004-02-18

THIS BOOK CONSTITUTES THE THOROUGHLY REFERENCED POST-PROCEEDINGS OF THE INTERNATIONAL WORKSHOP ON MOBILE AND UBIQUITOUS INFORMATION ACCESS HELD IN UDINE, ITALY IN SEPTEMBER 2003 DURING MOBILE HCI 2003. BESIDES SELECTED AND REVISED WORKSHOP PAPERS, SEVERAL PAPERS WERE SPECIALLY INVITED TO COMPLETE COVERAGE OF ALL RELEVANT ISSUES AND EXTEND THE VOLUME TO A MORE REPRESENTATIVE SURVEY OF THE STATE OF THE ART IN THE AREA. THE 21 ARTICLES IN THE BOOK ARE ORGANIZED IN TOPICAL SECTIONS ON - FOUNDATIONS: CONCEPTS, MODELS, AND PARADIGMS; - INTERACTIONS; - APPLICATIONS AND EXPERIMENTAL EVALUATIONS; - CONTEXT AND LOCATION.

HYBRID VEHICLES - BADIN FRANCOIS 2013-07-04

THE FAST GROWTH IN WORLD POPULATION AND THE ASSOCIATED ENERGY REQUIREMENTS, THE ANNOUNCED DEPLETION OF FOSSIL FUEL RESOURCES, THE CONTINUING RISE IN GREENHOUSE GAS (GHG) EMISSIONS WITH THE INDUCED CLIMATIC CHANGES REPRESENT SOME OF THE MAJOR CHALLENGES TO BE TAKEN UP IN THE COMING YEARS AND DECADES. HYBRIDIZATION THEREFORE TYPICALLY REPRESENTS A TRANSITION TECHNOLOGY WHICH CAN SIGNIFICANTLY IMPROVE THE ENERGY AND ENVIRONMENTAL PERFORMANCE OF CURRENT VEHICLES, WITHOUT RADICALLY CHANGING THEIR USE TYPOLOGIES, WHILE OPENING THE WAY TO NEW PROPULSION MODES FOR THE LONGER TERM. IT IS NEVERTHELESS A COMPLEX SUBJECT REQUIRING A MULTIDISCIPLINARY APPROACH. THIS BOOK, WHICH IS INTENDED TO BE EXHAUSTIVE, CONSIDERS THE VEHICLE, ITS COMPONENTS, THEIR ASSOCIATION AND THEIR CONTROL, AS WELL AS THE GLOBAL BALANCES DETERMINED OVER THE VEHICLE LIFETIME. IT STARTS WITH A GENERAL PRESENTATION OF THE VARIOUS CONDITIONS OF USE OF VEHICLES, TO GIVE READERS AN UNDERSTANDING OF THE STAKES RELATED TO THE DEVELOPMENT OF HYBRID VEHICLES AND THE METHODS USED TO COMPARE THE PERFORMANCE OF THE VARIOUS SOLUTIONS. THE PRINCIPLES AND THE VARIOUS TYPES OF INTERNAL COMBUSTION ENGINE AND ELECTRICAL DRIVES, ONBOARD ENERGY STORAGE SYSTEMS, PRINCIPLES, ARCHITECTURES, SPECIFIC COMPONENTS AND OPERATION OF HYBRID DRIVETRAINS, AS WELL AS THE ENERGY MANAGEMENT IN THESE VEHICLES, ARE DEVELOPED. A GLOBAL ANALYSIS OF THE VARIOUS DRIVETRAINS LIFE CYCLE ASSESSMENT (LCA), TOTAL COSTS AND AVAILABILITY OF SENSITIVE MATERIALS IS ALSO PROVIDED. THIS BOOK IS INTENDED FOR EVERYONE INVOLVED IN THE DESIGN, MANUFACTURE AND IMPLEMENTATION OF HYBRID DRIVE VEHICLES AND THEIR COMPONENTS. IT WILL ALSO BE OF INTEREST TO STUDENTS, TEACHERS AND RESEARCHERS WISHING TO ACQUIRE OR FURTHER THEIR KNOWLEDGE IN ALL FIELDS IMPACTED BY DRIVETRAIN ELECTRIFICATION. MORE GLOBALLY, AFTER CONSULTING THIS BOOK, READERS WILL BE IN A POSITION TO EVALUATE THE TECHNOLOGIES RELATED TO THE CONCEPT OF DRIVETRAIN HYBRIDIZATION, THEIR IMPLEMENTATION, BALANCES AND GENERALIZATION CONDITIONS. THIS BOOK IS AVAILABLE IN FRENCH UNDER THE TITLE "VEHICULES HYBRIDES". CONTENTS : 1. VEHICLE USE. 2. INTERNAL COMBUSTION ENGINES. 3. ELECTRIC DRIVETRAIN. 4. ON-BOARD ENERGY STORAGE SYSTEMS. 5. HYBRIDIZATION. 6. CONTROL OF HYBRID VEHICLES. 7. COMPARATIVE STUDY OF HYBRID VEHICLES: GREENHOUSE GAS EMISSIONS, ENERGY CONSUMPTION, AND COST. APPENDICES.

THE PAST IS BUT PROLOGUE FOR THE FUTURE--OR IS IT? - JAMES B. KENDRICK 1986

SOVIET GENETICS - 1991

INFORMATION TECHNOLOGY AND COMPUTER APPLICATION ENGINEERING - HSIANG-CHUAN LIU 2013-10-11

THIS PROCEEDINGS VOLUME BRINGS TOGETHER SOME 189 PEER-REVIEWED PAPERS PRESENTED AT THE INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY AND COMPUTER APPLICATION ENGINEERING, HELD 27-28 AUGUST 2013, IN HONG KONG, CHINA. SPECIFIC TOPICS UNDER CONSIDERATION INCLUDE CONTROL, ROBOTICS, AND AUTOMATION, INFORMATION TECHNOLOGY, INTELLIGENT COMPUTING AND

HANDBOOK OF RESEARCH ON MOBILE DEVICES AND APPLICATIONS IN HIGHER EDUCATION SETTINGS - BRIZ-PONCE, LAURA 2016-07-13

MOBILE PHONES HAVE BECOME AN INTEGRAL PART OF SOCIETY, AS THEIR CONVENIENCE HAS HELPED DEMOCRATIZE AND REVOLUTIONIZE COMMUNICATION AND THE MARKETPLACE OF IDEAS. BECAUSE OF THEIR UBIQUITY IN HIGHER EDUCATION, UNDERGRADUATE CLASSROOMS HAVE BEGUN TO UTILIZE SMARTPHONES AND TABLETS AS TOOLS FOR LEARNING. THE HANDBOOK OF RESEARCH ON MOBILE DEVICES AND APPLICATIONS IN HIGHER EDUCATION SETTINGS EXPLORES AND FOSTERS NEW PERSPECTIVES ON THE USE OF MOBILE APPLICATIONS IN A CLASSROOM CONTEXT. THIS TIMELY PUBLICATION WILL DEMONSTRATE THE CHALLENGES THAT UNIVERSITIES FACE WHEN INTRODUCING NEW TECHNOLOGIES TO STUDENTS AND INSTRUCTORS, AS WELL AS THE REWARDS OF DOING SO IN A THOUGHTFUL MANNER. THIS BOOK IS MEANT TO PRESENT THE LATEST RESEARCH AND BECOME A SOURCE OF INSPIRATION FOR EDUCATORS, ADMINISTRATORS, RESEARCHERS, APP DEVELOPERS, AND STUDENTS OF EDUCATION AND TECHNOLOGY.

ENABLING AI APPLICATIONS IN DATA SCIENCE - ABUL-ELLA HASSANIEN 2020-09-23

THIS BOOK PROVIDES A DETAILED OVERVIEW OF THE LATEST DEVELOPMENTS AND APPLICATIONS IN THE FIELD OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE. AI APPLICATIONS HAVE ACHIEVED GREAT ACCURACY AND PERFORMANCE WITH THE HELP OF DEVELOPMENTS IN DATA PROCESSING AND STORAGE. IT HAS ALSO GAINED STRENGTH THROUGH THE AMOUNT AND QUALITY OF DATA WHICH IS THE MAIN NUCLEUS OF DATA SCIENCE. THIS BOOK AIMS TO PROVIDE THE LATEST RESEARCH FINDINGS IN THE FIELD OF ARTIFICIAL INTELLIGENCE WITH DATA SCIENCE.

THE BEGINNINGS OF ISLAMIC LAW - LENA SALAYMEH 2016-11-14

THIS IS A MAJOR AND INNOVATIVE CONTRIBUTION TO OUR UNDERSTANDING OF THE HISTORICAL UNFOLDING OF ISLAMIC LAW. SCRUTINIZING ITS HISTORICAL CONTEXTS, SALAYMEH PROPOSES THAT ISLAMIC LAW IS A CONTINUOUS INTERMINGLING OF INNOVATION AND TRADITION. THE BOOK'S INTERDISCIPLINARY APPROACH PROVIDES ACCESSIBLE EXPLANATIONS AND TRANSLATIONS OF COMPLEX MATERIALS AND IDEAS.

ELECTRONIC PRODUCTS MAGAZINE - 1985

APPROACHES AND APPLICATIONS OF DEEP LEARNING IN VIRTUAL MEDICAL CARE - ZAMAN, NOOR 2022-02-25

THE RECENT ADVANCEMENTS IN THE MACHINE LEARNING PARADIGM HAVE VARIOUS APPLICATIONS, SPECIFICALLY IN THE FIELD OF MEDICAL DATA ANALYSIS. RESEARCH HAS PROVEN THE HIGH ACCURACY OF DEEP LEARNING ALGORITHMS, AND THEY HAVE BECOME A STANDARD CHOICE FOR ANALYZING MEDICAL DATA, ESPECIALLY MEDICAL IMAGES, VIDEO, AND ELECTRONIC HEALTH RECORDS. DEEP LEARNING METHODS APPLIED TO ELECTRONIC HEALTH RECORDS ARE CONTRIBUTING TO UNDERSTANDING THE EVOLUTION OF CHRONIC DISEASES AND PREDICTING THE RISK OF DEVELOPING THOSE DISEASES. APPROACHES AND APPLICATIONS OF DEEP LEARNING IN VIRTUAL MEDICAL CARE CONSIDERS THE APPLICATIONS OF DEEP LEARNING IN VIRTUAL MEDICAL CARE AND DELVES INTO COMPLEX DEEP LEARNING ALGORITHMS, CALIBRATES MODELS, AND IMPROVES THE PREDICTIONS OF THE TRAINED MODEL ON MEDICAL IMAGING. COVERING TOPICS SUCH AS BIG DATA AND MEDICAL SENSORS, THIS CRITICAL REFERENCE SOURCE IS IDEAL FOR RESEARCHERS, ACADEMICIANS, PRACTITIONERS, INDUSTRY PROFESSIONALS, HOSPITAL WORKERS, SCHOLARS, INSTRUCTORS, AND STUDENTS.

SEMANTIC WEB SCIENCE AND REAL-WORLD APPLICATIONS - LYTRAS, MILTIADIS D. 2018-10-26

CONTINUAL ADVANCEMENTS IN WEB TECHNOLOGY HAVE HIGHLIGHTED THE NEED FOR FORMATTED SYSTEMS THAT COMPUTERS CAN UTILIZE TO EASILY READ AND SIFT THROUGH THE HUNDREDS OF THOUSANDS OF DATA POINTS ACROSS THE INTERNET. THEREFORE, HAVING THE MOST RELEVANT DATA IN THE LEAST AMOUNT OF TIME TO OPTIMIZE THE PRODUCTIVITY OF USERS BECOMES A PRIORITY. SEMANTIC WEB SCIENCE AND REAL-WORLD APPLICATIONS PROVIDES EMERGING RESEARCH EXPLORING THE THEORETICAL AND PRACTICAL ASPECTS OF SEMANTIC WEB SCIENCE AND REAL-WORLD APPLICATIONS WITHIN THE AREA OF BIG DATA. FEATURING COVERAGE ON A BROAD RANGE OF TOPICS SUCH AS ARTIFICIAL INTELLIGENCE, SOCIAL MEDIA MONITORING, AND MICROBLOGGING RECOMMENDATION SYSTEMS, THIS BOOK IS IDEALLY DESIGNED FOR IT CONSULTANTS, ACADEMICS, PROFESSIONALS, AND RESEARCHERS OF WEB SCIENCE SEEKING THE CURRENT DEVELOPMENTS, REQUIREMENTS AND STANDARDS, AND TECHNOLOGY SPACES PRESENTED ACROSS ACADEMIA AND INDUSTRIES.

DOCUMENTACION DE LA FAQ: 1995

INTELLIGENT HYBRID SYSTEMS - DA RUAN 1997-09-30

INTELLIGENT HYBRID SYSTEMS: FUZZY LOGIC, NEURAL NETWORKS, AND GENETIC ALGORITHMS IS AN ORGANIZED EDITED COLLECTION OF CONTRIBUTED CHAPTERS COVERING BASIC PRINCIPLES, METHODOLOGIES, AND APPLICATIONS OF FUZZY SYSTEMS, NEURAL NETWORKS AND GENETIC ALGORITHMS. ALL CHAPTERS ARE ORIGINAL CONTRIBUTIONS BY LEADING RESEARCHERS WRITTEN EXCLUSIVELY FOR THIS VOLUME. THIS BOOK REVIEWS IMPORTANT CONCEPTS AND MODELS, AND FOCUSES ON SPECIFIC METHODOLOGIES COMMON TO FUZZY SYSTEMS, NEURAL NETWORKS AND EVOLUTIONARY COMPUTATION. THE EMPHASIS IS ON DEVELOPMENT OF COOPERATIVE MODELS OF HYBRID SYSTEMS. INCLUDED ARE APPLICATIONS RELATED TO INTELLIGENT DATA ANALYSIS, PROCESS ANALYSIS, INTELLIGENT ADAPTIVE INFORMATION SYSTEMS, SYSTEMS IDENTIFICATION, NONLINEAR SYSTEMS, POWER AND WATER SYSTEM DESIGN, AND MANY OTHERS. INTELLIGENT HYBRID SYSTEMS: FUZZY LOGIC, NEURAL NETWORKS, AND GENETIC ALGORITHMS PROVIDES RESEARCHERS AND ENGINEERS WITH UP-TO-DATE COVERAGE OF NEW RESULTS, METHODOLOGIES AND APPLICATIONS FOR BUILDING INTELLIGENT SYSTEMS CAPABLE OF SOLVING LARGE-SCALE PROBLEMS.

HYBRID VEGETABLE DEVELOPMENT - PRAVEEN K SINGH 2005-06-10

GET ALL THE RESOURCE INFORMATION YOU NEED ON HYBRID VEGETABLE DEVELOPMENT—IN ONE BOOK! DISCOVER THE LATEST CONCEPTS IN BREEDING AND DEVELOPMENT OF HYBRID VEGETABLES WITH HYBRID VEGETABLE DEVELOPMENT. RESPECTED AUTHORITIES SHARE THEIR VIEWS ON THE MOST RECENT TRENDS AND THE TECHNIQUES USED FOR HYBRID VEGETABLE DEVELOPMENT IN VARIOUS VEGETABLE CROPS. THIS ONE BOOK COULD BECOME YOUR COMPREHENSIVE SOURCE FOR ALL ASPECTS OF BREEDING, DEVELOPMENT, AND SEED PRODUCTION. HYBRID VEGETABLE DEVELOPMENT PROVIDES A HUGE VOLUME OF BACKGROUND INFORMATION ON EIGHTEEN OF THE MOST IMPORTANT WORLD VEGETABLE CROPS, INCLUDING TOMATO, EGGPLANT, HOT PEPPER, BELL PEPPER, CABBAGE, BROCCOLI, CAULIFLOWER, ONION, GARDEN PEA, AND MELONS. PACKED WITH HELPFUL ILLUSTRATIONS, DIAGRAMS, AND TABLES, THIS BOOK GOES IN-DEPTH INTO HYBRID DEVELOPMENT MECHANISMS, CROP/FLOREAL BIOLOGY, POLLINATION CONTROL MECHANISMS GENETICS, BREEDING, AND THE EXPLOITATION OF HYBRID SEED PRODUCTION ON A COMMERCIAL SCALE. HYBRID VEGETABLE DEVELOPMENT COVERS: CROP BIOLOGY HETEROISIS POLLINATION CONTROL MECHANISMS HYBRID SEED PRODUCTION MAINTENANCE OF INBRED/PURE LINES SEED PRODUCTION OF MAJOR VEGETABLES DETAILED DESCRIPTIONS OF THE MECHANISMS IN HYBRID VEGETABLE DEVELOPMENT THE STATUS OF TRANSGENIC VEGETABLES HYBRID VEGETABLE DEVELOPMENT IS A VALUABLE, COMPREHENSIVE RESOURCE FOR AGRICULTURE INDUSTRY EXPERTS AND PROFESSIONALS, PROFESSORS, AND STUDENTS.

RATIONAL APPLICATION DEVELOPER V7 PROGRAMMING GUIDE - UELI WAHLI 2008-03-27

IBM® RATIONAL® APPLICATION DEVELOPER FOR WEBSPHERE® SOFTWARE V7.0 (FOR SHORT, RATIONAL APPLICATION DEVELOPER) IS THE FULL FUNCTION ECLIPSE 3.2 BASED DEVELOPMENT PLATFORM FOR DEVELOPING JAVA™ 2 PLATFORM STANDARD EDITION (J2SETM) AND JAVA 2 PLATFORM ENTERPRISE EDITION (J2EETM) APPLICATIONS WITH A FOCUS ON APPLICATIONS TO BE DEPLOYED TO IBM WEBSPHERE APPLICATION SERVER AND IBM WEBSPHERE PORTAL. RATIONAL APPLICATION DEVELOPER PROVIDES INTEGRATED DEVELOPMENT TOOLS FOR ALL DEVELOPMENT ROLES, INCLUDING WEB DEVELOPERS, JAVA DEVELOPERS, BUSINESS ANALYSTS, ARCHITECTS, AND ENTERPRISE PROGRAMMERS. RATIONAL APPLICATION DEVELOPER IS PART OF THE IBM RATIONAL SOFTWARE DELIVERY PLATFORM (SDP), WHICH CONTAINS PRODUCTS IN FOUR LIFE CYCLE CATEGORIES: - ARCHITECTURE MANAGEMENT, WHICH INCLUDES INTEGRATED DEVELOPMENT ENVIRONMENTS (APPLICATION DEVELOPER IS HERE) - CHANGE AND RELEASE MANAGEMENT - PROCESS AND PORTFOLIO MANAGEMENT - QUALITY MANAGEMENT THIS IBM REDBOOKS® PUBLICATION IS A PROGRAMMING GUIDE THAT HIGHLIGHTS THE FEATURES AND TOOLING INCLUDED WITH RATIONAL APPLICATION DEVELOPER V7.0. MANY OF THE CHAPTERS PROVIDE WORKING EXAMPLES THAT DEMONSTRATE HOW TO USE THE TOOLING TO DEVELOP APPLICATIONS, AS WELL AS ACHIEVE THE BENEFITS OF VISUAL AND RAPID APPLICATION DEVELOPMENT. THIS PUBLICATION IS AN UPDATE OF RATIONAL APPLICATION DEVELOPER V6 PROGRAMMING GUIDE, SG24-6449. THIS BOOK CONSISTS OF SIX PARTS: - INTRODUCTION TO RATIONAL APPLICATION DEVELOPER - DEVELOP APPLICATIONS - TEST AND DEBUG APPLICATIONS - DEPLOY AND PROFILE APPLICATIONS - TEAM DEVELOPMENT - APPENDIXES

COMPUTERWORLD - 1997-03-10

FOR MORE THAN 40 YEARS, COMPUTERWORLD HAS BEEN THE LEADING SOURCE OF TECHNOLOGY NEWS AND INFORMATION FOR IT INFLUENCERS WORLDWIDE. COMPUTERWORLD'S AWARD-WINNING WEB SITE (COMPUTERWORLD.COM), TWICE-MONTHLY PUBLICATION, FOCUSED CONFERENCE SERIES AND CUSTOM RESEARCH FORM THE HUB OF THE WORLD'S LARGEST GLOBAL IT MEDIA NETWORK.

BIOCHEMICAL GENETICS - 1967

COMPUTER APPLICATIONS FOR SOFTWARE ENGINEERING, DISASTER RECOVERY, AND BUSINESS CONTINUITY - TAI-HOON KIM 2012-11-07

THIS BOOK COMPRISES THE REFEREED PROCEEDINGS OF THE INTERNATIONAL CONFERENCES, ASEA AND DRBC 2012, HELD IN CONJUNCTION WITH GST 2012 ON JEJU ISLAND, KOREA, IN NOVEMBER/DECEMBER 2012. THE PAPERS PRESENTED WERE CAREFULLY REVIEWED AND SELECTED FROM NUMEROUS SUBMISSIONS AND FOCUS ON THE VARIOUS ASPECTS OF ADVANCED SOFTWARE ENGINEERING AND ITS APPLICATIONS, AND DISASTER RECOVERY AND BUSINESS CONTINUITY.

POWER ELECTRONICS, DRIVES, AND ADVANCED APPLICATIONS - VINOD KUMAR 2020-03-27

CONCERN FOR RELIABLE POWER SUPPLY AND ENERGY-EFFICIENT SYSTEM DESIGN HAS LED TO USAGE OF POWER ELECTRONICS-BASED SYSTEMS, INCLUDING EFFICIENT ELECTRIC POWER CONVERSION AND POWER SEMICONDUCTOR DEVICES. THIS BOOK PROVIDES INTEGRATION OF COMPLETE FUNDAMENTAL THEORY, DESIGN, SIMULATION AND APPLICATION OF POWER ELECTRONICS, AND DRIVES COVERING UP-TO-DATE SUBJECT COMPONENTS. IT CONTAINS TWENTY-ONE CHAPTERS ARRANGED IN FOUR SECTIONS ON POWER SEMICONDUCTOR DEVICES, BASIC POWER ELECTRONIC CONVERTERS, ADVANCED POWER ELECTRONICS CONVERTERS, POWER SUPPLIES, ELECTRICAL DRIVES AND ADVANCED APPLICATIONS. AIMED AT SENIOR UNDERGRADUATE AND GRADUATE STUDENTS IN ELECTRICAL ENGINEERING AND POWER ELECTRONICS INCLUDING RELATED PROFESSIONALS, THIS BOOK • INCLUDES ELECTRICAL DRIVES SUCH AS DC MOTOR, AC MOTOR, SPECIAL MOTOR, HIGH PERFORMANCE MOTOR DRIVES, SOLAR, ELECTRICAL/HYBRID VEHICLE AND FUEL CELL DRIVES • REVIEWS ADVANCES IN RENEWABLE ENERGY TECHNOLOGIES (WIND, PV, HYBRID POWER SYSTEMS) AND THEIR INTEGRATION • EXPLORES TOPICS LIKE DISTRIBUTED GENERATION, MICROGRID, AND WIRELESS POWER TRANSFER SYSTEM • INCLUDES SIMULATION EXAMPLES USING MATLAB®/SIMULINK AND OVER FOUR HUNDRED SOLVED, UNSOLVED AND REVIEW PROBLEMS

ENERGY RESEARCH ABSTRACTS - 1993

SEMIANNUAL, WITH SEMIANNUAL AND ANNUAL INDEXES. REFERENCES TO ALL SCIENTIFIC AND TECHNICAL LITERATURE COMING FROM DOE, ITS LABORATORIES, ENERGY CENTERS, AND CONTRACTORS. INCLUDES ALL WORKS DERIVING FROM DOE, OTHER RELATED GOVERNMENT-SPONSORED INFORMATION, AND FOREIGN NONNUCLEAR INFORMATION. ARRANGED UNDER 39 CATEGORIES, E.G., BIOMEDICAL SCIENCES, BASIC STUDIES; BIOMEDICAL SCIENCES, APPLIED STUDIES; HEALTH AND SAFETY; AND FUSION ENERGY. ENTRY GIVES BIBLIOGRAPHICAL INFORMATION AND ABSTRACT. CORPORATE, AUTHOR, SUBJECT, REPORT NUMBER INDEXES.

CONNECTIONIST SPEECH RECOGNITION - HERVÉ A. BOURLARD 1994

CONNECTIONIST SPEECH RECOGNITION: A HYBRID APPROACH DESCRIBES THE THEORY AND

IMPLEMENTATION OF A METHOD TO INCORPORATE NEURAL NETWORK APPROACHES INTO STATE OF THE ART CONTINUOUS SPEECH RECOGNITION SYSTEMS BASED ON HIDDEN MARKOV MODELS (HMMs) TO IMPROVE THEIR PERFORMANCE. IN THIS FRAMEWORK, NEURAL NETWORKS (AND IN PARTICULAR, MULTILAYER PERCEPTRONS OR MLPs) HAVE BEEN RESTRICTED TO WELL-DEFINED SUBTASKS OF THE WHOLE SYSTEM, I.E. HMM EMISSION PROBABILITY ESTIMATION AND FEATURE EXTRACTION. THE BOOK DESCRIBES A SUCCESSFUL FIVE-YEAR INTERNATIONAL COLLABORATION BETWEEN THE AUTHORS. THE LESSONS LEARNED FORM A CASE STUDY THAT DEMONSTRATES HOW HYBRID SYSTEMS CAN BE DEVELOPED TO COMBINE NEURAL NETWORKS WITH MORE TRADITIONAL STATISTICAL APPROACHES. THE BOOK ILLUSTRATES BOTH THE ADVANTAGES AND LIMITATIONS OF NEURAL NETWORKS IN THE FRAMEWORK OF A STATISTICAL SYSTEMS. USING STANDARD DATABASES AND COMPARISON WITH SOME CONVENTIONAL APPROACHES, IT IS SHOWN THAT MLP PROBABILITY ESTIMATION CAN IMPROVE RECOGNITION PERFORMANCE. OTHER APPROACHES ARE DISCUSSED, THOUGH THERE IS NO SUCH UNEQUIVOCAL EXPERIMENTAL RESULT FOR THESE METHODS.

CONNECTIONIST SPEECH RECOGNITION IS OF USE TO ANYONE INTENDING TO USE NEURAL NETWORKS FOR SPEECH RECOGNITION OR WITHIN THE FRAMEWORK PROVIDED BY AN EXISTING SUCCESSFUL STATISTICAL APPROACH. THIS INCLUDES RESEARCH AND DEVELOPMENT GROUPS WORKING IN THE FIELD OF SPEECH RECOGNITION, BOTH WITH STANDARD AND NEURAL NETWORK APPROACHES, AS WELL AS OTHER PATTERN RECOGNITION AND/OR NEURAL NETWORK RESEARCHERS. THE BOOK IS ALSO SUITABLE AS A TEXT FOR ADVANCED COURSES ON NEURAL NETWORKS OR SPEECH PROCESSING.

IoT - SOUVIK PAL 2020-06-03

IOT: SECURITY AND PRIVACY PARADIGM COVERS THE EVOLUTION OF SECURITY AND PRIVACY ISSUES IN THE INTERNET OF THINGS (IoT). IT FOCUSES ON BRINGING ALL SECURITY AND PRIVACY RELATED TECHNOLOGIES INTO ONE SOURCE, SO THAT STUDENTS, RESEARCHERS, AND PRACTITIONERS CAN REFER TO THIS BOOK FOR EASY UNDERSTANDING OF IoT SECURITY AND PRIVACY ISSUES. THIS EDITED BOOK USES SECURITY ENGINEERING AND PRIVACY-BY-DESIGN PRINCIPLES TO DESIGN A SECURE IoT ECOSYSTEM AND TO IMPLEMENT CYBER-SECURITY SOLUTIONS. THIS BOOK TAKES THE READERS ON A JOURNEY THAT BEGINS WITH UNDERSTANDING THE SECURITY ISSUES IN IoT-ENABLED TECHNOLOGIES AND HOW IT CAN BE APPLIED IN VARIOUS ASPECTS. IT WALKS READERS THROUGH ENGAGING WITH SECURITY CHALLENGES AND BUILDS A SAFE INFRASTRUCTURE FOR IoT DEVICES. THE BOOK HELPS READERS GAIN AN UNDERSTAND OF SECURITY ARCHITECTURE THROUGH IoT AND DESCRIBES THE STATE OF THE ART OF IoT COUNTERMEASURES. IT ALSO DIFFERENTIATES SECURITY THREATS IN IoT-ENABLED INFRASTRUCTURE FROM TRADITIONAL AD HOC OR INFRASTRUCTURAL NETWORKS, AND PROVIDES A COMPREHENSIVE DISCUSSION ON THE SECURITY CHALLENGES AND SOLUTIONS IN RFID, WSNs, IN IoT. THIS BOOK AIMS TO PROVIDE THE CONCEPTS OF RELATED TECHNOLOGIES AND NOVEL FINDINGS OF THE RESEARCHERS THROUGH ITS CHAPTER ORGANIZATION. THE PRIMARY AUDIENCE INCLUDES SPECIALISTS, RESEARCHERS, GRADUATE STUDENTS, DESIGNERS, EXPERTS AND ENGINEERS WHO ARE FOCUSED ON RESEARCH AND SECURITY RELATED ISSUES. SOUVIK PAL, PHD, HAS WORKED AS ASSISTANT PROFESSOR IN NALANDA INSTITUTE OF TECHNOLOGY, BHUBANESWAR, AND JIS COLLEGE OF ENGINEERING, KOLKATA (NAAC "A" ACCREDITED COLLEGE). HE IS THE ORGANIZING CHAIR AND PLENARY SPEAKER OF RICE CONFERENCE IN VIETNAM; AND ORGANIZING CO-CONVENER OF ICICIT, TUNISIA. HE HAS SERVED IN MANY CONFERENCES AS CHAIR, KEYNOTE SPEAKER, AND HE ALSO CHAIRED INTERNATIONAL CONFERENCE SESSIONS AND PRESENTED SESSION TALKS INTERNATIONALLY. HIS RESEARCH AREA INCLUDES CLOUD COMPUTING, BIG DATA, WIRELESS SENSOR NETWORK (WSN), INTERNET OF THINGS, AND DATA ANALYTICS. VICENTE GARCÍA-AZ, PHD, IS AN ASSOCIATE PROFESSOR IN THE DEPARTMENT OF COMPUTER SCIENCE AT THE UNIVERSITY OF OVIEDO (LANGUAGES AND COMPUTER SYSTEMS AREA). HE IS ALSO THE EDITOR OF SEVERAL SPECIAL ISSUES IN PRESTIGIOUS JOURNALS SUCH AS SCIENTIFIC PROGRAMMING AND INTERNATIONAL JOURNAL OF INTERACTIVE MULTIMEDIA AND ARTIFICIAL INTELLIGENCE. HIS RESEARCH INTERESTS INCLUDE E-LEARNING, MACHINE LEARNING AND THE USE OF DOMAIN SPECIFIC LANGUAGES IN DIFFERENT AREAS. DAC-NHUONG LE, PHD, IS DEPUTY-HEAD OF FACULTY OF INFORMATION TECHNOLOGY, AND VICE-DIRECTOR OF INFORMATION TECHNOLOGY APPLY AND FOREIGN LANGUAGE TRAINING CENTER, HAIPHONG UNIVERSITY, VIETNAM. HIS AREA OF RESEARCH INCLUDES: EVALUATION COMPUTING AND APPROXIMATE ALGORITHMS, NETWORK COMMUNICATION, SECURITY AND VULNERABILITY, NETWORK PERFORMANCE ANALYSIS AND SIMULATION, CLOUD COMPUTING, IoT AND IMAGE PROCESSING IN BIOMEDICAL. PRESENTLY, HE IS SERVING ON THE EDITORIAL BOARD OF SEVERAL INTERNATIONAL JOURNALS AND HAS AUTHORED NINE COMPUTER SCIENCE BOOKS PUBLISHED BY SPRINGER, WILEY, CRC PRESS, LAMBERT PUBLICATION, AND SCHOLAR PRESS.

SHORT ROTATION WOODY CROP PRODUCTION SYSTEMS FOR ECOSYSTEM SERVICES AND PHYTOTECNOLOGIES - RONALD S. ZALESNY JR. 2019-12-20

WHILE INTERNATIONAL EFFORTS IN THE DEVELOPMENT OF SHORT ROTATION WOODY CROPS (SRWCs) HAVE HISTORICALLY FOCUSED ON THE PRODUCTION OF BIOMASS FOR BIOENERGY, BIOFUELS, AND BIOPRODUCTS, RESEARCH AND DEPLOYMENT OVER THE PAST DECADE HAS EXPANDED TO INCLUDE BROADER OBJECTIVES OF ACHIEVING MULTIPLE ECOSYSTEM SERVICES. IN PARTICULAR, SILVICULTURAL PRESCRIPTIONS DEVELOPED FOR SRWCs HAVE BEEN REFINED TO INCLUDE WOODY CROP PRODUCTION SYSTEMS FOR ENVIRONMENTAL BENEFITS SUCH AS CARBON SEQUESTRATION, WATER QUALITY AND QUANTITY, AND SOIL HEALTH. IN ADDITION, CURRENT SYSTEMS HAVE BEEN EXPANDED BEYOND TRADITIONAL FIBER PRODUCTION TO OTHER ENVIRONMENTAL TECHNOLOGIES THAT INCORPORATE SRWCs AS VITAL COMPONENTS FOR PHYTOTECNOLOGIES, URBAN AFFORESTATION, ECOLOGICAL RESTORATION, AND MINE RECLAMATION. IN THIS SPECIAL ISSUE OF THE JOURNAL FORESTS, WE EXPLORE THE BROAD RANGE OF CURRENT RESEARCH DEDICATED TO OUR TOPIC: INTERNATIONAL SHORT ROTATION WOODY CROP PRODUCTION SYSTEMS FOR ECOSYSTEM SERVICES AND PHYTOTECNOLOGIES

SCIENTIFIC AND TECHNICAL AEROSPACE REPORTS - 1995

MOBILE APP DEVELOPMENT WITH IONIC, REVISED EDITION - CHRIS GRIFFITH 2017-08-18
LEARN HOW TO BUILD APP STORE-READY HYBRID APPS WITH IONIC, THE FRAMEWORK BUILT ON TOP OF APACHE CORDOVA (FORMERLY PHONEGAP) AND ANGULAR. THIS REVISED GUIDE SHOWS YOU HOW TO USE IONIC'S TOOLS AND SERVICES TO DEVELOP APPS WITH HTML, CSS, AND TYPESCRIPT, RATHER THAN RELY ON PLATFORM-SPECIFIC SOLUTIONS FOUND IN ANDROID, iOS, AND WINDOWS UNIVERSAL. AUTHOR CHRIS GRIFFITH TAKES YOU STEP-BY-

STEP THROUGH IONIC'S POWERFUL COLLECTION OF UI COMPONENTS, AND THEN HELPS YOU USE IT TO BUILD THREE CROSS-PLATFORM MOBILE APPS. WHETHER YOU'RE NEW TO THIS FRAMEWORK OR HAVE BEEN WORKING WITH IONIC 1, THIS BOOK IS IDEAL FOR BEGINNING, INTERMEDIATE, AND ADVANCED WEB DEVELOPERS. UNDERSTAND WHAT A HYBRID MOBILE APP IS, AND WHAT COMPRISES A BASIC IONIC APPLICATION LEARN HOW IONIC LEVERAGES APACHE CORDOVA, ANGULAR, AND TYPESCRIPT TO CREATE NATIVE MOBILE APPLICATIONS CREATE A FIREBASE-ENABLED TO-DO APPLICATION THAT STORES DATA ACROSS MULTIPLE CLIENTS BUILD A TAB-BASED NATIONAL PARK EXPLORER APP WITH GOOGLE MAP INTEGRATION DEVELOP A WEATHER APP WITH THE DARKSKY WEATHER API AND GOOGLE'S GEOCODE API DEBUG AND TEST YOUR APP TO RESOLVE ISSUES THAT ARISE DURING DEVELOPMENT WALK THROUGH STEPS FOR DEPLOYING YOUR APP TO NATIVE APP STORES LEARN HOW IONIC CAN BE USED TO CREATE PROGRESSIVE WEB APPS
JOURNAL - NATIONAL CANCER INSTITUTE (U.S.) 1962

INDIAN FARMING - 1997

APPLICATION DEVELOPMENT AND DESIGN: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS - MANAGEMENT ASSOCIATION, INFORMATION RESOURCES 2017-08-11
ADVANCEMENTS IN TECHNOLOGY HAVE ALLOWED FOR THE CREATION OF NEW TOOLS AND INNOVATIONS THAT CAN IMPROVE DIFFERENT ASPECTS OF LIFE. THESE APPLICATIONS CAN BE UTILIZED ACROSS DIFFERENT TECHNOLOGICAL PLATFORMS. APPLICATION DEVELOPMENT AND DESIGN: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS IS A COMPREHENSIVE REFERENCE SOURCE FOR THE LATEST SCHOLARLY MATERIAL ON TRENDS, TECHNIQUES, AND USES OF VARIOUS TECHNOLOGY APPLICATIONS AND EXAMINES THE BENEFITS AND CHALLENGES OF THESE COMPUTATIONAL DEVELOPMENTS. HIGHLIGHTING A RANGE OF PERTINENT TOPICS SUCH AS SOFTWARE DESIGN, MOBILE APPLICATIONS, AND WEB APPLICATIONS, THIS MULTI-VOLUME BOOK IS IDEALLY DESIGNED FOR RESEARCHERS, ACADEMICS, ENGINEERS, PROFESSIONALS, STUDENTS, AND PRACTITIONERS INTERESTED IN EMERGING TECHNOLOGY APPLICATIONS.

RESEARCH ON THE MANAGEMENT OF INNOVATION - ANDREW H. VAN DE VEN 2000
LIST OF FIGURES. LIST OF TABLES. PREFACE TO THE PAPERBACK EDITION. PREFACE TO THE ORIGINAL EDITION. SECTION I: OVERVIEW OF RESEARCH PROGRAM AND METHODS. 1. AN INTRODUCTION TO THE MINNESOTA INNOVATION RESEARCH PROGRAM, ANDREW H. VAN DE VEN AND HAROLD L. ANGLE. 2. METHODS FOR STUDYING INNOVATION PROCESSES, ANDREW H. VAN DE VEN AND MARSHALL SCOTT POOLE. 3. A PSYCHOMETRIC ASSESSMENT OF THE MINNESOTA INNOVATION SURVEY, ANDREW H. VAN DE VEN AND YUN-HAN CHU. SECTION II: THE MINNESOTA INNOVATION RESEARCH PROGRAM FRAMEWORK. 4. THE DEVELOPMENT OF INNOVATION IDEAS, ROGER G. SCHROEDER, ANDREW H. VAN DE VE.
HANDBOOK OF RESEARCH ON AI METHODS AND APPLICATIONS IN COMPUTER ENGINEERING - KADDOURA, SANAA 2023-01-30

THE DEVELOPMENT OF ARTIFICIAL INTELLIGENCE (AI) INVOLVES THE CREATION OF COMPUTER SYSTEMS THAT CAN DO ACTIVITIES THAT WOULD ORDINARILY REQUIRE HUMAN INTELLIGENCE, SUCH AS VISUAL PERCEPTION, SPEECH RECOGNITION, DECISION MAKING, AND LANGUAGE TRANSLATION. THROUGH INCREASINGLY COMPLEX PROGRAMMING APPROACHES, IT HAS BEEN TRANSFORMING AND ADVANCING THE DISCIPLINE OF COMPUTER SCIENCE. THE HANDBOOK OF RESEARCH ON AI METHODS AND APPLICATIONS IN COMPUTER ENGINEERING ILLUMINATES HOW TODAY'S COMPUTER ENGINEERS AND SCIENTISTS CAN USE AI IN REAL-WORLD APPLICATIONS. IT FOCUSES ON A FEW CURRENT AND EMERGENT AI APPLICATIONS, ALLOWING A MORE IN-DEPTH DISCUSSION OF EACH TOPIC. COVERING TOPICS SUCH AS BIOMEDICAL RESEARCH APPLICATIONS, NAVIGATION SYSTEMS, AND SEARCH ENGINES, THIS PREMIER REFERENCE SOURCE IS AN EXCELLENT RESOURCE FOR COMPUTER SCIENTISTS, COMPUTER ENGINEERS, IT MANAGERS, STUDENTS AND EDUCATORS OF HIGHER EDUCATION, LIBRARIANS, RESEARCHERS, AND ACADEMICIANS.

LIGHT WEIGHT MOBILE CLOUD COMPUTING ENVIRONMENT FOR MOBILE APPLICATION. - DR. ASHAD ULLAH QURESHI 2022-06-01

RESOURCE-INTENSIVE MOBILE APPLICATION (RMA) EXECUTION IS INHIBITED BY MOBILE DEVICE CONSTRAINED RESOURCES, PARTICULARLY CPU, RAM, STORAGE, AND BATTERY. HOWEVER, MOBILE CLOUD COMPUTING (MCC) AS THE STATE-OF-THE-ART MOBILE COMPUTING PARADIGM IS AIMING TO AUGMENT COMPUTING CAPABILITIES OF MOBILE DEVICES, MITIGATE THEIR RESOURCE-DEFICIENCY, AND REALIZE EFFICIENT EXECUTION OF RMA. MCC SOLUTIONS DOMINANTLY PERFORM REMOTE EXECUTION OF RESOURCE-INTENSIVE RMAS' COMPONENTS USING RESOURCES-RICH DISTANT IMMOBILE CLOUD (DIC), PARTICULARLY PUBLIC CLOUD. ALTHOUGH DICs FEATURE HIGH AVAILABILITY AND ELASTIC SCALABILITY, THEY ARE CHARACTERIZED BY HIGH COMMUNICATION LATENCY AND LACK OF MOBILITY. THEREFORE, PERFORMANCE GAINS OF MOBILE AUGMENTATION USING DIC ARE MITIGATED AND RMA EXECUTION EFFICIENCY IS REMARKABLY DEGRADED. IN THIS STUDY, WE AIM TO ACHIEVE EFFICIENT EXECUTION OF RMAs BY PROPOSING A LIGHTWEIGHT MCC FRAMEWORK. WE VERIFY THE PROBLEM SIGNIFICANCE BY ANALYZING TIME AND ENERGY OVERHEADS OF EXPLOITING DICs FOR AUGMENTING RESOURCE-CONSTRAINT MOBILE DEVICES.

HYBRID INTELLIGENT SYSTEMS - LARRY R. MEDSKER 1995-06-30

HYBRID INTELLIGENT SYSTEMS SUMMARIZES THE STRENGTHS AND WEAKNESSES OF FIVE INTELLIGENT TECHNOLOGIES: FUZZY LOGIC, GENETIC ALGORITHMS, CASE-BASED REASONING, NEURAL NETWORKS AND EXPERT SYSTEMS, REVIEWING THE STATUS AND SIGNIFICANCE OF RESEARCH INTO THEIR INTEGRATION. ENGINEERING AND SCIENTIFIC EXAMPLES AND CASE STUDIES ARE USED TO ILLUSTRATE PRINCIPLES AND APPLICATION DEVELOPMENT TECHNIQUES. THE READER WILL GAIN A CLEAR IDEA OF THE CURRENT STATUS OF HYBRID INTELLIGENT SYSTEMS AND DISCOVER HOW TO CHOOSE AND DEVELOP APPROPRIATE APPLICATIONS. THE BOOK IS BASED ON A THOROUGH LITERATURE SEARCH OF RECENT PUBLICATIONS ON RESEARCH AND DEVELOPMENT IN HYBRID INTELLIGENT SYSTEMS; THE RESULTING 50-PAGE REFERENCE SECTION OF THE BOOK IS INVALUABLE. THE BOOK STARTS WITH A SUMMARY OF THE FIVE MAJOR INTELLIGENT TECHNOLOGIES AND OF THE ISSUES IN AND CURRENT STATUS OF RESEARCH INTO THEM. EACH SUBSEQUENT CHAPTER PRESENTS A DETAILED DISCUSSION OF A DIFFERENT COMBINATION OF INTELLIGENT TECHNOLOGIES, ALONG WITH EXAMPLES AND CASE STUDIES. FOUR CHAPTERS CONTAIN DETAILED CASE STUDIES OF WORKING HYBRID SYSTEMS. THE BOOK ENABLES THE READER TO: DESCRIBE THE IMPORTANT CONCEPTS, STRENGTHS AND LIMITATIONS OF EACH TECHNOLOGY; RECOGNIZE AND ANALYZE POTENTIAL PROBLEMS WITH THE APPLICATION OF HYBRID SYSTEMS; CHOOSE APPROPRIATE HYBRID INTELLIGENT SOLUTIONS;

UNDERSTAND HOW APPLICATIONS ARE DESIGNED WITH ANY OF THE APPROACHES COVERED; CHOOSE APPROPRIATE COMMERCIAL DEVELOPMENT SHELLS OR TOOLS. AN INVALUABLE REFERENCE SOURCE FOR THOSE WHO WISH TO APPLY INTELLIGENT SYSTEMS TECHNIQUES TO THEIR OWN PROBLEMS.

HYBRID METAHEURISTICS - FRANCISCO ALMEIDA 2006-09-29

THIS BOOK CONSTITUTES THE REFERRED PROCEEDINGS OF THE THIRD INTERNATIONAL WORKSHOP ON HYBRID METAHEURISTICS, HM 2006, HELD IN GRAN CANARIA, SPAIN, IN OCTOBER 2006. THE 13 REVISED FULL PAPERS PRESENTED TOGETHER WITH ONE INVITED PAPER WERE CAREFULLY REVIEWED AND SELECTED FROM 42 SUBMISSIONS.

ADVANCED COMPUTATIONAL METHODS FOR KNOWLEDGE ENGINEERING - TIEN DO 2014-04-11

THE PROCEEDINGS CONSISTS OF 30 PAPERS WHICH HAVE BEEN SELECTED AND INVITED FROM THE SUBMISSIONS TO THE 2ND INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE, APPLIED MATHEMATICS AND APPLICATIONS (ICCSAMA 2014) HELD ON 8-9 MAY, 2014 IN BUDAPEST, HUNGARY. THE CONFERENCE IS ORGANIZED INTO 7 SESSIONS: ADVANCED OPTIMIZATION METHODS AND THEIR APPLICATIONS, QUEUEING MODELS AND PERFORMANCE EVALUATION, SOFTWARE DEVELOPMENT AND TESTING, COMPUTATIONAL METHODS FOR MOBILE AND WIRELESS NETWORKS, COMPUTATIONAL METHODS FOR KNOWLEDGE ENGINEERING, LOGIC BASED METHODS FOR DECISION MAKING AND DATA MINING AND NONLINEAR SYSTEMS AND APPLICATIONS, RESPECTIVELY. ALL CHAPTERS IN THE BOOK DISCUSS THEORETICAL AND PRACTICAL ISSUES CONNECTED WITH COMPUTATIONAL METHODS AND OPTIMIZATION METHODS FOR KNOWLEDGE ENGINEERING. THE EDITORS HOPE THAT THIS VOLUME CAN BE USEFUL FOR GRADUATE AND PH.D. STUDENTS AND RESEARCHERS IN COMPUTER SCIENCE AND APPLIED MATHEMATICS. IT IS THE HOPE OF THE EDITORS THAT READERS OF THIS VOLUME CAN FIND MANY INSPIRING IDEAS AND USE THEM TO THEIR RESEARCH. MANY SUCH CHALLENGES ARE SUGGESTED BY PARTICULAR APPROACHES AND MODELS PRESENTED IN INDIVIDUAL CHAPTERS OF THIS BOOK.

HANDBOOK OF POLYMER COATINGS FOR ELECTRONICS - JAMES J. LICARI 1990-12-31

THIS COMPLETELY REVISED EDITION REMAINS THE ONLY COMPREHENSIVE TREATISE ON POLYMER COATINGS FOR ELECTRONICS. SINCE THE ORIGINAL EDITION, THE APPLICATIONS OF COATINGS FOR THE ENVIRONMENTAL PROTECTION OF ELECTRONIC SYSTEMS HAVE GREATLY INCREASED, LARGELY DRIVEN BY THE COMPETITIVE NEED TO REDUCE COSTS, WEIGHT AND VOLUME. THE DEMANDS FOR HIGH-SPEED CIRCUITS FOR THE RAPID PROCESSING OF SIGNALS AND DATA, HIGH-DENSITY CIRCUITS FOR THE STORAGE AND RETRIEVAL OF MEGABITS OF MEMORY, AND THE IMPROVED RELIABILITY REQUIRED OF ELECTRONICS FOR GUIDING AND CONTROLLING WEAPONS AND SPACE VEHICLES HAVE TRIGGERED THE DEVELOPMENT OF MANY NEW AND IMPROVED COATING POLYMERS AND FORMULATIONS. BOTH THE THEORETICAL ASPECTS OF COATINGS (MOLECULAR STRUCTURE OF POLYMER TYPES AND THEIR CORRELATION WITH ELECTRICAL AND PHYSICAL PROPERTIES) AND APPLIED ASPECTS (FUNCTIONS, DEPOSITION PROCESSES, APPLICATIONS, TESTING) ARE COVERED IN THE BOOK. OVER 100 PROPRIETARY COATING FORMULATIONS WERE REVIEWED, THEIR PROPERTIES COLLATED, AND TABLES OF COMPARATIVE PROPERTIES PREPARED. THIS BOOK IS USEFUL AS BOTH A PRIMER AND AS A HANDBOOK FOR COLLECTING PROPERTIES DATA.

BUILD MOBILE APPS WITH IONIC 4 AND FIREBASE - FU CHENG 2018-11-02

LEVERAGE YOUR EXISTING WEB DEVELOPMENT SKILLS TO LEARN THE WHOLE CYCLE OF HYBRID MOBILE APP DEVELOPMENT. THIS EDITION IS FULLY UPDATED WITH THE CHANGES IN IONIC 4, INCLUDING STENCIL, A NEW FRAMEWORK BASED ON THE WEB COMPONENTS STANDARD. IT EXPLAINS IONIC AND FIREBASE IN DETAIL, INCLUDING HOW TO CREATE HYBRID MOBILE APPS USING USING REACT AND VUE, AND RUN THOSE APPS IN AN INTERNAL BROWSER USING A WRAPPER CREATED BY APACHE CORDOVA. BUILD MOBILE APPS WITH IONIC 4 AND FIREBASE SHOWS YOU HOW TO FOCUS ON DEVELOPING FRONT-END CODE, WITHOUT NEEDING TO MANAGE ANY BACK-END CODE OR SERVERS. YOU'LL LEARN IN THE CONTEXT OF BUILDING A HACKER NEWS CLIENT APP, WHICH CAN VIEW TOP STORIES IN HACKER NEWS, VIEW COMMENTS OF A STORY, AND ADD STORIES TO FAVORITES. EXPLORE HOW IONIC 4 USES ANGULAR AS THE JAVASCRIPT FRAMEWORK TO EASILY DEVELOP APPS USING AN INTERFACE SIMILAR TO NATIVE APPS, AND HOW TO ACCESS FIREBASE, A REAL-TIME DATABASE, IN WEB APPS USING JAVASCRIPT. WHAT YOU'LL LEARN CREATE CONTENT-BASED IONIC MOBILE APPS WORK WITH NEW IONIC 4 COMPONENTS LIKE GESTURE, TEXT, AND KEYBOARD CONTROLLER MANAGE YOUR APPS WITH RXJS & REDUX WHO THIS BOOK IS FOR FRONT-END DEVELOPERS AND MOBILE APP DEVELOPERS

THE ROUTLEDGE HANDBOOK OF CHINESE SECOND LANGUAGE ACQUISITION - CHUANREN KE 2018-03-29

THE ROUTLEDGE HANDBOOK OF CHINESE SECOND LANGUAGE ACQUISITION IS THE FIRST REFERENCE WORK OF ITS KIND. THE HANDBOOK CONTAINS TWENTY CONTRIBUTIONS FROM LEADING EXPERTS IN THE FIELD OF CHINESE SLA, COVERING A WIDE RANGE OF TOPICS SUCH AS SOCIAL CONTEXTS, LINGUISTIC PERSPECTIVES, SKILL LEARNING, INDIVIDUAL DIFFERENCES AND LEARNING SETTINGS AND TESTING. EACH CHAPTER COVERS HISTORICAL PERSPECTIVES, CORE ISSUES AND KEY FINDINGS, RESEARCH APPROACHES, PEDAGOGICAL IMPLICATIONS, FUTURE RESEARCH DIRECTION AND ADDITIONAL REFERENCES. THE ROUTLEDGE HANDBOOK OF CHINESE SECOND LANGUAGE ACQUISITION IS AN ESSENTIAL REFERENCE FOR CHINESE LANGUAGE TEACHERS AND RESEARCHERS IN CHINESE APPLIED LINGUISTICS AND SECOND LANGUAGE ACQUISITION.

DEVELOPMENT OF A HYBRID MATERIAL FOR AEROSPACE APPLICATION, MADE OF C/E SANDWICH PANELS WITH GLARE PROTECTION - AN EXPERIMENTAL EVALUATION OF THE IMPACT BEHAVIOR - GIANFRANCO LA ROCCA 2000

PROPERTIES AND APPLICATIONS OF POLYMER NANOCOMPOSITES - DEBA KUMAR TRIPATHY 2017-05-07

THE AIM OF THE PRESENT EDITED BOOK IS TO FURNISH SCIENTIFIC INFORMATION ABOUT MANUFACTURING, PROPERTIES, AND APPLICATION OF CLAY AND CARBON BASED POLYMER NANOCOMPOSITES. IT CAN BE USED AS HANDBOOK FOR UNDERGRADUATE AND POST GRADUATE COURSES (FOR EXAMPLE MATERIAL SCIENCE AND ENGINEERING, POLYMER SCIENCE AND ENGINEERING, RUBBER TECHNOLOGY, MANUFACTURING ENGINEERING, ETC.) AS WELL AS AS REFERENCE BOOK FOR RESEARCH FELLOWS AND PROFESSIONALS. POLYMER NANOCOMPOSITES HAVE RECEIVED OUTSTANDING IMPORTANCE IN THE PRESENT DECADE BECAUSE OF THEIR BROAD RANGE OF HIGH-PERFORMANCE APPLICATIONS IN VARIOUS AREAS OF ENGINEERING AND TECHNOLOGY DUE TO THEIR SPECIAL MATERIAL PROPERTIES. A GREAT INTEREST IS DEDICATED

TO NANOFILLER BASED POLYMERIC MATERIALS, WHICH EXHIBIT EXCELLENT ENHANCEMENT IN MACROSCOPIC MATERIAL PROPERTIES (MECHANICAL, THERMAL, DYNAMIC MECHANICAL,

ELECTRICAL AND MANY MORE) AT VERY LOW FILLER CONTENTS AND CAN THEREFORE BE USED FOR THE DEVELOPMENT OF NEXT-GENERATION COMPOSITE MATERIALS.