

Tag/□□□□□

IF YOU ALLY CRAVING SUCH A REFERRED TAG/□ □ □ □ □ THAT WILL ALLOW YOU WORTH, GET THE AGREED BEST SELLER FROM US CURRENTLY FROM SEVERAL PREFERRED AUTHORS. IF YOU DESIRE TO HUMOROUS BOOKS, LOTS OF NOVELS, TALE, JOKES, AND MORE FICCTIONS COLLECTIONS ARE IN ADDITION TO LAUNCHED, FROM BEST SELLER TO ONE OF THE MOST CURRENT RELEASED.

YOU MAY NOT BE PERPLEXED TO ENJOY EVERY BOOKS COLLECTIONS TAG/□ □ □ □ □ THAT WE WILL CATEGORICALLY OFFER. IT IS NOT ON THE ORDER OF THE COSTS. ITS MORE OR LESS WHAT YOU COMPULSION CURRENTLY. THIS TAG/□ □ □ □ □ , AS ONE OF THE MOST FUNCTIONAL SELLERS HERE WILL UNCONDITIONALLY BE IN THE COURSE OF THE BEST OPTIONS TO REVIEW.

ALGORITHMS AND ARCHITECTURES FOR PARALLEL PROCESSING XIANG-HE SUN 2014-08-13 THIS TWO VOLUME SET LNCS 8630 AND 8631 CONSTITUTES THE PROCEEDINGS OF THE 14TH INTERNATIONAL CONFERENCE ON ALGORITHMS AND ARCHITECTURES FOR PARALLEL PROCESSING, ICA3PP 2014, HELD IN DALIAN, CHINA, IN AUGUST 2014. THE 70 REVISED PAPERS PRESENTED IN THE TWO VOLUMES WERE SELECTED FROM 285 SUBMISSIONS. THE FIRST VOLUME COMPRISES SELECTED PAPERS OF THE MAIN CONFERENCE AND PAPERS OF THE 1ST INTERNATIONAL WORKSHOP ON EMERGING TOPICS IN WIRELESS AND MOBILE COMPUTING, ETWMC 2014, THE 5TH INTERNATIONAL WORKSHOP ON INTELLIGENT COMMUNICATION NETWORKS, INTELNET 2014, AND THE 5TH INTERNATIONAL WORKSHOP ON WIRELESS NETWORKS AND MULTIMEDIA, WNM 2014. THE SECOND VOLUME COMPRISES SELECTED PAPERS OF THE MAIN CONFERENCE AND PAPERS OF THE WORKSHOP ON COMPUTING, COMMUNICATION AND CONTROL TECHNOLOGIES IN INTELLIGENT TRANSPORTATION SYSTEM, 3C IN ITS 2014, AND THE WORKSHOP ON SECURITY AND PRIVACY IN COMPUTER AND NETWORK SYSTEMS, SPCNS 2014.

ADVANCES IN WIRELESS NETWORKS AND INFORMATION SYSTEMS QI LUO 2010-09-30 THE PURPOSE OF WNIS 2009, THE 2009 INTERNATIONAL CONFERENCE ON WIRELESS NETWORKS AND INFORMATION SYSTEMS, IS TO BRING TOGETHER RESEARCHERS, ENGINEERS AND PRACTITIONERS INTERESTED ON INFORMATION SYSTEMS AND APPLICATIONS IN THE CONTEXT OF WIRELESS NETWORKS AND MOBILE TECHNOLOGIES. INFORMATION SYSTEMS AND INFORMATION TECHNOLOGY ARE PERVASIVE IN THE WHOLE COMMUNICATIONS FIELD, WHICH IS QUITE VAST, ENCOMPASSING A LARGE NUMBER OF RESEARCH TOPICS AND APPLICATIONS: FROM PRACTICAL ISSUES TO THE MORE ABSTRACT THEORETICAL ASPECTS OF COMMUNICATION; FROM LOW LEVEL PROTOCOLS TO HIGH-LEVEL NETWORKING AND APPLICATIONS; FROM WIRELESS NETWORKING TECHNOLOGIES TO MOBILE INFORMATION SYSTEMS; MANY OTHER TOPICS ARE INCLUDED IN THE SCOPE OF WNIS 2009. THE WNIS 2009 WILL BE HELD IN SHANGHAI, CHINA, IN DECEMBER 2009. WE CORDIALLY INVITE YOU TO ATTEND THE 2009 INTERNATIONAL CONFERENCE ON WIRELESS NETWORKS AND INFORMATION SYSTEMS. WE ARE SOLICITING PAPERS THAT PRESENT RECENT RESULTS, AS WELL AS MORE SPECULATIVE PRESENTATIONS THAT DISCUSS RESEARCH CHALLENGES, DEFINE NEW APPLICATIONS, AND PROPOSE METHODOLOGIES FOR EVALUATING AND THE ROAD MAP FOR ACHIEVING THE VISION OF WIRELESS NETWORKS AND MOBILE TECHNOLOGIES. THE WNIS 2009 IS CO-SPONSORED BY THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, THE IEEE SHANGHAI SECTION, THE INTELLIGENT INFORMATION TECHNOLOGY APPLICATION RESEARCH ASSOCIATION, HONG KONG AND WUHAN INSTITUTE OF TECHNOLOGY, CHINA. THE PURPOSE OF THE WNIS 2009 IS TO BRING TOGETHER RESEARCHERS AND PRACTITIONERS FROM ACADEMIA, INDUSTRY, AND GOVERNMENT TO EXCHANGE THEIR RESEARCH IDEAS AND RESULTS AND TO DISCUSS THE STATE OF THE ART IN THE AREAS OF THE SYMPOSIUM.

SIXTH INTERNATIONAL CONFERENCE ON COGNITIVE MODELING MARSHA C. LOVETT 2004-09-15 THE INTERNATIONAL CONFERENCE ON COGNITIVE MODELING BRINGS TOGETHER RESEARCHERS WHO DEVELOP COMPUTATIONAL MODELS TO EXPLAIN AND PREDICT COGNITIVE DATA. THE CORE THEME OF THE 2004 CONFERENCE WAS "INTEGRATING COMPUTATIONAL MODELS," ENCOMPASSING AN INTEGRATION OF DIVERSE DATA THROUGH MODELS OF COHERENT PHENOMENA; INTEGRATION ACROSS MODELING APPROACHES; AND INTEGRATION OF TEACHING AND MODELING. THIS TEXT PRESENTS THE PROCEEDINGS OF THAT CONFERENCE. THE INTERNATIONAL CONFERENCE ON COGNITIVE MODELING 2004 SOUGHT TO GROW THE DISCIPLINE OF COMPUTATIONAL COGNITIVE MODELING BY PROVIDING A SOPHISTICATED MODELING AUDIENCE FOR CUTTING-EDGE RESEARCHERS, IN ADDITION TO OFFERING A FORUM FOR INTEGRATING INSIGHTS ACROSS ALTERNATIVE MODELING APPROACHES IN BOTH BASIC RESEARCH AND APPLIED SETTINGS, AND A VENUE FOR PLANNING THE FUTURE GROWTH OF THE DISCIPLINE. THE MEETING INCLUDED A CAREFUL PEER-REVIEW PROCESS OF 6-PAGE PAPER SUBMISSIONS; POSTER-ABSTRACTS TO INCLUDE LATE-BREAKING WORK IN THE AREA; PRIZES FOR BEST PAPERS; A DOCTORAL CONSORTIUM; AND COMPETITIVE MODELING SYMPOSIA THAT COMPARE AND CONTRAST DIFFERENT APPROACHES TO THE SAME PHENOMENA.

THE APOCALYPTIC HTML ARSENAL JOHN RHEA 2021-03-01 WHEN YOU'RE IN THE TRENCHES FIGHTING A ZOMBIE ONSLAUGHT, YOU'LL NEED YOUR MOST POWERFUL WEAPONS AT YOUR FINGERTIPS. THIS HTML ELEMENT AND GLOBAL ATTRIBUTE REFERENCE BOOK WILL KEEP YOUR WEB DEVELOPMENT WEAPONS SHARP AND YOUR TENSION EASED. EACH ELEMENT ENTRY CONTAINS A FUN DESCRIPTION, OPENING AND CLOSING TAGS, FLOW TYPE (INLINE OR BLOCK), IMPORTANT ATTRIBUTES, RELATED ELEMENTS AND EXAMPLE CODE TO SHOW HOW IT WORKS. THERE'S ALSO PLENTY OF ZOMBIE JOKES AND FUN BUT CLEAR ANALOGIES. THERE ARE ALSO ENTRIES ON ALL OF HTML'S GLOBAL ATTRIBUTES. PLUS EVERY ENTRY IS HIGHLY INDEXED FOR EASE OF ACCESS. LOOK AT ELEMENTS AND ATTRIBUTES ALPHABETICALLY BY TITLE OR TAG NAME. CLICK/TAP ON A RELATED ELEMENT TO GO STRAIGHT TO ITS ENTRY. THIS HTML REFERENCE BOOK WILL MAKE LEARNING AND LOOKING UP HTML ELEMENTS FUN AGAIN.

SUPPLY CHAIN MANAGEMENT: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS MANAGEMENT ASSOCIATION, INFORMATION RESOURCES 2012-12-31 IN ORDER TO KEEP UP WITH THE CONSTANT CHANGES IN TECHNOLOGY, BUSINESS HAVE ADOPTED SUPPLY CHAIN MANAGEMENT TO IMPROVE COMPETITIVE STRATEGIES ON A STRATEGIC AND OPERATIONAL LEVEL. SUPPLY CHAIN MANAGEMENT: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS IS A REFERENCE COLLECTION WHICH HIGHLIGHTS THE MAJOR CONCEPTS AND ISSUES IN THE APPLICATION AND ADVANCEMENT OF SUPPLY CHAIN MANAGEMENT. INCLUDING RESEARCH FROM LEADING SCHOLARS, THIS RESOURCE WILL BE USEFUL FOR ACADEMICS, STUDENTS, AND PRACTITIONERS INTERESTED IN THE CONTINUOUS STUDY OF SUPPLY CHAIN

MANAGEMENT AND ITS INFLUENCES.

EXPERT TWISTED MARK WILLIAMS 2018-12-07 EXPLORE TWISTED, THE PYTHON-BASED EVENT-DRIVEN NETWORKING ENGINE, AND REVIEW SEVERAL OF ITS MOST POPULAR APPLICATION PROJECTS. IT IS WRITTEN BY COMMUNITY LEADERS WHO HAVE CONTRIBUTED TO MANY OF THE PROJECTS COVERED, AND SHARE THEIR HARD-WON INSIGHTS AND EXPERIENCE. EXPERT TWISTED STARTS WITH AN INTRODUCTION TO EVENT-DRIVEN PROGRAMMING, EXPLAINING IT IN THE CONTEXT OF WHAT MAKES TWISTED UNIQUE. IT SHOWS HOW TWISTED'S DESIGN EMPHASIZES TESTABILITY AS A SOLUTION TO COMMON CHALLENGES OF RELIABILITY, DEBUGGING, AND START-TO-FINISH CAUSALITY THAT ARE INHERENT IN EVENT-DRIVEN PROGRAMMING. IT ALSO EXPLAINS ASYNCHRONOUS PROGRAMMING, AND THE IMPORTANCE OF FUNCTIONS, DEFERREDS, AND COROUTINES. IT THEN USES TWO POPULAR APPLICATIONS, TREQ AND KLEIN, TO DEMONSTRATE CALLING AND WRITING WEB APIS WITH TWISTED. THE SECOND PART OF THE BOOK DIVES INTO TWISTED PROJECTS, IN EACH CASE EXPLAINING HOW THE PROJECT FITS INTO THE TWISTED ECOSYSTEM AND WHAT IT DOES, AND OFFERS SEVERAL EXAMPLES TO BRING READERS UP TO SPEED, WITH POINTERS TO ADDITIONAL RESOURCES FOR MORE DEPTH. EXAMPLES INCLUDE USING TWISTED WITH DOCKER, AS A WSGI CONTAINER, FOR FILE SHARING, AND MORE. WHAT YOU'LL LEARN INTEGRATE TWISTED AND ASYNCIO USING ADAPTERS AUTOMATE SOFTWARE BUILD, TEST, AND RELEASE PROCESSES WITH BUILDBOT CREATE CLIENTS AND SERVERS WITH AUTOBAHN TRANSFER FILES WITH MAGIC WORMHOLE DISTRIBUTE CLOUD-BASED FILE STORAGE WITH TAHOE LAFS UNDERSTAND HTTP/2 WITH PYTHON AND TWISTED SUPPORT FOR ASYNCHRONOUS TASKS USING DJANGO CHANNELS WHO THIS BOOK IS FOR READERS SHOULD HAVE SOME PYTHON EXPERIENCE AND UNDERSTAND THE ESSENTIALS OF CONTAINERS AND PROTOCOLS, BUT NEED NOT BE FAMILIAR WITH TWISTED OR THE ASSOCIATED PROJECTS COVERED IN THE BOOK.

THE COMPUTER ENGINEERING HANDBOOK VOJIN G. OKLOBDZIJA 2001-12-26 THERE IS ARGUABLY NO FIELD IN GREATER NEED OF A COMPREHENSIVE HANDBOOK THAN COMPUTER ENGINEERING. THE UNPARALLELED RATE OF TECHNOLOGICAL ADVANCEMENT, THE EXPLOSION OF COMPUTER APPLICATIONS, AND THE NOW-IN-PROGRESS MIGRATION TO A WIRELESS WORLD HAVE MADE IT DIFFICULT FOR ENGINEERS TO KEEP UP WITH ALL THE DEVELOPMENTS IN SPECIALTIES OUTSIDE THEIR OWN

ADVANCED COMPUTING NATARAJAN MEGHANATHAN 2010-12-14 THIS VOLUME CONSTITUTES THE THIRD OF THREE PARTS OF THE REFEREED PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, CCSIT 2010, HELD IN BANGALORE, INDIA, IN JANUARY 2011. THE 46 REVISED FULL PAPERS PRESENTED IN THIS VOLUME WERE CAREFULLY REVIEWED AND SELECTED. THE PAPERS ARE ORGANIZED IN TOPICAL SECTIONS ON SOFT COMPUTING, SUCH AS AI, NEURAL NETWORKS, FUZZY SYSTEMS, ETC.; DISTRIBUTED AND PARALLEL SYSTEMS AND ALGORITHMS; SECURITY AND INFORMATION ASSURANCE; AD HOC AND UBIQUITOUS COMPUTING; WIRELESS AD HOC NETWORKS AND SENSOR NETWORKS.

UNIFYING ELECTRICAL ENGINEERING AND ELECTRONICS ENGINEERING SONG XING 2013-08-24 UNIFYING ELECTRICAL ENGINEERING AND ELECTRONICS ENGINEERING IS BASED ON THE PROCEEDINGS OF THE 2012 INTERNATIONAL CONFERENCE ON ELECTRICAL AND ELECTRONICS ENGINEERING (ICEE 2012). THIS BOOK COLLECTS THE PEER REVIEWED PAPERS PRESENTED AT THE CONFERENCE. THE AIM OF THE CONFERENCE IS TO UNIFY THE TWO AREAS OF ELECTRICAL AND ELECTRONICS ENGINEERING. THE BOOK EXAMINES TRENDS AND TECHNIQUES IN THE FIELD AS WELL AS THEORIES AND APPLICATIONS. THE EDITORS HAVE CHOSEN TO INCLUDE THE FOLLOWING TOPICS; BIOTECHNOLOGY, POWER ENGINEERING, SUPERCONDUCTIVITY CIRCUITS, ANTENNAS TECHNOLOGY, SYSTEM ARCHITECTURES AND TELECOMMUNICATION.

OFFICIAL GAZETTE OF THE UNITED STATES PATENT AND TRADEMARK OFFICE 2000 TELECOMMUNICATIONS LOCAL NETWORKS W.K. RITCHIE 2012-12-06 CUSTOMER DEMAND FOR AN EVER-WIDER RANGE OF COMMUNICATIONS SERVICES AND EXCITING NEW TECHNOLOGICAL OPTIONS ARE FORCING DEVELOPMENTS IN BOTH THE INTERNATIONAL AND STRATEGIC PLANNING CONTEXTS. THIS VOLUME SURVEYS THOSE DEVELOPMENTS IN BOTH THE INTERNATIONAL AND STRATEGIC PLANNING CONTEXTS.

THE INTERNET OF THINGS LU YAN 2008-03-05 UBIQUITOUS AND PERVASIVE TECHNOLOGIES SUCH AS RFID AND SMART COMPUTING PROMISE A WORLD OF NETWORKED AND INTERCONNECTED DEVICES. EVERYTHING FROM TIRES TO TOOTHBRUSHES COULD SOON BE IN COMMUNICATIONS RANGE, HERALDING THE DAWN OF AN ERA IN WHICH TODAY'S INTERNET OF PEOPLE GIVES WAY TO TOMORROW'S INTERNET OF THINGS-- WHERE BILLIONS OF OBJECTS ARE CONNECTED TO THE INTERNET. **OFFICIAL GAZETTE OF THE UNITED STATES PATENT AND TRADEMARK OFFICE** UNITED STATES. PATENT AND TRADEMARK OFFICE 2001

ECOOP 2006 - OBJECT-ORIENTED PROGRAMMING DAVE THOMAS 2006-09-26 THIS BOOK CONSTITUTES THE REFEREED PROCEEDINGS OF THE 20TH EUROPEAN CONFERENCE ON OBJECT-ORIENTED PROGRAMMING, ECOOP 2006, HELD IN NANTES, FRANCE IN JULY 2006. 20 REVISED FULL PAPERS, TOGETHER WITH 3 KEYNOTE PAPERS WERE CAREFULLY REVIEWED AND SELECTED. THE PAPERS ARE ORGANIZED IN TOPICAL SECTIONS ON PROGRAM QUERY AND PERSISTENCE, OWNERSHIP AND CONCURRENCY, LANGUAGES, TYPE THEORY, TYPES FOR OBJECT-ORIENTED LANGUAGES, TOOLS, AND MODULARITY. 5 MORE PAPERS CELEBRATE THE 20TH ANNIVERSARY OF ECOOP.

DEVELOPMENTS IN WIRELESS NETWORK PROTOTYPING, DESIGN, AND DEPLOYMENT: FUTURE GENERATIONS MATIN, MOHAMMAD A. 2012-06-30 "THIS BOOK HIGHLIGHTS THE CURRENT DESIGN ISSUES IN WIRELESS NETWORKS, INFORMING SCHOLARS AND PRACTITIONERS ABOUT ADVANCED PROTOTYPING INNOVATIONS IN THIS FIELD"--

RFID AS AN INFRASTRUCTURE YAN QIAO 2012-09-14 RFID (RADIO FREQUENCY

IDENTIFICATION) TAGS ARE BECOMING UBIQUITOUSLY AVAILABLE IN OBJECT TRACKING, ACCESS CONTROL, AND TOLL PAYMENT. THE CURRENT APPLICATION MODEL TREATS TAGS SIMPLY AS ID CARRIERS AND DEALS WITH EACH TAG INDIVIDUALLY FOR THE PURPOSE OF IDENTIFYING THE OBJECT THAT THE TAG IS ATTACHED TO. THE UNIQUENESS OF RFID AS AN INFRASTRUCTURE IS TO CHANGE THE TRADITIONAL INDIVIDUAL VIEW TO A COLLECTIVE VIEW THAT TREATS UNIVERSALLY-DEPLOYED TAGS AS A NEW INFRASTRUCTURE, A NEW WIRELESS PLATFORM ON WHICH NOVEL APPLICATIONS CAN BE DEVELOPED. THE BOOK BEGINS WITH AN INTRODUCTION TO THE PROBLEMS OF TAG ESTIMATION AND INFORMATION COLLECTION FROM RFID SYSTEMS, AND EXPLAINS THE CHALLENGES. IT DISCUSSES HOW TO EFFICIENTLY ESTIMATE THE NUMBER OF TAGS IN A LARGE RFID SYSTEM, CONSIDERING BOTH ENERGY COST AND EXECUTION TIME. IT THEN GIVES A DETAILED ACCOUNT ON HOW TO COLLECT INFORMATION FROM A SENSOR-AUGMENTED RFID NETWORK WITH NEW DESIGNS THAT SIGNIFICANTLY REDUCE EXECUTION TIME.

INTELLIGENT SPACES ALAN STEVENTON 2010-05-30 THIS BOOK SETS OUT A VISION OF PervasivE IT THROUGH INTELLIGENT SPACES AND DESCRIBES SOME OF THE PROGRESS THAT HAS BEEN MADE TOWARDS ITS REALISATION. THE CONTEXT FOR INTELLIGENT SPACES (OR ISpaces) IS THE WORLD WHERE INFORMATION AND COMMUNICATION TECHNOLOGY (LCT) DISAPPEARS AS IT BECOMES EMBEDDED INTO PHYSICAL OBJECTS AND THE SPACES IN WHICH WE LIVE AND WORK. THE ULTIMATE VISION IS THAT THIS EMBEDDED TECHNOLOGY PROVIDES US WITH INTELLIGENT AND CONTEXTUALLY RELEVANT SUPPORT, AUGMENTING OUR LIVES AND OUR EXPERIENCE OF THE PHYSICAL WORLD IN A BENIGN AND NON INTRUSIVE MANNER. THE ENORMOUS ADVANCES IN HARDWARE, SYSTEM DESIGN, AND SOFTWARE THAT ARE BEING ACHIEVED ENABLE THIS VISION. IN PARTICULAR, THE PERFORMANCE ADVANCES AND COST REDUCTIONS IN HARDWARE COMPONENTS - PROCESSORS, MEMORY, STORAGE, AND COMMUNICATIONS - ARE MAKING IT POSSIBLE TO EMBED INTELLIGENCE AND COMMUNICATIONS ABILITY INTO LOWER COST OBJECTS. THE INTERNET IS A LIVING EXPERIMENT IN BUILDING COMPLEX, DISTRIBUTED SYSTEMS ON A GLOBAL SCALE. IN SOFTWARE, THERE HAVE BEEN SOLID ADVANCES IN CREATING SYSTEMS THAT CAN DEAL WITH COMPLEXITIES ON THE SCALE REQUIRED TO INTERACT WITH HUMAN ACTIVITY, IN LIMITED DOMAINS AT LEAST. THE ULTIMATE VISION IS CHALLENGING, AND THERE ARE MANY OBSTACLES TO ITS REALISATION. *OFFICIAL GAZETTE OF THE UNITED STATES PATENT OFFICE* UNITED STATES. PATENT OFFICE 1961

SIXTH INTERNATIONAL CONFERENCE ON COGNITIVE MODELING - ICCM - 2004 MARSHA LOVETT 2004 THE INTERNATIONAL CONFERENCE ON COGNITIVE MODELING BRINGS TOGETHER RESEARCHERS WHO DEVELOP COMPUTATIONAL MODELS TO EXPLAIN AND PREDICT COGNITIVE DATA. THE CORE THEME OF THE 2004 CONFERENCE WAS "INTEGRATING COMPUTATIONAL MODELS," ENCOMPASSING AN INTEGRATION OF DIVERSE DATA THROUGH MODELS OF COHERENT PHENOMENA; INTEGRATION ACROSS MODELING APPROACHES; AND INTEGRATION OF TEACHING AND MODELING. THIS TEXT PRESENTS THE PROCEEDINGS OF THAT CONFERENCE. THE INTERNATIONAL CONFERENCE ON COGNITIVE MODELING 2004 SOUGHT TO GROW THE DISCIPLINE OF COMPUTATIONAL COGNITIVE MODELING BY PROVIDING A SOPHISTICATED MODELING AUDIENCE FOR CUTTING-EDGE RESEARCHERS, IN ADDITION TO OFFERING A FORUM FOR INTEGRATING INSIGHTS ACROSS ALTERNATIVE MODELING APPROACHES IN BOTH BASIC RESEARCH AND APPLIED SETTINGS, AND A VENUE FOR PLANNING THE FUTURE GROWTH OF THE DISCIPLINE. THE MEETING INCLUDED A CAREFUL PEER-REVIEW PROCESS OF 6-PAGE PAPER SUBMISSIONS; POSTER-ABSTRACTS TO INCLUDE LATE-BREAKING WORK IN THE AREA; PRIZES FOR BEST PAPERS; A DOCTORAL CONSORTIUM; AND COMPETITIVE MODELING SYMPOSIA THAT COMPARE AND CONTRAST DIFFERENT APPROACHES TO THE SAME PHENOMENA. RFID ESSENTIALS BILL GLOVER 2006-01-19 TAG PROTOCOLS; PROTOCOL TERMS AND CONCEPTS; HOW TAGS STORE DATA; GS1 SGTIN ENCODING; FIND THE HEADER; FIND THE PARTITION; CONCATENATE THE HEADER, FILTER VALUE, AND PARTITION; APPEND THE COMPANY PREFIX, ITEM REFERENCE, AND SERIAL NUMBER; CALCULATE THE CRC AND APPEND THE EPC TO IT; SINGULATION AND ANTI-COLLISION PROCEDURES; SLOTTED ALOHA; ADAPTIVE BINARY TREE; SLOTTED TERMINAL ADAPTIVE COLLECTION (STAC); EPC UHF CLASS I GEN2; TAG MEMORY; INVENTORY COMMANDS; THE SELECT COMMAND; ACCESS COMMANDS; TAG STATES; TAG FEATURES FOR SECURITY AND PRIVACY; DESTROYING AND DISABLING TAGS.

CISCO EXPRESS FORWARDING NAKIA STRINGFIELD 2007-04-24 CISCO EXPRESS FORWARDING UNDERSTANDING AND TROUBLESHOOTING CEF IN CISCO ROUTERS AND SWITCHES NAKIA STRINGFIELD, CCIE No. 13451 RUSS WHITE, CCIE No. 2635 STACIA MCKEE HOW DOES A ROUTER SWITCH A PACKET? WHAT IS THE DIFFERENCE BETWEEN ROUTING A PACKET, SWITCHING A FRAME, AND PACKET SWITCHING? WHAT IS THE CISCO EXPRESS FORWARDING (CEF) FEATURE REFERRED TO IN CISCO DOCUMENTATION AND COMMONLY FOUND IN CISCO IOS COMMANDS? CEF IS A GENERAL TERM THAT DESCRIBES THE MECHANISM BY WHICH CISCO ROUTERS AND CATALYST SWITCHES PACKET-SWITCH (ROUTE) FRAMES. CEF IS FOUND IN ALMOST ALL CISCO ROUTERS AND CATALYST SWITCHES, AND UNDERSTANDING HOW CEF OPERATES CAN IMPROVE THE PERFORMANCE, SCALABILITY, AND EFFICIENCY OF YOUR NETWORK. CISCO EXPRESS FORWARDING DEMYSTIFIES THE INTERNAL WORKINGS OF CISCO ROUTERS AND SWITCHES, MAKING IT EASIER FOR YOU TO OPTIMIZE PERFORMANCE AND TROUBLESHOOT ISSUES THAT ARISE IN CISCO NETWORK ENVIRONMENTS. THIS BOOK ADDRESSES COMMON MISCONCEPTIONS ABOUT CEF AND PACKET SWITCHING ACROSS VARIOUS PLATFORMS, HELPING YOU TO IMPROVE YOUR TROUBLESHOOTING SKILLS FOR CEF- AND NON-CEF-RELATED PROBLEMS. THE FIRST PART OF THE BOOK PROVIDES AN OVERVIEW OF PACKET-SWITCHING ARCHITECTURES AND CEF OPERATION AND ADVANCED FEATURES. IT ALSO COVERS THE ENHANCED CEF STRUCTURE AND GENERAL TROUBLESHOOTING. THE SECOND PART OF THE BOOK PROVIDES CASE STUDIES THAT FOCUS ON THE COMMON TOPICS THAT HAVE BEEN PROBLEMATIC FOR CUSTOMERS AND THOSE SUPPORTING CISCO NETWORKS. FULL OF PRACTICAL EXAMPLES AND CONFIGURATIONS, THIS BOOK DRAWS ON YEARS OF EXPERIENCE TO HELP YOU KEEP YOUR CISCO NETWORKS RUNNING EFFICIENTLY. NAKIA STRINGFIELD, CCIE No. 13451, IS A NETWORK CONSULTING ENGINEER FOR ADVANCED SERVICES AT CISCO, SUPPORTING TOP FINANCIAL CUSTOMERS WITH NETWORK DESIGN AND APPLYING BEST PRACTICES. SHE WAS FORMERLY A SENIOR CUSTOMER SUPPORT ENGINEER FOR THE ROUTING PROTOCOLS TECHNICAL ASSISTANCE CENTER (TAC) TEAM TROUBLESHOOTING ISSUES RELATED TO CEF AND ROUTING PROTOCOLS. NAKIA HAS BEEN WITH CISCO FOR MORE THAN SIX YEARS, PREVIOUSLY SERVING AS A TECHNICAL LEADER FOR THE ARCHITECTURE TAC TEAM. RUSS WHITE, CCIE No. 2635, IS A PRINCIPLE ENGINEER IN THE ROUTING PROTOCOL DESIGN AND ARCHITECTURE TEAM AT CISCO. HE IS A

MEMBER OF THE IETF ROUTING AREA DIRECTORATE, CO-CHAIR OF THE ROUTING PROTOCOLS SECURITY WORKING GROUP IN THE IETF, A REGULAR SPEAKER AT CISCO NETWORKERS, A MEMBER OF THE CCIE CONTENT ADVISORY GROUP, AND THE COAUTHOR OF SIX OTHER BOOKS ABOUT ROUTING AND ROUTING PROTOCOLS, INCLUDING OPTIMAL ROUTING DESIGN FROM CISCO PRESS. RUSS PRIMARILY WORKS IN THE DEVELOPMENT OF NEW FEATURES AND DESIGN ARCHITECTURES FOR ROUTING PROTOCOLS. STACIA MCKEE IS A CUSTOMER SUPPORT ENGINEER AND TECHNICAL LEADER OF THE ROUTING PROTOCOLS TECHNICAL ASSISTANCE CENTER (TAC) TEAM. THIS TEAM FOCUSES ON PROVIDING POST-SALES SUPPORT OF IP ROUTING PROTOCOLS, MPLS, QoS, IP MULTICAST, AND MANY OTHER LAYER 3 TECHNOLOGIES. STACIA HAS BEEN WITH CISCO FOR MORE THAN SIX YEARS, PREVIOUSLY SERVING AS A TECHNICAL LEADER OF THE ARCHITECTURE TAC TEAM AND A MEMBER OF THE WAN/ACCESS TAC TEAM. LEARN THE KEY FEATURES OF PACKET-SWITCHING ARCHITECTURES UNDERSTAND THE BASICS OF THE CEF ARCHITECTURE AND OPERATION EXAMINE THE ENHANCED CEF STRUCTURE, WHICH IMPROVES SCALABILITY LEARN HOW TO TROUBLESHOOT IN SOFTWARE-SWITCHING ENVIRONMENTS UNDERSTAND THE EFFECT OF CEF ON A CISCO CATALYST 6500 SUPERVISOR 720 CONFIGURE AND TROUBLESHOOT LOAD SHARING WITH CEF EVALUATE THE EFFECT OF CEF IN AN MPLS VPN ENVIRONMENT REVIEW CEF DESIGN CONSIDERATIONS THAT IMPACT SCALABILITY PART I UNDERSTANDING, CONFIGURING, AND TROUBLESHOOTING CEF CHAPTER 1 INTRODUCTION TO PACKET-SWITCHING ARCHITECTURES CHAPTER 2 UNDERSTANDING CISCO EXPRESS FORWARDING CHAPTER 3 CEF ENHANCED SCALABILITY CHAPTER 4 BASIC IP CONNECTIVITY AND CEF TROUBLESHOOTING PART II CEF CASE STUDIES CHAPTER 5 UNDERSTANDING PACKET SWITCHING ON THE CISCO CATALYST 6500 SUPERVISOR 720 CHAPTER 6 LOAD SHARING WITH CEF CHAPTER 7 UNDERSTANDING CEF IN AN MPLS VPN ENVIRONMENT PART III APPENDIX APPENDIX A SCALABILITY THIS BOOK IS PART OF THE NETWORKING TECHNOLOGY SERIES FROM CISCO PRESS, WHICH OFFERS NETWORKING PROFESSIONALS VALUABLE INFORMATION FOR CONSTRUCTING EFFICIENT NETWORKS, UNDERSTANDING NEW TECHNOLOGIES, AND BUILDING SUCCESSFUL CAREERS. CATEGORY: NETWORKING COVERS: ROUTING AND SWITCHING 1587052369

THE KBMT PROJECT KENNETH GOODMAN 1991-07-15 MACHINE TRANSLATION OF NATURAL LANGUAGES IS ONE OF THE MOST COMPLEX AND COMPREHENSIVE APPLICATIONS OF COMPUTATIONAL LINGUISTICS AND ARTIFICIAL INTELLIGENCE. THIS IS ESPECIALLY TRUE OF KNOWLEDGE-BASED MACHINE TRANSLATION (KBMT) SYSTEMS, WHICH REQUIRE MANY KNOWLEDGE RESOURCES AND PROCESSING MODULES TO CARRY OUT THE NECESSARY LEVELS OF ANALYSIS, REPRESENTATION AND GENERATION OF MEANING AND FORM. THE NUMBER OF REAL-WORLD PROBLEMS, TASKS, AND SOLUTIONS INVOLVED IN DEVELOPING ANY REALISTIC-SIZE KNOWLEDGE-BASED MACHINE TRANSLATION SYSTEM IS ENORMOUS. IT IS THUS DIFFICULT FOR RESEARCHERS IN THE FIELD TO LEARN WHAT A SYSTEM "REALLY DOES". THIS BOOK FILLS THAT NEED WITH A DETAILED CASE STUDY OF A KBMT SYSTEM IMPLEMENTED AT THE CENTER FOR MACHINE TRANSLATION AT CARNEGIE MELLON UNIVERSITY. THE RESEARCH CONSISTS IN PART OF THE CREATION OF A SYSTEM FOR TRANSLATION BETWEEN ENGLISH AND JAPANESE. THE CORPORA USED IN THE PROJECT WERE MANUALS FOR INSTALLING AND MAINTAINING IBM PERSONAL COMPUTERS (SPONSORSHIP BY IBM, THROUGH ITS TOKYO RESEARCH LABORATORY) INDIVIDUAL CHAPTERS DESCRIBE THE INTERLINGUA TEXTS USED IN KNOWLEDGE-BASED MACHINE TRANSLATION, THE GRAMMAR FORMALISM EMBODIED IN THE SYSTEM, THE GRAMMARS AND LEXICONS AND THEIR ROLES IN THE TRANSLATION PROCESS, THE PROCESS OF SOURCE LANGUAGE ANALYSIS, AN AUGMENTATION MODULE THAT INTERACTIVELY AND AUTOMATICALLY RESOLVES AMBIGUITIES REMAINING AFTER SOURCE LANGUAGE ANALYSIS, AND THE GENERATOR, WHICH PRODUCES TARGET LANGUAGE SENTENCES. DETAILED APPENDICES ILLUSTRATE THE PROCESS FROM ANALYSIS THROUGH GENERATION. THIS BOOK IS INTENDED FOR DEVELOPERS, RESEARCHERS AND ADVANCED STUDENTS IN NATURAL LANGUAGE PROCESSING AND COMPUTATIONAL LINGUISTICS, INCLUDING ALL THOSE WHO HAVE AN INTEREST IN MACHINE TRANSLATION AND MACHINE-AIDED TRANSLATION.

ALGORITHMS—ADVANCES IN RESEARCH AND APPLICATION: 2013 EDITION 2013-06-21 ALGORITHMS—ADVANCES IN RESEARCH AND APPLICATION: 2013 EDITION IS A SCHOLARLY EDITIONS book that delivers timely, authoritative, and comprehensive information about COLORING ALGORITHM. THE EDITORS HAVE BUILT ALGORITHMS—ADVANCES IN RESEARCH AND APPLICATION: 2013 EDITION ON THE VAST INFORMATION DATABASES OF SCHOLARLYNEWS. YOU CAN EXPECT THE INFORMATION ABOUT COLORING ALGORITHM IN THIS BOOK TO BE DEEPER THAN WHAT YOU CAN ACCESS ANYWHERE ELSE, AS WELL AS CONSISTENTLY RELIABLE, AUTHORITATIVE, INFORMED, AND RELEVANT. THE CONTENT OF ALGORITHMS—ADVANCES IN RESEARCH AND APPLICATION: 2013 EDITION HAS BEEN PRODUCED BY THE WORLD'S LEADING SCIENTISTS, ENGINEERS, ANALYSTS, RESEARCH INSTITUTIONS, AND COMPANIES. ALL OF THE CONTENT IS FROM PEER-REVIEWED SOURCES, AND ALL OF IT IS WRITTEN, ASSEMBLED, AND EDITED BY THE EDITORS AT SCHOLARLY EDITIONS AND AVAILABLE EXCLUSIVELY FROM US. YOU NOW HAVE A SOURCE YOU CAN CITE WITH AUTHORITY, CONFIDENCE, AND CREDIBILITY. MORE INFORMATION IS AVAILABLE AT [HTTP://WWW.SCHOLARLYEDITIONS.COM/](http://www.ScholarlyEditions.com/).

CYBERSPACE SAFETY AND SECURITY YANG XIANG 2012-12-02 THIS BOOK CONSTITUTES THE REFEREED PROCEEDINGS OF THE 4TH INTERNATIONAL SYMPOSIUM ON CYBERSPACE SAFETY AND SECURITY (CSS 2012), HELD IN MELBOURNE, AUSTRALIA, IN DECEMBER 2012. THE 30 REVISED FULL PAPERS PRESENTED TOGETHER WITH 7 INVITED TALKS WERE CAREFULLY REVIEWED AND SELECTED FROM 105 SUBMISSIONS. THE PAPERS COVER THE FOLLOWING TOPICS: MOBILE SECURITY, CYBERSPACE ATTACKS AND DEFENSE, SECURITY APPLICATION AND SYSTEMS, NETWORK AND CLOUD SECURITY, WIRELESS SECURITY, SECURITY PROTOCOLS AND MODELS.

CACHE AND MEMORY HIERARCHY DESIGN STEVEN A. PRZYBYLSKI 1990 A WIDELY READ AND AUTHORITATIVE BOOK FOR HARDWARE AND SOFTWARE DESIGNERS. THIS INNOVATIVE BOOK EXPOSES THE CHARACTERISTICS OF PERFORMANCE-OPTIMAL SINGLE- AND MULTI-LEVEL CACHE HIERARCHIES BY APPROACHING THE CACHE DESIGN PROCESS THROUGH THE NOVEL PERSPECTIVE OF MINIMIZING EXECUTION TIME.

THE CONSTRUCTION OF DISCOURSE AS VERBAL INTERACTION MAR A DE LOS ANGELES GONZALEZ 2018-09-20 THIS EDITED VOLUME SHOWCASES NEW WORK ON DISCOURSE ANALYSIS BY BIG NAMES IN THE FIELD AND PROMISING EARLY-CAREER RESEARCHERS. ARISING FROM THE LATEST IN THE SERIES OF IWODA WORKSHOPS IN SANTIAGO DE COMPOSTELA, IT PROVIDES NOVEL INSIGHTS INTO BOTH THE EXPLICIT AND THE IMPLICIT CHARACTERISTICS OF DISCOURSE AS USED IN VERBAL INTERACTION. DISCOURSE MARKERS, AS

THEIR NAME INDICATES, ARE AMONG THE EXPLICIT SIGNALS OF COHERENCE, WHILE DISCOURSE RELATIONS MAY BE EITHER EXPLICIT OR IMPLICIT. SIMILARLY, THE DISCOURSE USED FOR PURPOSES OF EVALUATION, STANCE-TAKING AND INTERPERSONAL ENGAGEMENT IS EITHER OVERT OR COVERT, AS IS ALSO TRUE OF THE EXPRESSION OF EMOTIONS AND EMPATHY. THIS, IN GENERAL TERMS, IS THE CHALLENGING TERRAIN INTO WHICH THE CONTRIBUTORS TO THIS VOLUME HAVE VENTURED. THE BOOK COMBINES THEORETICAL ISSUES WITH A PRACTICAL ORIENTATION, COMPARING LANGUAGES, ANALYSING DIFFERENT REGISTERS, STUDYING THE OPENINGS OF SKYPE CONVERSATIONS, AND MUCH MORE BESIDES; IT WILL PROVE HIGHLY RELEVANT FOR POSTGRADUATE AND ADVANCED PRACTITIONERS OF DISCOURSE ANALYSIS, INTERACTION STUDIES, SEMANTICS AND PRAGMATICS.

THE RF IN RFID DANIEL M. DOBKIN 2012-11-01 THIS BOOK EXPLAINS HOW UHF TAGS AND READERS COMMUNICATE WIRELESSLY. IT GIVES AN UNDERSTANDING OF WHAT LIMITS THE READ RANGE OF A TAG, HOW TO INCREASE IT (AND WHY THAT MIGHT RESULT IN BREAKING THE LAW), AND THE PRACTICAL THINGS THAT NEED TO BE ADDRESSED WHEN DESIGNING AND IMPLEMENTING RFID TECHNOLOGY. AVOIDING HEAVY MATH BUT GIVING BREADTH OF COVERAGE WITH THE RIGHT AMOUNT OF DETAIL, IT IS AN IDEAL INTRODUCTION TO RADIO COMMUNICATIONS FOR ENGINEERS WHO NEED INSIGHT INTO HOW TAGS AND READERS WORK. NEW TO THIS EDITION: • EXAMPLES OF NEAR-METAL ANTENNA TECHNIQUES • DISCUSSION OF THE WAKEUP CHALLENGE FOR BATTERY-ASSISTED TAGS, WITH A BAT ARCHITECTURE EXAMPLE • LATEST DEVELOPMENT OF PROTOCOLS: EPC GEN 1.2.0 • UPDATE 18000-6 DISCUSSION WITH BATTERY-ASSISTED TAGS, SENSOR TAGS, MANCHESTER TAGS AND WAKEUP PROVISIONS NAMED A 2012 NOTABLE COMPUTER BOOK FOR COMPUTER SYSTEMS ORGANIZATION BY COMPUTING REVIEWS THE ONLY BOOK TO GIVE AN UNDERSTANDING OF RADIO COMMUNICATIONS, THE UNDERLYING TECHNOLOGY FOR RADIO FREQUENCY IDENTIFICATION (RFID) PRAISED FOR ITS READABILITY AND CLARITY, IT BALANCES BREADTH AND DEPTH OF COVERAGE NEW EDITION INCLUDES LATEST DEVELOPMENTS IN CHIP TECHNOLOGY, ANTENNAS AND PROTOCOLS

EMERGING DIRECTIONS IN EMBEDDED AND UBIQUITOUS COMPUTING MIESO DENKO 2007-11-27 THIS BOOK CONSTITUTES THE REFEREED PROCEEDINGS OF THE EUC 2007 WORKSHOPS HELD IN CONJUNCTION WITH THE IFIP INTERNATIONAL CONFERENCE ON EMBEDDED AND UBIQUITOUS COMPUTING, EUC 2007, IN TAIPEI, TAIWAN, IN DECEMBER 2007. THE 69 REVISED FULL PAPERS PRESENTED TOGETHER WITH FOUR INVITED PAPERS WERE CAREFULLY REVIEWED AND SELECTED FROM ABOUT 200 SUBMISSIONS TO THE SEVEN WORKSHOPS. A BROAD RANGE OF TOPICS ARE COVERED.

MEMORY SYSTEMS BRUCE JACOB 2010-07-28 IS YOUR MEMORY HIERARCHY STOPPING YOUR MICROPROCESSOR FROM PERFORMING AT THE HIGH LEVEL IT SHOULD BE? MEMORY SYSTEMS: CACHE, DRAM, DISK SHOWS YOU HOW TO RESOLVE THIS PROBLEM. THE BOOK TELLS YOU EVERYTHING YOU NEED TO KNOW ABOUT THE LOGICAL DESIGN AND OPERATION, PHYSICAL DESIGN AND OPERATION, PERFORMANCE CHARACTERISTICS AND RESULTING DESIGN TRADE-OFFS, AND THE ENERGY CONSUMPTION OF MODERN MEMORY HIERARCHIES. YOU LEARN HOW TO TACKLE THE CHALLENGING OPTIMIZATION PROBLEMS THAT RESULT FROM THE SIDE-EFFECTS THAT CAN APPEAR AT ANY POINT IN THE ENTIRE HIERARCHY. AS A RESULT YOU WILL BE ABLE TO DESIGN AND EMULATE THE ENTIRE MEMORY HIERARCHY. UNDERSTAND ALL LEVELS OF THE SYSTEM HIERARCHY -XCACHE, DRAM, AND DISK. EVALUATE THE SYSTEM-LEVEL EFFECTS OF ALL DESIGN CHOICES. MODEL PERFORMANCE AND ENERGY CONSUMPTION FOR EACH COMPONENT IN THE MEMORY HIERARCHY.

ELECTRIC, ELECTRONIC AND CONTROL ENGINEERING FUN SHAO 2015-07-03 ELECTRIC, ELECTRONIC AND CONTROL ENGINEERING CONTAINS THE CONTRIBUTIONS PRESENTED AT THE 2015 INTERNATIONAL CONFERENCE ON ELECTRIC, ELECTRONIC AND CONTROL ENGINEERING (ICEECE 2015, PHUKET ISLAND, THAILAND, 5-6 MARCH 2015). THE BOOK IS DIVIDED INTO FOUR MAIN TOPICS: - ELECTRIC AND ELECTRONIC ENGINEERING - MECHANIC AND CONTROL ENGINEERING - INFORMATI

COMPUTER ORGANISATION AND ARCHITECTURE B.S. CHALK 2017-03-14 THIS BOOK DESCRIBES HOW A COMPUTER WORKS AND EXPLAINS HOW THE VARIOUS HARDWARE COMPONENTS ARE ORGANIZED AND INTERCONNECTED TO PROVIDE A PLATFORM UPON WHICH PROGRAMS CAN BE EXECUTED. IT TAKES A SIMPLE, STEP-BY-STEP APPROACH SUITABLE FOR FIRST YEAR UNDERGRADUATES COMING TO THE SUBJECT FOR THE FIRST TIME. THE SECOND EDITION OF THIS BOOK HAS BEEN THOROUGHLY UPDATED TO COVER NEW DEVELOPMENTS IN THE FIELD AND INCLUDES NEW DIAGRAMS AND END-OF-CHAPTER EXERCISES. IT WILL ALSO BE ACCOMPANIED BY A LECTURER AND STUDENT WEB SITE WHICH WILL CONTAIN SOLUTIONS TO EXERCISES, FURTHER EXERCISES, POWERPOINT SLIDES AND ALL THE SOURCE CODE USED IN THE BOOK.

WIRELESS-POWERED BACKSCATTER COMMUNICATIONS FOR INTERNET OF THINGS FURQAN JAMEEL 2020-06-26 THIS BOOK PROVIDES AND ASSESSES THE TECHNIQUES REQUIRED FOR THE REALIZATION OF PRACTICAL WIRELESS-POWERED BACKSCATTER SYSTEMS FOR LARGE-SCALE AND INTELLIGENT IoT NETWORKS. IT EXPLORES THE DEPLOYMENT, RELIABILITY, AND SECURITY ASPECTS OF BACKSCATTER DEVICES FOR BOTH INDOOR AND OUTDOOR ENVIRONMENTS. THE BOOK ALSO SHEDS LIGHT ON SOME OF THE RECENTLY EVOLVING TECHNOLOGIES SUCH AS ARTIFICIAL INTELLIGENCE/ MACHINE LEARNING, NON-ORTHOGONAL MULTIPLE ACCESS (NOMA), AND MULTI-TONE CARRIER TECHNIQUES AND IDENTIFIES THEIR APPLICATION IN BACKSCATTER COMMUNICATIONS. IN ADDITION, IT OFFERS A VALUABLE BLUEPRINT FOR FUTURE STUDIES IN THE DOMAINS OF INTELLIGENT REFLECTIVE SURFACES, AMBIENT BACKSCATTER COMMUNICATIONS AND MASSIVE IoT NETWORKS.

DIGITAL SIGNAL PROCESSING FOR RFID FENG ZHENG 2016-05-02 THIS BOOK DISCUSSES

THE FUNDAMENTALS OF RFID AND THE STATE-OF-THE-ART RESEARCH RESULTS IN SIGNAL PROCESSING FOR RFID, INCLUDING MIMO, BLIND SOURCE SEPARATION, ANTI-COLLISION, LOCALIZATION, COVERT RFID AND CHIPLESS RFID. AIMED AT GRADUATE STUDENTS AS WELL AS ACADEMIC AND PROFESSIONAL RESEARCHERS/ENGINEERS IN RFID TECHNOLOGY, IT ENABLES READERS TO BECOME CONVERSANT WITH THE LATEST THEORY AND APPLICATIONS OF SIGNAL PROCESSING FOR RFID. KEY FEATURES: PROVIDES A SYSTEMATIC AND COMPREHENSIVE INSIGHT INTO THE APPLICATION OF MODERN SIGNAL PROCESSING TECHNIQUES FOR RFID SYSTEMS DISCUSSES THE OPERATING PRINCIPLES, CHANNEL MODELS OF RFID, RFID PROTOCOLS AND ANALOG/DIGITAL FILTER DESIGN FOR RFID EXPLORES RFID-ORIENTED MODULATION SCHEMES AND THEIR PERFORMANCE HIGHLIGHTS RESEARCH FIELDS SUCH AS MIMO FOR RFID, BLIND SIGNAL PROCESSING FOR RFID, ANTI-COLLISION OF MULTIPLE RFID TAGS, LOCALIZATION WITH RFID, COVERT RFID AND CHIPLESS RFID CONTAINS TABLES, ILLUSTRATIONS AND DESIGN EXAMPLES

WIRELESS COMMUNICATION AND NETWORK AKIRA NAMATAME 2015-11-30 THIS BOOK IS A COLLECTION OF ALL PAPERS PRESENTED AT THE 2015 INTERNATIONAL WORKSHOP ON WIRELESS COMMUNICATION AND NETWORK (IW/WCN 2015), WHICH WAS HELD ON AUGUST 21-23, 2015 IN KUNMING, YUNNAN, CHINA. THE BOOK PROVIDES CUTTING-EDGE DEVELOPMENT AND SIGNIFICATION CONTRIBUTIONS TO ALL MAJOR FIELDS OF WIRELESS COMMUNICATION AND NETWORK. THE BOOK WILL BENEFIT GLOBAL RESEARCHERS AND PRACTITIONERS IN THE FIELD. CONTENTS: META HEURISTICS AND DATA MINING INTELLIGENT SENSORS AND ACTUATORS VISION SYSTEMS & MULTI MEDIA APPLICATIONS 4G COMMUNICATION & NETWORKS CLOUD COMPUTING READERSHIP: GRADUATE STUDENTS, ACADEMICS AND RESEARCHERS IN THE FIELD OF WIRELESS COMMUNICATION AND NETWORK. KEYWORDS: PHY AND FUNDAMENTALS; MAC AND CROSS-LAYER DESIGN; MOBILE AND WIRELESS NETWORKS; SERVICES; APPLICATIONS; BUSINESS

ESSENTIALS OF COMPUTER ARCHITECTURE, SECOND EDITION DOUGLAS COMER 2017-01-06 THIS EASY TO READ TEXTBOOK PROVIDES AN INTRODUCTION TO COMPUTER ARCHITECTURE, WHILE FOCUSING ON THE ESSENTIAL ASPECTS OF HARDWARE THAT PROGRAMMERS NEED TO KNOW. THE TOPICS ARE EXPLAINED FROM A PROGRAMMER'S POINT OF VIEW, AND THE TEXT EMPHASIZES CONSEQUENCES FOR PROGRAMMERS. DIVIDED IN FIVE PARTS, THE BOOK COVERS THE BASICS OF DIGITAL LOGIC, GATES, AND DATA PATHS, AS WELL AS THE THREE PRIMARY ASPECTS OF ARCHITECTURE: PROCESSORS, MEMORIES, AND I/O SYSTEMS. THE BOOK ALSO COVERS ADVANCED TOPICS OF PARALLELISM, PIPELINING, POWER AND ENERGY, AND PERFORMANCE. A HANDS-ON LAB IS ALSO INCLUDED. THE SECOND EDITION CONTAINS THREE NEW CHAPTERS AS WELL AS CHANGES AND UPDATES THROUGHOUT.

TRANSFER LEARNING QIANG YANG 2020-01-31 TRANSFER LEARNING DEALS WITH HOW SYSTEMS CAN QUICKLY ADAPT THEMSELVES TO NEW SITUATIONS, TASKS AND ENVIRONMENTS. IT GIVES MACHINE LEARNING SYSTEMS THE ABILITY TO LEVERAGE AUXILIARY DATA AND MODELS TO HELP SOLVE TARGET PROBLEMS WHEN THERE IS ONLY A SMALL AMOUNT OF DATA AVAILABLE. THIS MAKES SUCH SYSTEMS MORE RELIABLE AND ROBUST, KEEPING THE MACHINE LEARNING MODEL FACED WITH UNFORESEEABLE CHANGES FROM DEVIATING TOO MUCH FROM EXPECTED PERFORMANCE. AT AN ENTERPRISE LEVEL, TRANSFER LEARNING ~~ALLOWS KNOWLEDGE TO BE REUSED SO PERFORMANCE CAN BE AUTOMATICALLY ADAPTED TO THE REAL WORLD.~~ FOR EXAMPLE, A PRE-TRAINED MODEL THAT TAKES ACCOUNT OF USER PRIVACY CAN BE DOWNLOADED AND ADAPTED AT THE EDGE OF A COMPUTER NETWORK. THIS SELF-CONTAINED, COMPREHENSIVE REFERENCE TEXT DESCRIBES THE STANDARD ALGORITHMS AND DEMONSTRATES HOW THESE ARE USED IN DIFFERENT TRANSFER LEARNING PARADIGMS. IT OFFERS A SOLID GROUNDING FOR NEWCOMERS AS WELL AS NEW INSIGHTS FOR SEASONED RESEARCHERS AND DEVELOPERS.

INTERNET OF THINGS YONGHENG WANG 2012-07-27 THIS BOOK CONSTITUTES THE REFEREED PROCEEDINGS OF THE INTERNATIONAL WORKSHOP ON INTERNET OF THINGS, IOT 2012, HELD IN CHANGSHA, CHINA, DURING AUGUST 17-19. THE 95 REVISED FULL PAPERS PRESENTED WERE CAREFULLY REVIEWED AND SELECTED FROM NUMEROUS SUBMISSIONS. THE PAPERS ARE ORGANIZED IN TOPICAL SECTIONS ON WIRELESS SENSOR NETWORKS; RFID; SENSORS AND EQUIPMENTS; DATA PROCESSING; SECURITY; APPLICATIONS AND OTHERS.

GARY A. DUNNING 2013-03-11 INTRODUCTION TO THE CONTROLLOGIX PROGRAMMABLE AUTOMATION CONTROLLER USING RSLOGIX 5000 SOFTWARE: WITH LABS, 4E ENABLES READERS TO MASTER CONTROLLOGIX SOFTWARE WITH EASE. USING ITS SIGNATURE HANDS-ON LAB EXERCISES THAT DEMONSTRATE PROGRAMMABLE LOGIC CONTROLLERS, THIS VERSATILE GUIDE WALKS READERS STEP-BY-STEP THROUGH RSLOGIX 5000 SOFTWARE FROM HARDWARE CONFIGURATION, TO PROGRAMMING BASIC INSTRUCTIONS AND FEATURES, TO RSLINX COMMUNICATIONS. PLUS, THIS EDITION FEATURES MANUFACTURER-SPECIFIC ILLUSTRATIONS AND RSLOGIX SCREENSHOTS TO TEACH KEY CONCEPTS. IMPORTANT NOTICE: MEDIA CONTENT REFERENCED WITHIN THE PRODUCT DESCRIPTION OR THE PRODUCT TEXT MAY NOT BE AVAILABLE IN THE EBOOK VERSION.

SECURITY AND TRENDS IN WIRELESS IDENTIFICATION AND SENSING PLATFORM TAGS: ADVANCEMENTS IN RFID LOPEZ, PEDRO PERIS 2012-08-31 "THIS BOOK HIGHLIGHTS NEW RESEARCH REGARDING WIRELESS IDENTIFICATION AND SENSING PLATFORM (WISP) TAGS, SECURITY, AND APPLICATIONS, SERVING AS A REFERENCE ON WISP TECHNOLOGY AND PRESENTING RECENT ADVANCES IN THIS FIELD"--PROVIDED BY PUBLISHER.

SPECIFICATIONS AND DRAWINGS OF PATENTS ISSUED FROM THE U.S. PATENT OFFICE UNITED STATES. PATENT OFFICE 1874