

Data And Computer Communications 9th Edition Solution Manual

GETTING THE BOOKS **DATA AND COMPUTER COMMUNICATIONS 9TH EDITION SOLUTION MANUAL** NOW IS NOT TYPE OF CHALLENGING MEANS. YOU COULD NOT ONLY GOING CONSIDERING EBOOK GROWTH OR LIBRARY OR BORROWING FROM YOUR LINKS TO APPROACH THEM. THIS IS AN VERY EASY MEANS TO SPECIFICALLY ACQUIRE LEAD BY ON-LINE. THIS ONLINE DECLARATION **DATA AND COMPUTER COMMUNICATIONS 9TH EDITION SOLUTION MANUAL** CAN BE ONE OF THE OPTIONS TO ACCOMPANY YOU BEHIND HAVING ADDITIONAL TIME.

IT WILL NOT WASTE YOUR TIME. AGREE TO ME, THE E-BOOK WILL CATEGORICALLY MAKE PUBLIC YOU FURTHER ISSUE TO READ. JUST INVEST LITTLE ERA TO RIGHT OF ENTRY THIS ON-LINE PROCLAMATION **DATA AND COMPUTER COMMUNICATIONS 9TH EDITION SOLUTION MANUAL** AS WITH EASE AS REVIEW THEM WHEREVER YOU ARE NOW.

NUMERICAL ANALYSIS - RICHARD L. BURDEN 2010-08-09

THIS WELL-RESPECTED TEXT GIVES AN INTRODUCTION TO THE THEORY AND APPLICATION OF MODERN NUMERICAL APPROXIMATION TECHNIQUES FOR STUDENTS TAKING A ONE- OR TWO- SEMESTER COURSE IN NUMERICAL ANALYSIS. WITH AN ACCESSIBLE TREATMENT THAT ONLY REQUIRES A CALCULUS PREREQUISITE, BURDEN AND FAIRES EXPLAIN HOW, WHY, AND WHEN APPROXIMATION TECHNIQUES CAN BE EXPECTED TO WORK, AND WHY, IN SOME SITUATIONS, THEY FAIL. A WEALTH OF EXAMPLES AND EXERCISES DEVELOP STUDENTS' INTUITION, AND DEMONSTRATE THE SUBJECT'S PRACTICAL APPLICATIONS TO IMPORTANT EVERYDAY PROBLEMS IN MATH, COMPUTING, ENGINEERING, AND PHYSICAL SCIENCE DISCIPLINES. THE FIRST BOOK OF ITS KIND BUILT FROM THE GROUND UP TO SERVE A DIVERSE UNDERGRADUATE AUDIENCE, THREE DECADES LATER BURDEN AND FAIRES REMAINS THE DEFINITIVE INTRODUCTION TO A VITAL AND PRACTICAL SUBJECT. IMPORTANT NOTICE: MEDIA CONTENT REFERENCED WITHIN THE PRODUCT DESCRIPTION OR THE PRODUCT TEXT MAY NOT BE AVAILABLE IN THE EBOOK VERSION.

MINDXPRES: CONCEPTUAL AND TECHNICAL FOUNDATIONS FOR NEXT GENERATION PRESENTATION SOLUTIONS - REINOUT ROELS 2019-05-27

PRESENTATION TOOLS SUCH AS POWERPOINT WERE INITIALLY CREATED TO SIMULATE PHYSICAL SLIDES AND HAVE INHERITED A LOT OF THEIR LIMITATIONS. IN THIS DISSERTATION WE IDENTIFY THE SHORTCOMINGS AND UNMET USER NEEDS IN PRESENTATION SOFTWARE BY MEANS OF LITERATURE STUDY, OBSERVATIONS, A SURVEY AND THE PROGRAMMATIC ANALYSIS OF OVER 12000 POWERPOINT DOCUMENTS. THE RESULTS INDICATE THAT USER NEEDS ARE SLOWLY EVOLVING WHILE EXISTING SOFTWARE HAS HARDLY CHANGED OVER THE LAST 30 YEARS. WE MOTIVATE THE NEED TO RETHINK THE CONCEPT OF A PRESENTATION AND WE PROVIDE CONCEPTUAL AND TECHNICAL FOUNDATIONS THAT CAN ENABLE INTEROPERABLE AND WELL-INTEGRATED SOLUTIONS FOR THE IDENTIFIED SHORTCOMINGS. THE RESULTING MINDXPRES PLATFORM CONSISTS OF A NEW CONCEPTUAL FRAMEWORK, CONTENT MODEL, INFORMATION SYSTEM AND PRESENTATION ENGINE. WE PRESENT MINDXPRES AS A PRESENTATION PLATFORM THAT ENABLES RESEARCHERS AND DEVELOPERS TO BUILD INNOVATIVE PRESENTATION SOLUTIONS THAT CANNOT BE IMPLEMENTED IN THE EXISTING TOOLS. WE FURTHER DEMONSTRATE THE FLEXIBILITY OF THE MINDXPRES PLATFORM BY DISCUSSING A WIDE RANGE OF PROOF-OF-CONCEPT PLUG-IN SOLUTIONS FOR THE IDENTIFIED SHORTCOMINGS AND UNMET USER NEEDS.

EVOLVING APPLICATION DOMAINS OF DATA WAREHOUSING AND MINING: TRENDS AND SOLUTIONS - FURTADO, PEDRO NUNO SAN-BANTO 2009-09-30

"THIS BOOK PROVIDES INSIGHT INTO THE LATEST FINDINGS CONCERNING DATA WAREHOUSING, DATA MINING, AND THEIR APPLICATIONS IN EVERYDAY HUMAN ACTIVITIES"--PROVIDED BY PUBLISHER.

THEORY AND PRACTICE OF CRYPTOGRAPHY SOLUTIONS FOR SECURE INFORMATION SYSTEMS - ELI I, ATILLA 2013-05-31

INFORMATION SYSTEMS (IS) ARE A NEARLY OMNIPRESENT ASPECT OF THE MODERN WORLD, PLAYING CRUCIAL ROLES IN THE FIELDS OF SCIENCE AND ENGINEERING, BUSINESS AND LAW, ART AND CULTURE, POLITICS AND GOVERNMENT, AND MANY OTHERS. AS SUCH, IDENTITY THEFT AND UNAUTHORIZED ACCESS TO THESE SYSTEMS ARE SERIOUS CONCERNS. THEORY AND PRACTICE OF CRYPTOGRAPHY SOLUTIONS FOR SECURE INFORMATION SYSTEMS EXPLORES CURRENT TRENDS IN IS SECURITY TECHNOLOGIES, TECHNIQUES, AND CONCERNS, PRIMARILY THROUGH THE USE OF CRYPTOGRAPHIC TOOLS TO SAFEGUARD VALUABLE INFORMATION RESOURCES. THIS REFERENCE BOOK SERVES THE NEEDS OF PROFESSIONALS, ACADEMICS, AND STUDENTS REQUIRING DEDICATED INFORMATION SYSTEMS FREE FROM OUTSIDE INTERFERENCE, AS WELL AS DEVELOPERS OF SECURE IS APPLICATIONS. THIS BOOK IS PART OF THE ADVANCES IN INFORMATION SECURITY, PRIVACY, AND ETHICS SERIES COLLECTION.

REFERENCE DATA FOR ENGINEERS - MAC E. VAN VALKENBURG 2001-09-26

THIS STANDARD HANDBOOK FOR ENGINEERS COVERS THE FUNDAMENTALS, THEORY AND APPLICATIONS OF RADIO, ELECTRONICS, COMPUTERS, AND COMMUNICATIONS EQUIPMENT. IT PROVIDES INFORMATION ON ESSENTIAL, NEED-TO-KNOW TOPICS WITHOUT HEAVY EMPHASIS ON COMPLICATED MATHEMATICS. IT IS A "MUST-HAVE" FOR EVERY ENGINEER WHO REQUIRES ELECTRICAL, ELECTRONICS, AND COMMUNICATIONS DATA. FEATURED IN THIS UPDATED VERSION IS COVERAGE ON INTELLECTUAL PROPERTY AND PATENTS, PROBABILITY AND DESIGN, ANTENNAS, POWER ELECTRONICS, RECTIFIERS, POWER SUPPLIES, AND PROPERTIES OF MATERIALS. USEFUL INFORMATION ON UNITS, CONSTANTS AND CONVERSION FACTORS, ACTIVE FILTER DESIGN, ANTENNAS, INTEGRATED CIRCUITS, SURFACE ACOUSTIC WAVE DESIGN, AND DIGITAL SIGNAL PROCESSING IS ALSO INCLUDED. THIS WORK ALSO OFFERS NEW KNOWLEDGE IN THE FIELDS OF SATELLITE TECHNOLOGY, SPACE COMMUNICATION, MICROWAVE SCIENCE, TELECOMMUNICATION, GLOBAL POSITIONING SYSTEMS, FREQUENCY DATA, AND RADAR.

INNOVATIVE SECURITY SOLUTIONS FOR INFORMATION TECHNOLOGY AND COMMUNICATIONS - ION BICA 2016-10-04

THIS BOOK CONSTITUTES THE THOROUGHLY REFEREED POST-CONFERENCE PROCEEDINGS OF THE 9TH INTERNATIONAL CONFERENCE ON SECURITY FOR INFORMATION TECHNOLOGY AND COMMUNICATIONS, SECITC 2016, HELD IN BUCHAREST, ROMANIA, IN JUNE 2016. THE 16 REVISED FULL PAPERS WERE CAREFULLY REVIEWED AND SELECTED FROM 35 SUBMISSIONS. IN ADDITION WITH 4 INVITED TALKS THE PAPERS COVER TOPICS SUCH AS CRYPTOGRAPHIC ALGORITHMS AND PROTOCOLS, AND SECURITY TECHNOLOGIES FOR ITC.

COMPUTER NETWORKS - LARRY L. PETERSON 2011-03-02

COMPUTER NETWORKS: A SYSTEMS APPROACH, FIFTH EDITION, EXPLORES THE KEY PRINCIPLES OF COMPUTER NETWORKING, WITH EXAMPLES DRAWN FROM THE REAL WORLD OF

NETWORK AND PROTOCOL DESIGN. USING THE INTERNET AS THE PRIMARY EXAMPLE, THIS BEST-SELLING AND CLASSIC TEXTBOOK EXPLAINS VARIOUS PROTOCOLS AND NETWORKING TECHNOLOGIES. THE SYSTEMS-ORIENTED APPROACH ENCOURAGES STUDENTS TO THINK ABOUT HOW INDIVIDUAL NETWORK COMPONENTS FIT INTO A LARGER, COMPLEX SYSTEM OF INTERACTIONS. THIS BOOK HAS A COMPLETELY UPDATED CONTENT WITH EXPANDED COVERAGE OF THE TOPICS OF UTMOST IMPORTANCE TO NETWORKING PROFESSIONALS AND STUDENTS, INCLUDING P2P, WIRELESS, NETWORK SECURITY, AND NETWORK APPLICATIONS SUCH AS E-MAIL AND THE WEB, IP TELEPHONY AND VIDEO STREAMING, AND PEER-TO-PEER FILE SHARING. THERE IS NOW INCREASED FOCUS ON APPLICATION LAYER ISSUES WHERE INNOVATIVE AND EXCITING RESEARCH AND DESIGN IS CURRENTLY THE CENTER OF ATTENTION. OTHER TOPICS INCLUDE NETWORK DESIGN AND ARCHITECTURE; THE WAYS USERS CAN CONNECT TO A NETWORK; THE CONCEPTS OF SWITCHING, ROUTING, AND INTERNETWORKING; END-TO-END PROTOCOLS; CONGESTION CONTROL AND RESOURCE ALLOCATION; AND END-TO-END DATA. EACH CHAPTER INCLUDES A PROBLEM STATEMENT, WHICH INTRODUCES ISSUES TO BE EXAMINED; SHADED SIDEBARS THAT ELABORATE ON A TOPIC OR INTRODUCE A RELATED ADVANCED TOPIC; WHAT'S NEXT? DISCUSSIONS THAT DEAL WITH EMERGING ISSUES IN RESEARCH, THE COMMERCIAL WORLD, OR SOCIETY; AND EXERCISES. THIS BOOK IS WRITTEN FOR GRADUATE OR UPPER-DIVISION UNDERGRADUATE CLASSES IN COMPUTER NETWORKING. IT WILL ALSO BE USEFUL FOR INDUSTRY PROFESSIONALS RETRAINING FOR NETWORK-RELATED ASSIGNMENTS, AS WELL AS FOR NETWORK PRACTITIONERS SEEKING TO UNDERSTAND THE WORKINGS OF NETWORK PROTOCOLS AND THE BIG PICTURE OF NETWORKING. COMPLETELY UPDATED CONTENT WITH EXPANDED COVERAGE OF THE TOPICS OF UTMOST IMPORTANCE TO NETWORKING PROFESSIONALS AND STUDENTS, INCLUDING P2P, WIRELESS, SECURITY, AND APPLICATIONS INCREASED FOCUS ON APPLICATION LAYER ISSUES WHERE INNOVATIVE AND EXCITING RESEARCH AND DESIGN IS CURRENTLY THE CENTER OF ATTENTION FREE DOWNLOADABLE NETWORK SIMULATION SOFTWARE AND LAB EXPERIMENTS MANUAL AVAILABLE

MANAGEMENT INFORMATION SYSTEMS - KENNETH C. LAUDON 2004

MANAGEMENT INFORMATION SYSTEMS PROVIDES COMPREHENSIVE AND INTEGRATIVE COVERAGE OF ESSENTIAL NEW TECHNOLOGIES, INFORMATION SYSTEM APPLICATIONS, AND THEIR IMPACT ON BUSINESS MODELS AND MANAGERIAL DECISION-MAKING IN AN EXCITING AND INTERACTIVE MANNER. THE TWELFTH EDITION FOCUSES ON THE MAJOR CHANGES THAT HAVE BEEN MADE IN INFORMATION TECHNOLOGY OVER THE PAST TWO YEARS, AND INCLUDES NEW OPENING, CLOSING, AND INTERACTIVE SESSION CASES.

McGraw-Hill Concise Encyclopedia of Engineering - McGraw Hill 2005-06-15

HUNDREDS OF WELL-ILLUSTRATED ARTICLES EXPLORE THE MOST IMPORTANT FIELDS OF SCIENCE. BASED ON CONTENT FROM THE McGraw-Hill Concise Encyclopedia of Science & Technology, Fifth Edition, the most widely used and respected science reference of its kind in print, each of these subject-specific quick-reference guides features: * DETAILED, WELL-ILLUSTRATED EXPLANATIONS, NOT JUST DEFINITIONS * HUNDREDS OF CONCISE YET AUTHORITATIVE ARTICLES IN EACH VOLUME * AN EASY-TO-UNDERSTAND PRESENTATION, ACCESSIBLE AND INTERESTING TO NON-SPECIALISTS * A PORTABLE, CONVENIENT FORMAT * BIBLIOGRAPHIES, APPENDICES, AND OTHER INFORMATION SUPPLEMENT THE ARTICLES

DATA COMMUNICATIONS AND COMPUTER NETWORKS: A BUSINESS USER'S APPROACH - CURT WHITE 2015-01-01

BALANCING THE MOST TECHNICAL CONCEPTS WITH PRACTICAL EVERYDAY ISSUES, **DATABASE COMMUNICATIONS AND COMPUTER NETWORKS**, 8E PROVIDES THOROUGH COVERAGE OF THE BASIC FEATURES, OPERATIONS, AND LIMITATIONS OF DIFFERENT TYPES OF COMPUTER NETWORKS--MAKING IT THE IDEAL RESOURCE FOR FUTURE BUSINESS MANAGERS, COMPUTER PROGRAMMERS, SYSTEM DESIGNERS, AS WELL AS HOME COMPUTER USERS. OFFERING A COMPREHENSIVE INTRODUCTION TO COMPUTER NETWORKS AND DATA COMMUNICATIONS, THE BOOK INCLUDES COVERAGE OF THE LANGUAGE OF COMPUTER NETWORKS AS WELL AS THE EFFECTS OF DATA COMMUNICATIONS ON BUSINESS AND SOCIETY. IT PROVIDES FULL COVERAGE OF WIRELESS TECHNOLOGIES, INDUSTRY CONVERGENCE, COMPRESSION TECHNIQUES, NETWORK SECURITY, LAN TECHNOLOGIES, VoIP, AND ERROR DETECTION AND CORRECTION. THE EIGHTH EDITION ALSO OFFERS UP-TO-THE-MINUTE COVERAGE OF NEAR FIELD COMMUNICATIONS, UPDATED USB INTERFACE, LIGHTNING INTERFACE, AND IEEE 802.11 AC AND AD WIRELESS STANDARDS, FIREWALL UPDATES, ROUTER SECURITY PROBLEMS, THE INTERNET OF THINGS, CLOUD COMPUTING, ZERO-CLIENT WORKSTATIONS, AND INTERNET DOMAIN NAMES. IMPORTANT NOTICE: MEDIA CONTENT REFERENCED WITHIN THE PRODUCT DESCRIPTION OR THE PRODUCT TEXT MAY NOT BE AVAILABLE IN THE EBOOK VERSION.

BUSINESS DATA COMMUNICATIONS - WILLIAM STALLINGS 2009

BUSINESS DATA COMMUNICATIONS, 6/E, COVERS THE FUNDAMENTALS OF DATA COMMUNICATIONS, NETWORKING, DISTRIBUTED APPLICATIONS, AND NETWORK MANAGEMENT AND SECURITY. STALLINGS PRESENTS THESE CONCEPTS IN A WAY THAT RELATES SPECIFICALLY TO THE BUSINESS ENVIRONMENT AND THE CONCERNS OF BUSINESS MANAGEMENT AND STAFF, STRUCTURING HIS TEXT AROUND REQUIREMENTS, INGREDIENTS, AND APPLICATIONS. ALL OF THE MATERIAL HAS BEEN UPDATED FOR THE LATEST TECHNOLOGIES AND DEVELOPMENTS IN THE FIELD, INCLUDING: SPECIFICATIONS OF WiFi/IEEE 802.11 WIRELESS LANs, INCLUDING 802.11n IP; PERFORMANCE METRICS AND SERVICE LEVEL AGREEMENTS (SLAs); GIGABIT ETHERNET AND 10-Gbps ETHERNET STANDARDS; NEW UNIFIED COMMUNICATIONS CONCEPTS; EXPANDED, ENHANCED SECURITY MATERIAL; NEW ONLINE ANIMATIONS ILLUSTRATE KEY FUNCTIONS AND ALGORITHMS IN OS DESIGN. APPROPRIATE FOR

PROFESSIONALS INTERESTED IN BUSINESS DATA COMMUNICATIONS.

DATA COMMUNICATIONS AND NETWORKING - BEHROUZ A. FOROUZAN 2007

ANNOTATION AS ONE OF THE FASTEST GROWING TECHNOLOGIES IN OUR CULTURE TODAY, DATA COMMUNICATIONS AND NETWORKING PRESENTS A UNIQUE CHALLENGE FOR INSTRUCTORS. AS BOTH THE NUMBER AND TYPES OF STUDENTS ARE INCREASING, IT IS ESSENTIAL TO HAVE A TEXTBOOK THAT PROVIDES COVERAGE OF THE LATEST ADVANCES, WHILE PRESENTING THE MATERIAL IN A WAY THAT IS ACCESSIBLE TO STUDENTS WITH LITTLE OR NO BACKGROUND IN THE FIELD. USING A BOTTOM-UP APPROACH, DATA COMMUNICATIONS AND NETWORKING PRESENTS THIS HIGHLY TECHNICAL SUBJECT MATTER WITHOUT RELYING ON COMPLEX FORMULAS BY USING A STRONG PEDAGOGICAL APPROACH SUPPORTED BY MORE THAN 700 FIGURES. NOW IN ITS FOURTH EDITION, THIS TEXTBOOK BRINGS THE BEGINNING STUDENT RIGHT TO THE FOREFRONT OF THE LATEST ADVANCES IN THE FIELD, WHILE PRESENTING THE FUNDAMENTALS IN A CLEAR, STRAIGHTFORWARD MANNER. STUDENTS WILL FIND BETTER COVERAGE, IMPROVED FIGURES AND BETTER EXPLANATIONS ON CUTTING-EDGE MATERIAL. THE "BOTTOM-UP" APPROACH ALLOWS INSTRUCTORS TO COVER THE MATERIAL IN ONE COURSE, RATHER THAN HAVING SEPARATE COURSES ON DATA COMMUNICATIONS AND NETWORKING

COMPUTER SECURITY THREATS - CIZA THOMAS 2020-09-09

THIS BOOK ON COMPUTER SECURITY THREATS EXPLORES THE COMPUTER SECURITY THREATS AND INCLUDES A BROAD SET OF SOLUTIONS TO DEFEND THE COMPUTER SYSTEMS FROM THESE THREATS. THE BOOK IS TRIGGERED BY THE UNDERSTANDING THAT DIGITALIZATION AND GROWING DEPENDENCE ON THE INTERNET POSES AN INCREASED RISK OF COMPUTER SECURITY THREATS IN THE MODERN WORLD. THE CHAPTERS DISCUSS DIFFERENT RESEARCH FRONTIERS IN COMPUTER SECURITY WITH ALGORITHMS AND IMPLEMENTATION DETAILS FOR USE IN THE REAL WORLD. RESEARCHERS AND PRACTITIONERS IN AREAS SUCH AS STATISTICS, PATTERN RECOGNITION, MACHINE LEARNING, ARTIFICIAL INTELLIGENCE, DEEP LEARNING, DATA MINING, DATA ANALYTICS AND VISUALIZATION ARE CONTRIBUTING TO THE FIELD OF COMPUTER SECURITY. THE INTENDED AUDIENCE OF THIS BOOK WILL MAINLY CONSIST OF RESEARCHERS, RESEARCH STUDENTS, PRACTITIONERS, DATA ANALYSTS, AND BUSINESS PROFESSIONALS WHO SEEK INFORMATION ON COMPUTER SECURITY THREATS AND ITS DEFENSIVE MEASURES.

INTRODUCTION TO DATA COMMUNICATIONS AND NETWORKING - BEHROUZ A. FOROUZAN 1998

THIS IS A THOROUGH INTRODUCTION TO THE CONCEPTS UNDERLYING NETWORKING TECHNOLOGY, FROM PHYSICAL CARRIER MEDIA TO PROTOCOL SUITES (FOR EXAMPLE, TCP/IP). THE AUTHOR INCLUDES HISTORICAL MATERIAL TO SHOW THE LOGIC BEHIND THE DEVELOPMENT OF A GIVEN MECHANISM, AND ALSO INCLUDES COMPREHENSIVE DISCUSSIONS OF INCREASINGLY IMPORTANT MATERIAL, SUCH AS B-ISDN (BROADBAND INTEGRATED SERVICES DIGITAL NETWORK) AND ATM (ASYNCHRONOUS TRANSMISSION MODE).

DATA INTENSIVE DISTRIBUTED COMPUTING: CHALLENGES AND SOLUTIONS FOR LARGE-SCALE INFORMATION MANAGEMENT - KOSAR, TEVFIK 2012-01-31

"THIS BOOK FOCUSES ON THE CHALLENGES OF DISTRIBUTED SYSTEMS IMPOSED BY THE DATA INTENSIVE APPLICATIONS, AND ON THE DIFFERENT STATE-OF-THE-ART SOLUTIONS PROPOSED TO OVERCOME THESE CHALLENGES"--PROVIDED BY PUBLISHER.

MOBILE AND HANDHELD COMPUTING SOLUTIONS FOR ORGANIZATIONS AND END-USERS - HU, WEN-CHEN 2013-01-31

MOBILE AND HANDHELD COMPUTING SOLUTIONS FOR ORGANIZATIONS AND END-USERS DISCUSSES A BROAD RANGE OF TOPICS IN ORDER TO ADVANCE HANDHELD KNOWLEDGE AND APPLY THE PROPOSED METHODS TO REAL-WORLD ISSUES FOR ORGANIZATIONS AND END USERS. THIS BOOK BRINGS TOGETHER RESEARCHERS AND PRACTITIONERS INVOLVED WITH MOBILE AND HANDHELD COMPUTING SOLUTIONS USEFUL FOR IT STUDENTS, RESEARCHERS, AND SCHOLARS.

DATA-INTENSIVE TEXT PROCESSING WITH MAPREDUCE - JIMMY LIN 2010

OUR WORLD IS BEING REVOLUTIONIZED BY DATA-DRIVEN METHODS: ACCESS TO LARGE AMOUNTS OF DATA HAS GENERATED NEW INSIGHTS AND OPENED EXCITING NEW OPPORTUNITIES IN COMMERCE, SCIENCE, AND COMPUTING APPLICATIONS. PROCESSING THE ENORMOUS QUANTITIES OF DATA NECESSARY FOR THESE ADVANCES REQUIRES LARGE CLUSTERS, MAKING DISTRIBUTED COMPUTING PARADIGMS MORE CRUCIAL THAN EVER. MAPREDUCE IS A PROGRAMMING MODEL FOR EXPRESSING DISTRIBUTED COMPUTATIONS ON MASSIVE DATASETS AND AN EXECUTION FRAMEWORK FOR LARGE-SCALE DATA PROCESSING ON CLUSTERS OF COMMODITY SERVERS. THE PROGRAMMING MODEL PROVIDES AN EASY-TO-UNDERSTAND ABSTRACTION FOR DESIGNING SCALABLE ALGORITHMS, WHILE THE EXECUTION FRAMEWORK TRANSPARENTLY HANDLES MANY SYSTEM-LEVEL DETAILS, RANGING FROM SCHEDULING TO SYNCHRONIZATION TO FAULT TOLERANCE. THIS BOOK FOCUSES ON MAPREDUCE ALGORITHM DESIGN, WITH AN EMPHASIS ON TEXT PROCESSING ALGORITHMS COMMON IN NATURAL LANGUAGE PROCESSING, INFORMATION RETRIEVAL, AND MACHINE LEARNING. WE INTRODUCE THE NOTION OF MAPREDUCE DESIGN PATTERNS, WHICH REPRESENT GENERAL REUSABLE SOLUTIONS TO COMMONLY OCCURRING PROBLEMS ACROSS A VARIETY OF PROBLEM DOMAINS. THIS BOOK NOT ONLY INTENDS TO HELP THE READER "THINK IN MAPREDUCE", BUT ALSO DISCUSSES LIMITATIONS OF THE PROGRAMMING MODEL AS WELL. THIS VOLUME IS A PRINTED VERSION OF A WORK THAT APPEARS IN THE SYNTHESIS DIGITAL LIBRARY OF ENGINEERING AND COMPUTER SCIENCE. SYNTHESIS LECTURES PROVIDE CONCISE, ORIGINAL PRESENTATIONS OF IMPORTANT RESEARCH AND DEVELOPMENT TOPICS, PUBLISHED QUICKLY, IN DIGITAL AND PRINT FORMATS. FOR MORE INFORMATION VISIT WWW.MORGANCLAYPOOL.COM

COMPUTER COMMUNICATIONS - WILLIAM STALLINGS 1992

LOCAL NETWORKS - WILLIAM STALLINGS 1987

COMPUTER SYSTEMS ORGANIZATION -- COMPUTER-COMMUNICATION NETWORKS.

IMPROVING THE PERFORMANCE OF WIRELESS LANs - NURUL SARKAR 2014-01-08

WHILE THERE ARE COUNTLESS BOOKS ON WIRELESS NETWORKS, FEW ACTUALLY QUANTIFY THE KEY PERFORMANCE-LIMITING FACTORS OF WIRELESS LOCAL AREA NETWORKS (WLANs) AND DESCRIBE VARIOUS METHODS FOR IMPROVING WLAN PERFORMANCE. FULFILLING THESE NEEDS, IMPROVING THE PERFORMANCE OF WIRELESS LANs: A PRACTICAL GUIDE PROVIDES BOTH THEORETICAL BACKGROUND AND EMPIRICAL

SOCIAL IMPLICATIONS OF DATA MINING AND INFORMATION PRIVACY: INTERDISCIPLINARY

FRAMEWORKS AND SOLUTIONS - EYOB, EPHREM 2009-01-31

"THIS BOOK SERVES AS A CRITICAL SOURCE TO EMERGING ISSUES AND SOLUTIONS IN DATA MINING AND THE INFLUENCE OF SOCIAL FACTORS"--PROVIDED BY PUBLISHER.

SIGNALS AND SYSTEMS USING MATLAB - LUIS CHAPARRO 2019-01-15

SIGNALS AND SYSTEMS USING MATLAB, THIRD EDITION FEATURES A PEDAGOGICALLY RICH AND ACCESSIBLE APPROACH TO WHAT CAN COMMONLY BE A MATHEMATICALLY DRY SUBJECT. HISTORICAL NOTES AND COMMON MISTAKES COMBINED WITH APPLICATIONS IN CONTROLS, COMMUNICATIONS AND SIGNAL PROCESSING HELP STUDENTS UNDERSTAND AND APPRECIATE THE USEFULNESS OF THE TECHNIQUES DESCRIBED IN THE TEXT. THIS NEW EDITION FEATURES MORE END-OF-CHAPTER PROBLEMS, NEW CONTENT ON TWO-DIMENSIONAL SIGNAL PROCESSING, AND DISCUSSIONS ON THE STATE-OF-THE-ART IN SIGNAL PROCESSING. INTRODUCES BOTH CONTINUOUS AND DISCRETE SYSTEMS EARLY, THEN STUDIES EACH (SEPARATELY) IN-DEPTH CONTAINS AN EXTENSIVE SET OF WORKED EXAMPLES AND HOMEWORK ASSIGNMENTS, WITH APPLICATIONS FOR CONTROLS, COMMUNICATIONS, AND SIGNAL PROCESSING BEGINS WITH A REVIEW ON ALL THE BACKGROUND MATH NECESSARY TO STUDY THE SUBJECT INCLUDES MATLAB(R) APPLICATIONS IN EVERY CHAPTER

COMPUTER NETWORKING: A TOP-DOWN APPROACH FEATURING THE INTERNET, 3/E - JAMES F. KUROSE 2005

INNOVATIVE SECURITY SOLUTIONS FOR INFORMATION TECHNOLOGY AND COMMUNICATIONS - JEAN-LOUIS LANET 2019-02-05

THIS BOOK CONSTITUTES THE THOROUGHLY REFEREED PROCEEDINGS OF THE 11TH INTERNATIONAL CONFERENCE ON SECURITY FOR INFORMATION TECHNOLOGY AND COMMUNICATIONS, SecITC 2018, HELD IN BUCHAREST, ROMANIA, IN NOVEMBER 2018. THE 35 REVISED FULL PAPERS PRESENTED TOGETHER WITH 3 INVITED TALKS WERE CAREFULLY REVIEWED AND SELECTED FROM 70 SUBMISSIONS. THE PAPERS PRESENT ADVANCES IN THE THEORY, DESIGN, IMPLEMENTATION, ANALYSIS, VERIFICATION, OR EVALUATION OF SECURE SYSTEMS AND ALGORITHMS.

CONTEMPORARY CHALLENGES AND SOLUTIONS FOR MOBILE AND MULTIMEDIA TECHNOLOGIES - KHALIL, ISMAIL 2012-10-31

MOBILE COMPUTING AND MULTIMEDIA TECHNOLOGIES CONTINUE TO EXPAND AND CHANGE THE WAY WE INTERACT WITH EACH OTHER ON A BUSINESS AND SOCIAL LEVEL. WITH THE INCREASED USE OF MOBILE DEVICES AND THE EXCHANGE OF INFORMATION OVER WIRELESS NETWORKS, INFORMATION SYSTEMS ARE ABLE TO PROCESS AND TRANSMIT MULTIMEDIA DATA IN VARIOUS AREAS. CONTEMPORARY CHALLENGES AND SOLUTIONS FOR MOBILE AND MULTIMEDIA TECHNOLOGIES PROVIDES COMPREHENSIVE KNOWLEDGE ON THE GROWTH AND CHANGES IN THE FIELD OF MULTIMEDIA AND MOBILE TECHNOLOGIES. THIS REFERENCE SOURCE HIGHLIGHTS THE ADVANCEMENTS IN MOBILE TECHNOLOGY THAT ARE BENEFICIAL FOR DEVELOPERS, RESEARCHERS, AND DESIGNERS.

HOW PEOPLE LEARN - NATIONAL RESEARCH COUNCIL 2000-08-11

FIRST RELEASED IN THE SPRING OF 1999, HOW PEOPLE LEARN HAS BEEN EXPANDED TO SHOW HOW THE THEORIES AND INSIGHTS FROM THE ORIGINAL BOOK CAN TRANSLATE INTO ACTIONS AND PRACTICE, NOW MAKING A REAL CONNECTION BETWEEN CLASSROOM ACTIVITIES AND LEARNING BEHAVIOR. THIS EDITION INCLUDES FAR-REACHING SUGGESTIONS FOR RESEARCH THAT COULD INCREASE THE IMPACT THAT CLASSROOM TEACHING HAS ON ACTUAL LEARNING. LIKE THE ORIGINAL EDITION, THIS BOOK OFFERS EXCITING NEW RESEARCH ABOUT THE MIND AND THE BRAIN THAT PROVIDES ANSWERS TO A NUMBER OF COMPELLING QUESTIONS. WHEN DO INFANTS BEGIN TO LEARN? HOW DO EXPERTS LEARN AND HOW IS THIS DIFFERENT FROM NON-EXPERTS? WHAT CAN TEACHERS AND SCHOOLS DO WITH CURRICULA, CLASSROOM SETTINGS, AND TEACHING METHODS--TO HELP CHILDREN LEARN MOST EFFECTIVELY? NEW EVIDENCE FROM MANY BRANCHES OF SCIENCE HAS SIGNIFICANTLY ADDED TO OUR UNDERSTANDING OF WHAT IT MEANS TO KNOW, FROM THE NEURAL PROCESSES THAT OCCUR DURING LEARNING TO THE INFLUENCE OF CULTURE ON WHAT PEOPLE SEE AND ABSORB. HOW PEOPLE LEARN EXAMINES THESE FINDINGS AND THEIR IMPLICATIONS FOR WHAT WE TEACH, HOW WE TEACH IT, AND HOW WE ASSESS WHAT OUR CHILDREN LEARN. THE BOOK USES EXEMPLARY TEACHING TO ILLUSTRATE HOW APPROACHES BASED ON WHAT WE NOW KNOW RESULT IN IN-DEPTH LEARNING. THIS NEW KNOWLEDGE CALLS INTO QUESTION CONCEPTS AND PRACTICES FIRMLY ENTRENCHED IN OUR CURRENT EDUCATION SYSTEM. TOPICS INCLUDE: HOW LEARNING ACTUALLY CHANGES THE PHYSICAL STRUCTURE OF THE BRAIN. HOW EXISTING KNOWLEDGE AFFECTS WHAT PEOPLE NOTICE AND HOW THEY LEARN. WHAT THE THOUGHT PROCESSES OF EXPERTS TELL US ABOUT HOW TO TEACH. THE AMAZING LEARNING POTENTIAL OF INFANTS. THE RELATIONSHIP OF CLASSROOM LEARNING AND EVERYDAY SETTINGS OF COMMUNITY AND WORKPLACE. LEARNING NEEDS AND OPPORTUNITIES FOR TEACHERS. A REALISTIC LOOK AT THE ROLE OF TECHNOLOGY IN EDUCATION.

DESIGNING EMBEDDED HARDWARE - JOHN CATSOULIS 2002

INTELLIGENT READERS WHO WANT TO BUILD THEIR OWN EMBEDDED COMPUTER SYSTEMS--INSTALLED IN EVERYTHING FROM CELL PHONES TO CARS TO HANDHELD ORGANIZERS TO REFRIGERATORS-- WILL FIND THIS BOOK TO BE THE MOST IN-DEPTH, PRACTICAL, AND UP-TO-DATE GUIDE ON THE MARKET. DESIGNING EMBEDDED HARDWARE CAREFULLY STEERS BETWEEN THE PRACTICAL AND PHILOSOPHICAL ASPECTS, SO DEVELOPERS CAN BOTH CREATE THEIR OWN DEVICES AND GADGETS AND CUSTOMIZE AND EXTEND OFF-THE-SHELF SYSTEMS. THERE ARE HUNDREDS OF BOOKS TO CHOOSE FROM IF YOU NEED TO LEARN PROGRAMMING, BUT ONLY A FEW ARE AVAILABLE IF YOU WANT TO LEARN TO CREATE HARDWARE. DESIGNING EMBEDDED HARDWARE PROVIDES SOFTWARE AND HARDWARE ENGINEERS WITH NO PRIOR EXPERIENCE IN EMBEDDED SYSTEMS WITH THE NECESSARY CONCEPTUAL AND DESIGN BUILDING BLOCKS TO UNDERSTAND THE ARCHITECTURES OF EMBEDDED SYSTEMS. WRITTEN TO PROVIDE THE DEPTH OF COVERAGE AND REAL-WORLD EXAMPLES DEVELOPERS NEED, DESIGNING EMBEDDED HARDWARE ALSO PROVIDES A ROAD-MAP TO THE PITFALLS AND TRAPS TO AVOID IN DESIGNING EMBEDDED SYSTEMS. DESIGNING EMBEDDED HARDWARE COVERS SUCH ESSENTIAL TOPICS AS: THE PRINCIPLES OF DEVELOPING COMPUTER HARDWARE CORE HARDWARE DESIGNS ASSEMBLY LANGUAGE CONCEPTS PARALLEL I/O ANALOG-DIGITAL CONVERSION TIMERS (INTERNAL AND EXTERNAL) UART SERIAL PERIPHERAL INTERFACE INTER-INTEGRATED CIRCUIT BUS CONTROLLER AREA NETWORK (CAN) DATA CONVERTER INTERFACE (DCI) LOW-POWER OPERATION THIS INVALUABLE AND EMINENTLY USEFUL BOOK GIVES YOU THE PRACTICAL TOOLS AND SKILLS TO DEVELOP, BUILD, AND PROGRAM YOUR OWN APPLICATION-SPECIFIC COMPUTERS.

OPERATING SYSTEMS - WILLIAM STALLINGS 2009

FOR A ONE-SEMESTER UNDERGRADUATE COURSE IN OPERATING SYSTEMS FOR COMPUTER SCIENCE, COMPUTER ENGINEERING, AND ELECTRICAL ENGINEERING MAJORS. WINNER OF THE 2009 TEXTBOOK EXCELLENCE AWARD FROM THE TEXT AND ACADEMIC AUTHORS ASSOCIATION (TAA)! OPERATING SYSTEMS: INTERNALS AND DESIGN PRINCIPLES IS A COMPREHENSIVE AND UNIFIED INTRODUCTION TO OPERATING SYSTEMS. BY USING SEVERAL INNOVATIVE TOOLS, STALLINGS MAKES IT POSSIBLE TO UNDERSTAND CRITICAL CORE CONCEPTS THAT CAN BE FUNDAMENTALLY CHALLENGING. THE NEW EDITION INCLUDES THE IMPLEMENTATION OF WEB BASED ANIMATIONS TO AID VISUAL LEARNERS. AT KEY POINTS IN THE BOOK, STUDENTS ARE DIRECTED TO VIEW AN ANIMATION AND THEN ARE PROVIDED WITH ASSIGNMENTS TO ALTER THE ANIMATION INPUT AND ANALYZE THE RESULTS. THE CONCEPTS ARE THEN ENHANCED AND SUPPORTED BY END-OF-CHAPTER CASE STUDIES OF UNIX, LINUX AND WINDOWS VISTA. THESE PROVIDE STUDENTS WITH A SOLID UNDERSTANDING OF THE KEY MECHANISMS OF MODERN OPERATING SYSTEMS AND THE TYPES OF DESIGN TRADEOFFS AND DECISIONS INVOLVED IN OS DESIGN. BECAUSE THEY ARE EMBEDDED INTO THE TEXT AS END OF CHAPTER MATERIAL, STUDENTS ARE ABLE TO APPLY THEM RIGHT AT THE POINT OF DISCUSSION. THIS APPROACH IS EQUALLY USEFUL AS A BASIC REFERENCE AND AS AN UP-TO-DATE SURVEY OF THE STATE OF THE ART.

COMPUTER NETWORKS - LARRY L. PETERSON 2000

DATA COMMUNICATIONS AND NETWORKING - BEHROUZ A. FOROUZAN 2001-07

THE WORLD BOOK ENCYCLOPEDIA - 2002

AN ENCYCLOPEDIA DESIGNED ESPECIALLY TO MEET THE NEEDS OF ELEMENTARY, JUNIOR HIGH, AND SENIOR HIGH SCHOOL STUDENTS.

DATA COMMUNICATION AND COMPUTER NETWORKS - JILL WEST 2021-08-12

WHETHER YOU ARE PREPARING FOR A CAREER AS A BUSINESS MANAGER, COMPUTER PROGRAMMER OR SYSTEM DESIGNER, OR YOU SIMPLY WANT TO BE AN INFORMED HOME COMPUTER USER, WEST'S DATA COMMUNICATIONS AND COMPUTER NETWORKS, 9TH EDITION PROVIDES AN UNDERSTANDING OF THE ESSENTIAL FEATURES, OPERATIONS AND LIMITATIONS OF TODAY'S COMPUTER NETWORKS. YOU LEARN ABOUT SYSTEMS BOTH ON PREMISES AND IN THE CLOUD AS THE AUTHOR BALANCES TECHNICAL CONCEPTS WITH PRACTICAL, EVERYDAY ISSUES. UPDATES ADDRESS THE LATEST DEVELOPMENTS AND PRACTICES IN CLOUD BUSINESS PRINCIPLES AND SECURITY TECHNIQUES, SOFTWARE-DEFINED NETWORKING, 5G, THE INTERNET OF THINGS, DATA ANALYTICS AND SUPPORTING REMOTE WORKFORCES. THIS EDITION ALSO COVERS THE COMPTIA'S CLOUD ESSENTIALS+ EXAM TO HELP YOU PREPARE FOR THIS VENDOR-NEUTRAL, BUSINESS-ORIENTED CLOUD COMPUTING CERTIFICATION. HANDS-ON LEARNING FEATURES AND THOUGHT-PROVOKING CONTENT ALSO GUIDE YOU THROUGH VIRTUAL NETWORKING TECHNOLOGIES, INDUSTRY CONVERGENCE AND WIRED AND WIRELESS LAN TECHNOLOGIES.

THE DATA WAREHOUSE TOOLKIT - RALPH KIMBALL 2011-08-08

THIS OLD EDITION WAS PUBLISHED IN 2002. THE CURRENT AND FINAL EDITION OF THIS BOOK IS THE DATA WAREHOUSE TOOLKIT: THE DEFINITIVE GUIDE TO DIMENSIONAL MODELING, 3RD EDITION WHICH WAS PUBLISHED IN 2013 UNDER ISBN: 9781118530801. THE AUTHORS BEGIN WITH FUNDAMENTAL DESIGN RECOMMENDATIONS AND GRADUALLY PROGRESS STEP-BY-STEP THROUGH INCREASINGLY COMPLEX SCENARIOS. CLEAR-CUT GUIDELINES FOR DESIGNING DIMENSIONAL MODELS ARE ILLUSTRATED USING REAL-WORLD DATA WAREHOUSE CASE STUDIES DRAWN FROM A VARIETY OF BUSINESS APPLICATION AREAS AND INDUSTRIES, INCLUDING: RETAIL SALES AND E-COMMERCE INVENTORY MANAGEMENT PROCUREMENT ORDER MANAGEMENT CUSTOMER RELATIONSHIP MANAGEMENT (CRM) HUMAN RESOURCES MANAGEMENT ACCOUNTING FINANCIAL SERVICES TELECOMMUNICATIONS AND UTILITIES EDUCATION TRANSPORTATION HEALTH CARE AND INSURANCE BY THE END OF THE BOOK, YOU WILL HAVE MASTERED THE FULL RANGE OF POWERFUL TECHNIQUES FOR DESIGNING DIMENSIONAL DATABASES THAT ARE EASY TO UNDERSTAND AND PROVIDE FAST QUERY RESPONSE. YOU WILL ALSO LEARN HOW TO CREATE AN ARCHITECTED FRAMEWORK THAT INTEGRATES THE DISTRIBUTED DATA WAREHOUSE USING STANDARDIZED DIMENSIONS AND FACTS.

COMPUTER ORGANIZATION AND DESIGN RISC-V EDITION - DAVID A. PATTERSON 2017-05-12

THE NEW RISC-V EDITION OF COMPUTER ORGANIZATION AND DESIGN FEATURES THE RISC-V OPEN SOURCE INSTRUCTION SET ARCHITECTURE, THE FIRST OPEN SOURCE ARCHITECTURE DESIGNED TO BE USED IN MODERN COMPUTING ENVIRONMENTS SUCH AS CLOUD COMPUTING, MOBILE DEVICES, AND OTHER EMBEDDED SYSTEMS. WITH THE POST-PC ERA NOW UPON US, COMPUTER ORGANIZATION AND DESIGN MOVES FORWARD TO EXPLORE THIS GENERATIONAL CHANGE WITH EXAMPLES, EXERCISES, AND MATERIAL HIGHLIGHTING THE EMERGENCE OF MOBILE COMPUTING AND THE CLOUD. UPDATED CONTENT FEATURING TABLET COMPUTERS, CLOUD INFRASTRUCTURE, AND THE X86 (CLOUD COMPUTING) AND ARM (MOBILE COMPUTING DEVICES) ARCHITECTURES IS INCLUDED. AN ONLINE COMPANION WEB SITE PROVIDES ADVANCED CONTENT FOR FURTHER STUDY, APPENDICES, GLOSSARY, REFERENCES, AND RECOMMENDED READING. FEATURES RISC-V, THE FIRST SUCH ARCHITECTURE DESIGNED TO BE USED IN MODERN COMPUTING ENVIRONMENTS, SUCH AS CLOUD COMPUTING, MOBILE DEVICES, AND OTHER EMBEDDED SYSTEMS INCLUDES RELEVANT EXAMPLES, EXERCISES, AND MATERIAL HIGHLIGHTING THE EMERGENCE OF MOBILE COMPUTING AND THE CLOUD

INTELLIGENT METHODS SYSTEMS AND APPLICATIONS IN COMPUTING, COMMUNICATIONS AND CONTROL - SIMONA DZITAC 2022-09-24

THE BOOK CONTAINS 37 PAPERS PRESENTED AT THE NINTH EDITION OF THE INTERNATIONAL CONFERENCE OF COMPUTERS, COMMUNICATIONS AND CONTROL—ICCC-2022 HELD IN ORADEA AND BILE FELIX, ROMANIA. A BALANCED SELECTION OF BOTH METHODOLOGICAL AND APPLICATION-ORIENTED PAPERS HAS BEEN MADE TO REFLECT SEVERAL RECENT WORLDWIDE TRENDS AND RESULTS. THE BOOK IS ORGANIZED INTO FIVE SECTIONS: A) INTEGRATED SOLUTIONS IN COMPUTER-BASED CONTROL, B) ADVANCED CONTROL SYSTEMS INTEGRATING COMPUTERS AND COMMUNICATIONS, C) SOFT COMPUTING INCLUDING FUZZY SYSTEM APPROACH, D) DECISION MAKING AND SUPPORT SYSTEMS, AND E) TRUSTWORTHY AND GREEN DESIGN. THE STUDY OF THE PAPERS CONTAINED IN THE BOOK IS USEFUL FOR RESEARCHERS, CONSULTANTS, AND POSTGRADUATE STUDENTS IN COMPUTER SCIENCE AND DESIGN, APPLIED INFORMATICS, CONTROL SYSTEMS, AND INDUSTRIAL ENGINEERING. THE BOOK IS ALSO USED AS AUXILIARY MATERIAL FOR STUDENT-LEVEL COURSES SUCH AS ARTIFICIAL INTELLIGENCE, COMPUTATIONAL INTELLIGENCE, AND DECISION SUPPORT SYSTEMS.

HOW TO AVOID A CLIMATE DISASTER - BILL GATES 2021-02-16

#1 NEW YORK TIMES BEST SELLER • IN THIS URGENT, AUTHORITATIVE BOOK, BILL GATES SETS OUT A WIDE-RANGING, PRACTICAL—AND ACCESSIBLE—PLAN FOR HOW THE WORLD CAN GET TO ZERO GREENHOUSE GAS EMISSIONS IN TIME TO AVOID A CLIMATE CATASTROPHE. BILL GATES HAS SPENT A DECADE INVESTIGATING THE CAUSES AND EFFECTS OF CLIMATE CHANGE. WITH THE HELP OF EXPERTS IN THE FIELDS OF PHYSICS, CHEMISTRY, BIOLOGY, ENGINEERING, POLITICAL SCIENCE, AND FINANCE, HE HAS FOCUSED ON WHAT MUST BE DONE IN ORDER TO STOP THE PLANET'S SLIDE TO CERTAIN ENVIRONMENTAL DISASTER. IN THIS BOOK, HE NOT ONLY EXPLAINS WHY WE NEED TO WORK TOWARD NET-ZERO EMISSIONS OF GREENHOUSE GASES, BUT ALSO DETAILS WHAT WE NEED TO DO TO ACHIEVE THIS PROFOUNDLY IMPORTANT GOAL. HE GIVES US A CLEAR-EYED DESCRIPTION OF THE CHALLENGES WE FACE. DRAWING ON HIS UNDERSTANDING OF INNOVATION AND WHAT IT TAKES TO GET NEW IDEAS INTO THE MARKET, HE DESCRIBES THE AREAS IN WHICH TECHNOLOGY IS ALREADY HELPING TO REDUCE EMISSIONS, WHERE AND HOW THE CURRENT TECHNOLOGY CAN BE MADE TO FUNCTION MORE EFFECTIVELY, WHERE BREAKTHROUGH TECHNOLOGIES ARE NEEDED, AND WHO IS WORKING ON THESE ESSENTIAL INNOVATIONS. FINALLY, HE LAYS OUT A CONCRETE, PRACTICAL PLAN FOR ACHIEVING THE GOAL OF ZERO EMISSIONS—SUGGESTING NOT ONLY POLICIES THAT GOVERNMENTS SHOULD ADOPT, BUT WHAT WE AS INDIVIDUALS CAN DO TO KEEP OUR GOVERNMENT, OUR EMPLOYERS, AND OURSELVES ACCOUNTABLE IN THIS CRUCIAL ENTERPRISE. AS BILL GATES MAKES CLEAR, ACHIEVING ZERO EMISSIONS WILL NOT BE SIMPLE OR EASY TO DO, BUT IF WE FOLLOW THE PLAN HE SETS OUT HERE, IT IS A GOAL FIRMLY WITHIN OUR REACH.

FOCUSING SOLUTIONS FOR DATA MINING - THOMAS REINARTZ 2003-07-31

IN THE FIRST PART, THIS BOOK ANALYZES THE KNOWLEDGE DISCOVERY PROCESS IN ORDER TO UNDERSTAND THE RELATIONS BETWEEN KNOWLEDGE DISCOVERY STEPS AND FOCUSING. THE PART DEVOTED TO THE DEVELOPMENT OF FOCUSING SOLUTIONS OPENS WITH AN ANALYSIS OF THE STATE OF THE ART, THEN INTRODUCES THE RELEVANT TECHNIQUES, AND FINALLY CULMINATES IN IMPLEMENTING A UNIFIED APPROACH AS A GENERIC SAMPLING ALGORITHM, WHICH IS THEN INTEGRATED INTO A COMMERCIAL DATA MINING SYSTEM. THE LAST PART EVALUATES SPECIFIC FOCUSING SOLUTIONS IN VARIOUS APPLICATION DOMAINS. THE BOOK PROVIDES VARIOUS APPENDICES ENHANCING EASY ACCESSIBILITY. THE BOOK PRESENTS A COMPREHENSIVE INTRODUCTION TO FOCUSING IN THE CONTEXT OF DATA MINING AND KNOWLEDGE DISCOVERY. IT IS WRITTEN FOR RESEARCHERS AND ADVANCED STUDENTS, AS WELL AS FOR PROFESSIONALS APPLYING DATA MINING AND KNOWLEDGE DISCOVERY TECHNIQUES IN PRACTICE.

- WILLIAM STALLINGS 2018-07-20

THE PRACTICAL, COMPREHENSIVE GUIDE TO APPLYING CYBERSECURITY BEST PRACTICES AND STANDARDS IN REAL ENVIRONMENTS IN EFFECTIVE CYBERSECURITY, WILLIAM STALLINGS INTRODUCES THE TECHNOLOGY, OPERATIONAL PROCEDURES, AND MANAGEMENT PRACTICES NEEDED FOR SUCCESSFUL CYBERSECURITY. STALLINGS MAKES EXTENSIVE USE OF STANDARDS AND BEST PRACTICES DOCUMENTS THAT ARE OFTEN USED TO GUIDE OR MANDATE CYBERSECURITY IMPLEMENTATION. GOING BEYOND THESE, HE OFFERS IN-DEPTH TUTORIALS ON THE "HOW" OF IMPLEMENTATION, INTEGRATED INTO A UNIFIED FRAMEWORK AND REALISTIC PLAN OF ACTION. EACH CHAPTER CONTAINS A CLEAR TECHNICAL OVERVIEW, AS WELL AS A DETAILED DISCUSSION OF ACTION ITEMS AND APPROPRIATE POLICIES. STALLINGS OFFERS MANY PEDAGOGICAL FEATURES DESIGNED TO HELP READERS MASTER THE MATERIAL: CLEAR LEARNING OBJECTIVES, KEYWORD LISTS, REVIEW QUESTIONS, AND QR CODES LINKING TO RELEVANT STANDARDS DOCUMENTS AND WEB RESOURCES. EFFECTIVE CYBERSECURITY ALIGNS WITH THE COMPREHENSIVE INFORMATION SECURITY FORUM DOCUMENT "THE STANDARD OF GOOD PRACTICE FOR INFORMATION SECURITY," EXTENDING ISF'S WORK WITH EXTENSIVE INSIGHTS FROM ISO, NIST, COBIT, OTHER OFFICIAL STANDARDS AND GUIDELINES, AND MODERN PROFESSIONAL, ACADEMIC, AND INDUSTRY LITERATURE. • UNDERSTAND THE CYBERSECURITY DISCIPLINE AND THE ROLE OF STANDARDS AND BEST PRACTICES • DEFINE SECURITY GOVERNANCE, ASSESS RISKS, AND MANAGE STRATEGY AND TACTICS • SAFEGUARD INFORMATION AND PRIVACY, AND ENSURE GDPR COMPLIANCE • HARDEN SYSTEMS ACROSS THE SYSTEM DEVELOPMENT LIFE CYCLE (SDLC) • PROTECT SERVERS, VIRTUALIZED SYSTEMS, AND STORAGE • SECURE NETWORKS AND ELECTRONIC COMMUNICATIONS, FROM EMAIL TO VOIP • APPLY THE MOST APPROPRIATE METHODS FOR USER AUTHENTICATION • MITIGATE SECURITY RISKS IN SUPPLY CHAINS AND CLOUD ENVIRONMENTS THIS KNOWLEDGE IS INDISPENSABLE TO EVERY CYBERSECURITY PROFESSIONAL. STALLINGS PRESENTS IT SYSTEMATICALLY AND COHERENTLY, MAKING IT PRACTICAL AND ACTIONABLE.

DATA AND COMPUTER COMMUNICATIONS - WILLIAM STALLINGS 2000