

Attc Summary Of Risks Of Ftth

IF YOU ALLY CRAVING SUCH A REFERRED **ATTC SUMMARY OF RISKS OF FTTH** BOOK THAT WILL GIVE YOU WORTH, GET THE ENORMOUSLY BEST SELLER FROM US CURRENTLY FROM SEVERAL PREFERRED AUTHORS. IF YOU DESIRE TO ENTERTAINING BOOKS, LOTS OF NOVELS, TALE, JOKES, AND MORE FICTIONS COLLECTIONS ARE FURTHERMORE LAUNCHED, FROM BEST SELLER TO ONE OF THE MOST CURRENT RELEASED.

YOU MAY NOT BE PERPLEXED TO ENJOY EVERY BOOK COLLECTIONS ATTc SUMMARY OF RISKS OF FTTH THAT WE WILL UNCONDITIONALLY OFFER. IT IS NOT IN THE REGION OF THE COSTS. ITS VIRTUALLY WHAT YOU COMPULSION CURRENTLY. THIS ATTc SUMMARY OF RISKS OF FTTH, AS ONE OF THE MOST DYNAMIC SELLERS HERE WILL COMPLETELY BE IN THE MIDST OF THE BEST OPTIONS TO REVIEW.

How to Accelerate Your Internet ROB FLICKENGER 2006-10-01

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

RIOT CONTROL TYSON MACAULAY 2016-09-16 RIOT CONTROL: UNDERSTANDING AND MANAGING RISKS AND THE INTERNET OF THINGS EXPLAINS IoT RISK IN TERMS OF PROJECT REQUIREMENTS, BUSINESS NEEDS, AND SYSTEM DESIGNS. LEARN HOW THE INTERNET OF THINGS (IoT) IS DIFFERENT FROM “REGULAR ENTERPRISE SECURITY, MORE INTRICATE AND MORE COMPLEX TO UNDERSTAND AND MANAGE. BILLIONS OF INTERNET-CONNECTED DEVICES MAKE FOR A CHAOTIC SYSTEM, PRONE TO UNEXPECTED BEHAVIORS. INDUSTRIES CONSIDERING IoT TECHNOLOGIES NEED GUIDANCE ON IoT-READY SECURITY AND RISK MANAGEMENT PRACTICES TO ENSURE KEY MANAGEMENT OBJECTIVES LIKE FINANCIAL AND MARKET SUCCESS, AND REGULATORY COMPLIANCE. UNDERSTAND THE THREATS AND VULNERABILITIES OF THE IoT, INCLUDING ENDPOINTS, NEWLY EMERGED FORMS OF GATEWAY, NETWORK CONNECTIVITY, AND CLOUD-BASED DATA CENTERS. GAIN INSIGHTS AS TO WHICH EMERGING TECHNIQUES ARE BEST ACCORDING TO YOUR SPECIFIC IoT SYSTEM, ITS RISKS, AND ORGANIZATIONAL NEEDS. AFTER A THOROUGH INTRODUCTION TO THE IoT, RIOT CONTROL EXPLORES DOZENS OF IoT-SPECIFIC RISK MANAGEMENT REQUIREMENTS, EXAMINES IoT-SPECIFIC THREATS AND FINALLY PROVIDES RISK MANAGEMENT RECOMMENDATIONS WHICH ARE INTENDED AS APPLICABLE TO A WIDE RANGE OF USE-CASES. EXPLAINS SOURCES OF RISK ACROSS IoT ARCHITECTURES AND PERFORMANCE METRICS AT THE ENTERPRISE LEVEL UNDERSTANDS RISK AND SECURITY CONCERNS IN THE NEXT-GENERATION OF CONNECTED DEVICES BEYOND COMPUTERS AND MOBILE CONSUMER DEVICES TO EVERYDAY OBJECTS, TOOLS, AND DEVICES OFFERS INSIGHT FROM INDUSTRY INSIDERS ABOUT EMERGING TOOLS AND TECHNIQUES FOR REAL-WORLD IoT SYSTEMS

NETWORK INFRASTRUCTURE AND ARCHITECTURE KRZYSZTOF INIEWSKI 2008-04-11 A COMPREHENSIVE, THOROUGH INTRODUCTION TO HIGH-SPEED NETWORKING TECHNOLOGIES AND PROTOCOLS NETWORK INFRASTRUCTURE AND ARCHITECTURE: DESIGNING HIGH-AVAILABILITY NETWORKS TAKES A UNIQUE APPROACH TO THE SUBJECT BY COVERING THE IDEAS UNDERLYING NETWORKS, THE ARCHITECTURE OF THE NETWORK ELEMENTS, AND THE IMPLEMENTATION OF THESE ELEMENTS IN OPTICAL AND VLSI TECHNOLOGIES. ADDITIONALLY, IT FOCUSES ON AREAS NOT WIDELY COVERED IN EXISTING BOOKS: PHYSICAL TRANSPORT AND SWITCHING, THE PROCESS AND TECHNIQUE OF BUILDING NETWORKING HARDWARE, AND NEW TECHNOLOGIES BEING DEPLOYED IN THE MARKETPLACE, SUCH AS METRO WAVE DIVISION MULTIPLEXING (MWDm), RESILIENT PACKET RINGS (RPR), OPTICAL ETHERNET, AND MORE. DIVIDED INTO FIVE SUCCINCT PARTS, THE BOOK COVERS: OPTICAL TRANSMISSION NETWORKING PROTOCOLS VLSI CHIPS DATA SWITCHING NETWORKING ELEMENTS AND DESIGN COMPLETE WITH CASE STUDIES, EXAMPLES, AND EXERCISES THROUGHOUT, THE BOOK IS COMPLEMENTED WITH CHAPTER GOALS, SUMMARIES, AND LISTS OF KEY POINTS TO AID READERS IN GRASPING THE MATERIAL PRESENTED. NETWORK INFRASTRUCTURE AND ARCHITECTURE OFFERS PROFESSIONALS, ADVANCED UNDERGRADUATES, AND GRADUATE STUDENTS A FRESH VIEW ON HIGH-SPEED NETWORKING FROM THE PHYSICAL LAYER PERSPECTIVE.

INTRODUCTION TO INFORMATION SYSTEMS R. KELLY RAINER 2008-01-09 WHAT'S IN IT FOR ME? INFORMATION TECHNOLOGY LIVES ALL AROUND US-IN HOW WE COMMUNICATE, HOW WE DO BUSINESS, HOW WE SHOP, AND HOW WE LEARN. SMART PHONES, IPODS, PDAs, AND WIRELESS DEVICES DOMINATE OUR LIVES, AND YET IT'S ALL TOO EASY FOR STUDENTS TO TAKE INFORMATION TECHNOLOGY FOR GRANTED. RAINER AND TURBAN'S INTRODUCTION TO INFORMATION SYSTEMS, 2ND EDITION HELPS MAKE INFORMATION TECHNOLOGY COME ALIVE IN THE CLASSROOM. THIS TEXT TAKES STUDENTS WHERE IT LIVES-IN TODAY'S BUSINESSES AND IN OUR DAILY LIVES WHILE HELPING STUDENTS UNDERSTAND HOW VALUABLE INFORMATION TECHNOLOGY IS TO THEIR FUTURE CAREERS. THE NEW EDITION PROVIDES CONCISE AND ACCESSIBLE COVERAGE OF CORE IT TOPICS WHILE CONNECTING THESE TOPICS TO ACCOUNTING, FINANCE, MARKETING, MANAGEMENT, HUMAN RESOURCES, AND OPERATIONS, SO STUDENTS CAN DISCOVER HOW

CRITICAL IT IS TO EACH FUNCTIONAL AREA AND EVERY BUSINESS. ALSO AVAILABLE WITH THIS EDITION IS WILEYPLUS - A POWERFUL ONLINE TOOL THAT PROVIDES INSTRUCTORS AND STUDENTS WITH AN INTEGRATED SUITE OF TEACHING AND LEARNING RESOURCES IN ONE EASY-TO-USE WEBSITE. THE WILEYPLUS COURSE FOR INTRODUCTION TO INFORMATION SYSTEMS, 2ND EDITION INCLUDES ANIMATED TUTORIALS IN MICROSOFT OFFICE 2007, WITH IPOD CONTENT AND PODCASTS OF CHAPTER SUMMARIES PROVIDED BY AUTHOR KELLY RAINER.

CITY OF LIGHT JEFF HECHT 2004 THIS BOOK IS LIKELY TO BECOME THE DEFINITIVE HISTORY OF THE DEVELOPMENT OF FIBER OPTICS. IT COVERS THE SCIENTIFIC CHALLENGES THAT NEEDED TO BE OVERCOME AND DESCRIBES BOTH CURRENT AND FUTURE APPLICATIONS.

GRID NETWORKS FRANCO TRAVOSTINO 2006-07-11 A BOOK THAT BRIDGES THE GAP BETWEEN THE COMMUNITIES OF NETWORK AND GRID EXPERTS. GRID NETWORKS DESCRIBES THE CONVERGENCE OF ADVANCED NETWORKING TECHNOLOGIES AND GRID TECHNOLOGIES, WITH SPECIAL FOCUS ON THEIR SYMBIOTIC RELATIONSHIP AND THE RESULTING NEW OPPORTUNITIES. GRID TECHNOLOGY IS APPLICABLE TO MANY IMPLEMENTATIONS, COMPUTATIONAL GRIDS, DATA GRIDS, SERVICE GRIDS, AND INSTRUMENTATION GRIDS. THE AUTHORS COVER A BREADTH OF TOPICS INCLUDING RECENT RESEARCH, FEATURING BOTH THEORETICAL CONCEPTS AND EMPIRICAL RESULTS. BEGINNING WITH AN OVERVIEW OF GRID TECHNOLOGIES, AN ANALYSIS OF DISTINGUISHING USE CASES AND ARCHITECTURAL ATTRIBUTES, AND EMERGING STANDARDS. TRAVOSTINO ET AL. DISCUSS NEW DIRECTIONS IN MULTIPLE NETWORKING TECHNOLOGIES THAT ARE ENABLING ENHANCED CAPABILITIES FOR GRIDS. AN APPENDIX ALSO PROVIDES AN OVERVIEW OF EXPERIMENTAL RESEARCH TEST-BEDS AND PROTOTYPE IMPLEMENTATIONS. THESE TOPICS WILL ENABLE NETWORK EXPERTS TO DESIGN NETWORKS TO BEST MATCH GRID REQUIREMENTS, WHILE GRID EXPERTS WILL LEARN HOW TO EFFECTIVELY UTILIZE NETWORK RESOURCES. GRID NETWORKS: ENABLING GRIDS WITH ADVANCED COMMUNICATION TECHNOLOGY: BRIDGES THE GAP BETWEEN THE COMMUNITIES OF NETWORK AND GRID EXPERTS. COVERS NEW NETWORK REQUIREMENTS POSED BY THE GRID, AND THE PARADIGM SHIFTS PROMPTED BY GRID APPLICATIONS. DISCUSSES BASIC ARCHITECTURAL CONCEPTS AND DIRECTIONS RELATED TO THE INTEGRATION OF GRID AND NETWORKING TECHNOLOGIES, ESPECIALLY THOSE THAT ELEVATE NETWORK RESOURCES TO FIRST CLASS ENTITIES WITHIN GRID ENVIRONMENTS. DETAILS NEW DIRECTIONS IN NETWORKING TECHNOLOGIES FOR THE GRID, INCLUDING NETWORK INFRASTRUCTURE & MANAGEMENT, SERVICE PROVISIONING, HIGH PERFORMANCE DATA TRANSPORT, PERFORMANCE MONITORING, RELIABILITY, AND NETWORK-ASSISTED SERVICE FRAMEWORKS. PROVIDES AN OVERVIEW OF ADVANCED RESEARCH TESTBEDS AND INNOVATIVE EARLY IMPLEMENTATIONS OF EMERGING ARCHITECTURE AND TECHNOLOGY. MANY COMMUNITIES WILL FIND THIS BOOK AN INVALUABLE RESOURCE, INCLUDING ENGINEERS AND PRODUCT MANAGERS, RESEARCH SCIENTISTS WITHIN ACADEMIA, INDUSTRY, AND GOVERNMENT AGENCIES, ADVANCED STUDENTS AND FACULTY IN DISTRIBUTED SYSTEMS COURSES, NETWORK AND SYSTEMS ARCHITECTS, CIOs, ADMINISTRATORS OF ADVANCED NETWORKS, APPLICATION DEVELOPERS, AND PROVIDERS OF NEXT GENERATION DISTRIBUTED SERVICES.

THE FIFTH RISK MICHAEL LEWIS 2018-10-02 NEW YORK TIMES BESTSELLER WHAT ARE THE CONSEQUENCES IF THE PEOPLE GIVEN CONTROL OVER OUR GOVERNMENT HAVE NO IDEA HOW IT WORKS? "THE ELECTION HAPPENED," REMEMBERS ELIZABETH SHERWOOD-RANDALL, THEN DEPUTY SECRETARY OF THE DEPARTMENT OF ENERGY. "AND THEN THERE WAS RADIO SILENCE." ACROSS ALL DEPARTMENTS, SIMILAR STORIES WERE PLAYING OUT: TRUMP APPOINTEES WERE FEW AND FAR BETWEEN; THOSE THAT DID SHOW UP WERE SHOCKINGLY UNINFORMED ABOUT THE FUNCTIONS OF THEIR NEW WORKPLACE. SOME EVEN THREW AWAY THE BRIEFING BOOKS THAT HAD BEEN PREPARED FOR THEM. MICHAEL LEWIS'S BRILLIANT NARRATIVE TAKES US INTO THE ENGINE ROOMS OF A GOVERNMENT UNDER ATTACK BY ITS OWN LEADERS. IN AGRICULTURE THE FUNDING OF VITAL PROGRAMS LIKE FOOD STAMPS AND SCHOOL LUNCHES IS BEING SLASHED. THE COMMERCE DEPARTMENT MAY NOT HAVE ENOUGH STAFF TO CONDUCT THE 2020 CENSUS PROPERLY. OVER AT ENERGY, WHERE INTERNATIONAL NUCLEAR RISK IS MANAGED, IT'S NOT CLEAR THERE WILL BE ENOUGH INSPECTORS TO TRACK AND LOCATE BLACK MARKET URANIUM BEFORE TERRORISTS DO. WILLFUL IGNORANCE PLAYS A ROLE IN THESE LOOMING DISASTERS. IF YOUR AMBITION IS TO MAXIMIZE SHORT-TERM GAINS WITHOUT REGARD TO THE LONG-TERM COST, YOU ARE BETTER OFF NOT KNOWING THOSE COSTS. IF YOU WANT TO PRESERVE YOUR PERSONAL IMMUNITY TO THE HARD PROBLEMS, IT'S BETTER NEVER TO REALLY UNDERSTAND THOSE PROBLEMS. THERE IS UPSIDE TO IGNORANCE, AND DOWNSIDE TO KNOWLEDGE. KNOWLEDGE MAKES LIFE MESSIER. IT MAKES IT A BIT MORE DIFFICULT FOR A PERSON WHO WISHES TO SHRINK THE WORLD TO A WORLDVIEW. IF THERE ARE DANGEROUS FOOLS IN THIS BOOK, THERE ARE ALSO HEROES, UNSUNG, OF COURSE. THEY ARE THE LINCHPINS OF THE SYSTEM—THOSE PUBLIC SERVANTS WHOSE KNOWLEDGE, DEDICATION, AND PROACTIVITY KEEP THE MACHINERY RUNNING. MICHAEL LEWIS FINDS THEM, AND HE ASKS THEM WHAT KEEPS THEM UP AT NIGHT.

CYBERSECURITY IN FRANCE PHILIPPE BAUMARD 2017-05-02 THIS BRIEF PRESENTS THE OVERARCHING FRAMEWORK IN WHICH EACH NATION IS DEVELOPING ITS OWN CYBER-SECURITY POLICY, AND THE UNIQUE POSITION ADOPTED BY FRANCE. MODERN INFORMATIONAL CRISES HAVE PENETRATED MOST SOCIETAL ARENAS, FROM HEALTHCARE, POLITICS, ECONOMICS TO THE CONDUCT OF BUSINESS AND WELFARE. WITNESSING A CONVERGENCE BETWEEN INFORMATION WARFARE AND THE USE OF "FAKE NEWS", INFO-DESTABILIZATION, COGNITIVE WARFARE AND CYBERWAR, THIS BOOK BRINGS A UNIQUE PERSPECTIVE ON MODERN CYBERWARFARE

CAMPAIGNS, ESCALATION AND DE-ESCALATION OF CYBER-CONFLICTS. AS ORGANIZATIONS ARE MORE AND MORE DEPENDENT ON INFORMATION FOR THE CONTINUITY AND STABILITY OF THEIR OPERATIONS, THEY ALSO BECOME MORE VULNERABLE TO CYBER-DESTABILIZATION, EITHER GENUINE, OR DELIBERATE FOR THE PURPOSE OF GAINING GEOPOLITICAL ADVANTAGE, WAGING WARS, CONDUCTING INTELLECTUAL THEFT AND A WIDE RANGE OF CRIMES. SUBSEQUENTLY, THE REGULATION OF CYBERSPACE HAS GROWN INTO AN INTERNATIONAL EFFORT WHERE PUBLIC, PRIVATE AND SOVEREIGN INTERESTS OFTEN COLLIDE. BY ANALYZING THE PARTICULAR CASE OF FRANCE NATIONAL STRATEGY AND CAPABILITIES, THE AUTHORS INVESTIGATE THE DIFFICULTY OF OBTAINING A GLOBAL AGREEMENT ON THE REGULATION OF CYBER-WARFARE. A REVIEW OF THE MOTIVES FOR DISAGREEMENT BETWEEN PARTIES SUGGESTS THAT THE CURRENT REGULATION FRAMEWORK IS NOT ADAPTED TO THE CURRENT TECHNOLOGICAL CHANGE IN THE CYBERSECURITY DOMAIN. THIS BOOK SUGGESTS A PARADIGM SHIFT IN HANDLING AND ANCHORING CYBER-REGULATION INTO A NEW REALM OF BEHAVIORAL AND COGNITIVE SCIENCES, AND THEIR APPLICATION TO MACHINE LEARNING AND CYBER-DEFENSE.

LEARNING FROM MEGADISASTERS FEDERICA RANGHIERI 2014-06-26 WHILE NOT ALL NATURAL DISASTERS CAN BE AVOIDED, THEIR IMPACT ON A POPULATION CAN BE MITIGATED THROUGH EFFECTIVE PLANNING AND PREPAREDNESS. THESE ARE THE LESSONS TO BE LEARNED FROM JAPAN'S OWN MEGADISASTER: THE GREAT EAST JAPAN EARTHQUAKE OF 2011, THE FIRST DISASTER EVER RECORDED THAT INCLUDED AN EARTHQUAKE, A TSUNAMI, A NUCLEAR POWER PLANT ACCIDENT, A POWER SUPPLY FAILURE, AND A LARGE-SCALE DISRUPTION OF SUPPLY CHAINS. IT IS A SAD FACT THAT POOR COMMUNITIES ARE OFTEN HARDEST HIT AND TAKE THE LONGEST TO RECOVER FROM DISASTER. DISASTER RISK MANAGEMENT (DRM) SHOULD THEREFORE BE TAKEN INTO ACCOUNT AS A MAJOR DEVELOPMENT CHALLENGE, AND COUNTRIES MUST SHIFT FROM A TRADITION OF RESPONSE TO A CULTURE OF PREVENTION AND RESILIENCE. LEARNING FROM MEGADISASTERS: LESSONS FROM THE GREAT EAST JAPAN EARTHQUAKE CONSOLIDATES A SET OF 36 KNOWLEDGE NOTES, RESEARCH RESULTS OF A JOINT STUDY UNDERTAKEN BY THE GOVERNMENT OF JAPAN AND THE WORLD BANK. THESE NOTES HIGHLIGHT KEY LESSONS LEARNED IN SEVEN DRM THEMATIC CLUSTERS—STRUCTURAL MEASURES; NONSTRUCTURAL MEASURES; EMERGENCY RESPONSE; RECONSTRUCTION PLANNING; HAZARD AND RISK INFORMATION AND DECISION MAKING; THE ECONOMICS OF DISASTER RISK, RISK MANAGEMENT, AND RISK FINANCING; AND RECOVERY AND RELOCATION. AIMED AT SHARING JAPANESE CUTTING-EDGE KNOWLEDGE WITH PRACTITIONERS AND DECISION MAKERS, THIS BOOK PROVIDES VALUABLE GUIDANCE TO OTHER DISASTER-PRONE COUNTRIES FOR MAINSTREAMING DRM IN THEIR DEVELOPMENT POLICIES AND WEATHERING THEIR OWN NATURAL DISASTERS.

HIGH PERFORMANCE BROWSER NETWORKING ILYA GRIGORIK 2013-09-11 HOW PREPARED ARE YOU TO BUILD FAST AND EFFICIENT WEB APPLICATIONS? THIS ELOQUENT BOOK PROVIDES WHAT EVERY WEB DEVELOPER SHOULD KNOW ABOUT THE NETWORK, FROM FUNDAMENTAL LIMITATIONS THAT AFFECT PERFORMANCE TO MAJOR INNOVATIONS FOR BUILDING EVEN MORE POWERFUL BROWSER APPLICATIONS—including HTTP 2.0 AND XHR IMPROVEMENTS, SERVER-SENT EVENTS (SSE), WEBSOCKET, AND WEBRTC. AUTHOR ILYA GRIGORIK, A WEB PERFORMANCE ENGINEER AT GOOGLE, DEMONSTRATES PERFORMANCE OPTIMIZATION BEST PRACTICES FOR TCP, UDP, AND TLS PROTOCOLS, AND EXPLAINS UNIQUE WIRELESS AND MOBILE NETWORK OPTIMIZATION REQUIREMENTS. YOU'LL THEN DIVE INTO PERFORMANCE CHARACTERISTICS OF TECHNOLOGIES SUCH AS HTTP 2.0, CLIENT-SIDE NETWORK SCRIPTING WITH XHR, REAL-TIME STREAMING WITH SSE AND WEBSOCKET, AND P2P COMMUNICATION WITH WEBRTC. DELIVER SUPERLATIVE TCP, UDP, AND TLS PERFORMANCE SPEED UP NETWORK PERFORMANCE OVER 3G/4G MOBILE NETWORKS DEVELOP FAST AND ENERGY-EFFICIENT MOBILE APPLICATIONS ADDRESS BOTTLENECKS IN HTTP 1.X AND OTHER BROWSER PROTOCOLS PLAN FOR AND DELIVER THE BEST HTTP 2.0 PERFORMANCE ENABLE EFFICIENT REAL-TIME STREAMING IN THE BROWSER CREATE EFFICIENT PEER-TO-PEER VIDEOCONFERENCING AND LOW-LATENCY APPLICATIONS WITH REAL-TIME WEBRTC TRANSPORTS

THE BIG SHORT: INSIDE THE DOOMSDAY MACHINE MICHAEL LEWIS 2011-02-01 THE #1 NEW YORK TIMES BESTSELLER: "IT IS THE WORK OF OUR GREATEST FINANCIAL JOURNALIST, AT THE TOP OF HIS GAME. AND IT'S ESSENTIAL READING."—GRAYDON CARTER, VANITY FAIR THE REAL STORY OF THE CRASH BEGAN IN BIZARRE FEEDER MARKETS WHERE THE SUN DOESN'T SHINE AND THE SEC DOESN'T DARE, OR BOTHER, TO TREAD: THE BOND AND REAL ESTATE DERIVATIVE MARKETS WHERE GEEKS INVENT IMPENETRABLE SECURITIES TO PROFIT FROM THE MISERY OF LOWER- AND MIDDLE-CLASS AMERICANS WHO CAN'T PAY THEIR DEBTS. THE SMART PEOPLE WHO UNDERSTOOD WHAT WAS OR MIGHT BE HAPPENING WERE PARALYZED BY HOPE AND FEAR; IN ANY CASE, THEY WEREN'T TALKING. MICHAEL LEWIS CREATES A FRESH, CHARACTER-DRIVEN NARRATIVE BRIMMING WITH INDIGNATION AND DARK HUMOR, A FITTING SEQUEL TO HIS #1 BESTSELLER LIAR'S POKER. OUT OF A HANDFUL OF UNLIKELY-REALLY UNLIKELY-HEROES, LEWIS FASHIONS A STORY AS COMPELLING AND UNUSUAL AS ANY OF HIS EARLIER BESTSELLERS, PROVING YET AGAIN THAT HE IS THE FINEST AND FUNNIEST CHRONICLER OF OUR TIME.

REMEMBERING AND FORGETTING IN THE DIGITAL AGE FLORENT THOUVENIN 2018-08-24 THIS BOOK EXAMINES THE FUNDAMENTAL QUESTION OF HOW LEGISLATORS AND OTHER RULE-MAKERS SHOULD HANDLE REMEMBERING AND FORGETTING INFORMATION (ESPECIALLY PERSONALLY IDENTIFIABLE INFORMATION) IN THE DIGITAL AGE. IT ENCOMPASSES SUCH TOPICS AS PRIVACY, DATA PROTECTION, INDIVIDUAL AND COLLECTIVE MEMORY, AND THE RIGHT TO BE FORGOTTEN WHEN CONSIDERING DATA STORAGE,

PROCESSING AND DELETION. THE AUTHORS ARGUE IN SUPPORT OF MAINTAINING THE NEW DIGITAL DEFAULT, THAT (PERSONALLY IDENTIFIABLE) INFORMATION SHOULD BE REMEMBERED RATHER THAN FORGOTTEN. THE BOOK OFFERS GUIDELINES FOR LEGISLATORS AS WELL AS PRIVATE AND PUBLIC ORGANIZATIONS ON HOW TO MAKE DECISIONS ON REMEMBERING AND FORGETTING PERSONALLY IDENTIFIABLE INFORMATION IN THE DIGITAL AGE. IT DRAWS ON THREE MAIN PERSPECTIVES: LAW, BASED ON A COMPREHENSIVE ANALYSIS OF SWISS LAW THAT SERVES AS AN EXAMPLE; TECHNOLOGY, SPECIFICALLY SEARCH ENGINES, INTERNET ARCHIVES, SOCIAL MEDIA AND THE MOBILE INTERNET; AND AN INTERDISCIPLINARY PERSPECTIVE WITH CONTRIBUTIONS FROM VARIOUS DISCIPLINES SUCH AS PHILOSOPHY, ANTHROPOLOGY, SOCIOLOGY, PSYCHOLOGY, AND ECONOMICS, AMONGST OTHERS.. THANKS TO THIS MULTIFACETED APPROACH, READERS WILL BENEFIT FROM A HOLISTIC VIEW OF THE INFORMATIONAL PHENOMENON OF “REMEMBERING AND FORGETTING”. THIS BOOK WILL APPEAL TO LAWYERS, PHILOSOPHERS, SOCIOLOGISTS, HISTORIANS, ECONOMISTS, ANTHROPOLOGISTS, AND PSYCHOLOGISTS AMONG MANY OTHERS. SUCH WIDE APPEAL IS DUE TO ITS RICH AND INTERDISCIPLINARY APPROACH TO THE CHALLENGES FOR INDIVIDUALS AND SOCIETY AT LARGE WITH REGARD TO REMEMBERING AND FORGETTING IN THE DIGITAL AGE.

THE UNDOING PROJECT: A FRIENDSHIP THAT CHANGED OUR MINDS MICHAEL LEWIS 2016-12-06 “BRILLIANT. . . LEWIS HAS GIVEN US A SPECTACULAR ACCOUNT OF TWO GREAT MEN WHO FACED UP TO UNCERTAINTY AND THE LIMITS OF HUMAN REASON.” —WILLIAM EASTERLY, WALL STREET JOURNAL FORTY YEARS AGO, ISRAELI PSYCHOLOGISTS DANIEL KAHNEMAN AND AMOS TVERSKY WROTE A SERIES OF BREATHTAKINGLY ORIGINAL PAPERS THAT INVENTED THE FIELD OF BEHAVIORAL ECONOMICS. ONE OF THE GREATEST PARTNERSHIPS IN THE HISTORY OF SCIENCE, KAHNEMAN AND TVERSKY’S EXTRAORDINARY FRIENDSHIP INCITED A REVOLUTION IN BIG DATA STUDIES, ADVANCED EVIDENCE-BASED MEDICINE, LED TO A NEW APPROACH TO GOVERNMENT REGULATION, AND MADE MUCH OF MICHAEL LEWIS’S OWN WORK POSSIBLE. IN THE UNDOING PROJECT, LEWIS SHOWS HOW THEIR NOBEL PRIZE-WINNING THEORY OF THE MIND ALTERED OUR PERCEPTION OF REALITY.

THE ESSENTIAL GUIDE TO TELECOMMUNICATIONS ANNABEL Z. DODD 2019-03-19 “ANNABEL DODD HAS COGENTLY UNTANGLED THE WIRES AND SWITCHES AND TECHNOBABBLE OF THE TELECOMMUNICATIONS REVOLUTION AND EXPLAINED HOW THE INTRODUCTION OF THE WORD ‘DIGITAL’ INTO OUR LEGISLATIVE AND REGULATORY LEXICON WILL AFFECT CONSUMERS, COMPANIES AND SOCIETY INTO THE NEXT MILLENNIUM.” – UNITED STATES SENATOR EDWARD J. MARKEY OF MASSACHUSETTS; MEMBER, U.S. SENATE SUBCOMMITTEE ON COMMUNICATIONS, TECHNOLOGY, INNOVATION, AND THE INTERNET “ANNABEL DODD HAS A UNIQUE KNACK FOR EXPLAINING COMPLEX TECHNOLOGIES IN UNDERSTANDABLE WAYS. THIS LATEST REVISION OF HER BOOK COVERS THE RAPID CHANGES IN THE FIELDS OF BROADBAND, CELLULAR, AND STREAMING TECHNOLOGIES; NEWLY DEVELOPING 5G NETWORKS; AND THE CONSTANT CHANGES HAPPENING IN BOTH WIRED AND WIRELESS NETWORKS. THIS BOOK IS A MUST-READ FOR ANYONE WHO WANTS TO UNDERSTAND THE RAPIDLY EVOLVING WORLD OF TELECOMMUNICATIONS IN THE 21ST CENTURY!” – DAVID MASH, RETIRED SENIOR VICE PRESIDENT FOR INNOVATION, STRATEGY, AND TECHNOLOGY, BERKLEE COLLEGE OF MUSIC COMPLETELY UPDATED FOR CURRENT TRENDS AND TECHNOLOGIES, THE ESSENTIAL GUIDE TO TELECOMMUNICATIONS, SIXTH EDITION, IS THE WORLD’S TOP-SELLING, ACCESSIBLE GUIDE TO THE FAST-CHANGING GLOBAL TELECOMMUNICATIONS INDUSTRY. WRITING IN EASY-TO-UNDERSTAND LANGUAGE, DODD DEMYSTIFIES TODAY’S MOST SIGNIFICANT TECHNOLOGIES, STANDARDS, ARCHITECTURES, AND TRENDS. SHE INTRODUCES LEADING PROVIDERS WORLDWIDE, EXPLAINS WHERE THEY FIT IN THE MARKETPLACE, AND REVEALS THEIR KEY STRATEGIES. NEW TOPICS COVERED IN THIS EDITION INCLUDE: LTE ADVANCED AND 5G WIRELESS, MODERN SECURITY THREATS AND COUNTERMEASURES, EMERGING APPLICATIONS, AND BREAKTHROUGH TECHNIQUES FOR BUILDING MORE SCALABLE, MANAGEABLE NETWORKS. GAIN A PRACTICAL UNDERSTANDING OF MODERN CELLULAR, WI-FI, INTERNET, CLOUD, AND CARRIER TECHNOLOGIES DISCOVER HOW KEY TECHNICAL, BUSINESS, AND REGULATORY INNOVATIONS ARE CHANGING THE INDUSTRY SEE HOW STREAMING VIDEO, SOCIAL MEDIA, CLOUD COMPUTING, SMARTPHONES, AND THE INTERNET OF THINGS ARE TRANSFORMING NETWORKS EXPLORE GROWING CONCERNS ABOUT SECURITY AND PRIVACY, AND REVIEW MODERN STRATEGIES FOR DETECTING AND MITIGATING NETWORK BREACHES LEARN HOW SOFTWARE DEFINED NETWORKS (SDN) AND NETWORK FUNCTION VIRTUALIZATION (NFV) ADD INTELLIGENCE TO NETWORKS, ENABLING AUTOMATION, FLEXIBLE CONFIGURATIONS, AND ADVANCED NETWORKS PREVIEW CUTTING-EDGE, TELECOM-ENABLED APPLICATIONS AND GEAR-FROM MOBILE PAYMENTS TO DRONES WHETHER YOU’RE AN ASPIRING NETWORK ENGINEER LOOKING FOR A BROAD UNDERSTANDING OF THE INDUSTRY, OR A SALESPERSON, MARKETER, INVESTOR, OR CUSTOMER, THIS INDISPENSABLE GUIDE PROVIDES EVERYTHING YOU NEED TO KNOW ABOUT TELECOMMUNICATIONS RIGHT NOW. THIS NEW EDITION IS IDEAL FOR BOTH SELF-STUDY AND CLASSROOM INSTRUCTION. REGISTER YOUR PRODUCT FOR CONVENIENT ACCESS TO DOWNLOADS, UPDATES, AND/OR CORRECTIONS AS THEY BECOME AVAILABLE.

THE ECONOMIST 1939-07

OPTICAL FIBER AND WIRELESS COMMUNICATIONS RASTISLAV R[?] KA 2017-06-21 THE BOOK OPTICAL FIBER AND WIRELESS COMMUNICATIONS PROVIDES A PLATFORM FOR PRACTICING RESEARCHERS, ACADEMICS, PHD STUDENTS, AND OTHER SCIENTISTS TO REVIEW, PLAN, DESIGN, ANALYZE, EVALUATE, INTEND, PROCESS, AND IMPLEMENT DIVERSIFORM ISSUES OF OPTICAL FIBER AND

WIRELESS SYSTEMS AND NETWORKS, OPTICAL TECHNOLOGY COMPONENTS, OPTICAL SIGNAL PROCESSING, AND SECURITY. THE 17 CHAPTERS OF THE BOOK DEMONSTRATE CAPABILITIES AND POTENTIALITIES OF OPTICAL COMMUNICATION TO SOLVE SCIENTIFIC AND ENGINEERING PROBLEMS WITH VARIED DEGREES OF COMPLEXITY.

E-COMMERCE STRATEGY ZHENG QIN 2014-10-30 E-COMMERCE STRATEGY BUILDS AWARENESS AND SHARPENS READERS' UNDERSTANDING OF THE KEY ISSUES ABOUT E-COMMERCE STRATEGIES. TO LINK THEORY OF E-COMMERCE STRATEGY WITH PRACTICE IN THE REAL WORLD, IT BRINGS TOGETHER THEORETICAL PERSPECTIVES BASED ON ACADEMIC RESEARCH, INTEGRATED USE OF TECHNOLOGIES AND LARGE AMOUNT OF CASES, ESPECIALLY THOSE OF CHINA. WITH REGARD TO THE INNOVATIVE TECHNICAL STANDARDS AND FRAMEWORKS, IT PROPOSES STRATEGIC ANALYSIS FROM A TECHNICAL POINT OF VIEW. THE BOOK IS INTENDED FOR POSTGRADUATE STUDENTS IN E-COMMERCE AND COMPUTER SCIENCE AS WELL AS GOVERNMENT OFFICIALS, ENTREPRENEURS AND MANAGERS. PROF. ZHENG QIN IS THE DIRECTOR OF SOFTWARE ENGINEERING AND MANAGEMENT RESEARCH INSTITUTE, TSINGHUA UNIVERSITY, CHINA; DR. SHUNDONG LI IS A PROFESSOR AT THE SCHOOL OF COMPUTER SCIENCE, SHAANXI NORMAL UNIVERSITY, CHINA; DR. YANG CHANG AND DR. FENGXIANG LI ARE BOTH RESEARCH ASSISTANTS AT THE SCHOOL OF SOFTWARE, TSINGHUA UNIVERSITY, CHINA.

HARDENING CISCO ROUTERS THOMAS AKIN 2002-02-21 AS A NETWORK ADMINISTRATOR, AUDITOR OR ARCHITECT, YOU KNOW THE IMPORTANCE OF SECURING YOUR NETWORK AND FINDING SECURITY SOLUTIONS YOU CAN IMPLEMENT QUICKLY. THIS SUCCINCT BOOK DEPARTS FROM OTHER SECURITY LITERATURE BY FOCUSING EXCLUSIVELY ON WAYS TO SECURE CISCO ROUTERS, RATHER THAN THE ENTIRE NETWORK. THE RATIONALE IS SIMPLE: IF THE ROUTER PROTECTING A NETWORK IS EXPOSED TO HACKERS, THEN SO IS THE NETWORK BEHIND IT. HARDENING CISCO ROUTERS IS A REFERENCE FOR PROTECTING THE PROTECTORS. INCLUDED ARE THE FOLLOWING TOPICS: THE IMPORTANCE OF ROUTER SECURITY AND WHERE ROUTERS FIT INTO AN OVERALL SECURITY PLAN DIFFERENT ROUTER CONFIGURATIONS FOR VARIOUS VERSIONS OF CISCO'S IOS STANDARD WAYS TO ACCESS A CISCO ROUTER AND THE SECURITY IMPLICATIONS OF EACH PASSWORD AND PRIVILEGE LEVELS IN CISCO ROUTERS AUTHENTICATION, AUTHORIZATION, AND ACCOUNTING (AAA) CONTROL ROUTER WARNING BANNER USE (AS RECOMMENDED BY THE FBI) UNNECESSARY PROTOCOLS AND SERVICES COMMONLY RUN ON CISCO ROUTERS SNMP SECURITY ANTI-SPOOFING PROTOCOL SECURITY FOR RIP, OSPF, EIGRP, NTP, AND BGP LOGGING VIOLATIONS INCIDENT RESPONSE PHYSICAL SECURITY WRITTEN BY THOMAS AKIN, AN EXPERIENCED CERTIFIED INFORMATION SYSTEMS SECURITY PROFESSIONAL (CISSP) AND CERTIFIED CISCO ACADEMIC INSTRUCTOR (CCAI), THE BOOK IS WELL ORGANIZED, EMPHASIZING PRACTICALITY AND A HANDS-ON APPROACH. AT THE END OF EACH CHAPTER, AKIN INCLUDES A CHECKLIST THAT SUMMARIZES THE HARDENING TECHNIQUES DISCUSSED IN THE CHAPTER. THE CHECKLISTS HELP YOU DOUBLE-CHECK THE CONFIGURATIONS YOU HAVE BEEN INSTRUCTED TO MAKE, AND SERVE AS QUICK REFERENCES FOR FUTURE SECURITY PROCEDURES. CONCISE AND TO THE POINT, HARDENING CISCO ROUTERS SUPPLIES YOU WITH ALL THE TOOLS NECESSARY TO TURN A POTENTIAL VULNERABILITY INTO A STRENGTH. IN AN AREA THAT IS OTHERWISE POORLY DOCUMENTED, THIS IS THE ONE BOOK THAT WILL HELP YOU MAKE YOUR CISCO ROUTERS ROCK SOLID.

NETWORK+ GUIDE TO NETWORKS TAMARA DEAN 2012-06-14 THE COMPLETELY UPDATED NETWORK+ GUIDE TO NETWORKS, 6TH EDITION GIVES STUDENTS THE TECHNICAL SKILLS AND INDUSTRY KNOW-HOW REQUIRED TO BEGIN AN EXCITING CAREER INSTALLING, CONFIGURING, AND TROUBLESHOOTING COMPUTER NETWORKS. THE TEXT ALSO PREPARES STUDENTS FOR COMPTIA'S NETWORK+ N10-005 CERTIFICATION EXAM WITH FUNDAMENTALS IN PROTOCOLS, TOPOLOGIES, HARDWARE, AND NETWORK DESIGN. AFTER EXPLORING TCP/IP, ETHERNET, WIRELESS TRANSMISSION, AND SECURITY CONCEPTS, AS WELL AS AN ALL-NEW CHAPTER ON VIRTUAL NETWORKS, STUDENTS CAN INCREASE THEIR KNOWLEDGE WITH THE PRACTICAL ON-THE-JOB STORIES, REVIEW QUESTIONS, HANDS-ON PROJECTS, AND CASE PROJECTS. NETWORK+ GUIDE TO NETWORKS, 6TH EDITION ALSO INCLUDES REFERENCE APPENDICES, A GLOSSARY, AND FULL-COLOR ILLUSTRATIONS. THE FEATURES OF THE TEXT COMBINED WITH ITS EMPHASIS ON REAL-WORLD PROBLEM SOLVING, PROVIDES STUDENTS WITH THE TOOLS THEY NEED TO SUCCEED IN ANY COMPUTING ENVIRONMENT. IMPORTANT NOTICE: MEDIA CONTENT REFERENCED WITHIN THE PRODUCT DESCRIPTION OR THE PRODUCT TEXT MAY NOT BE AVAILABLE IN THE EBOOK VERSION.

FTTX NETWORKS JAMES FARMER 2016-11-18 FTTX NETWORKS: TECHNOLOGY IMPLEMENTATION AND OPERATION PROVIDES AN IN-DEPTH TREATMENT OF THE TECHNOLOGY AND IMPLEMENTATION OF FTTX NETWORKS, DISCUSSES THE ENVIRONMENT THAT GAVE RISE TO FTTX, PROVIDES A SURVEY OF THE AVAILABLE FTTX TECHNOLOGIES, AND GIVES USERS THE STATE-OF-THE-ART KNOWLEDGE NEEDED FOR SUCCESSFUL DEPLOYMENT OF FTTX. THE BOOK INCLUDES HANDS-ON PROJECT PLANNING ENGINEERING DESIGN AND OPERATIONS CHECKLISTS, AS WELL AS RECOMMENDED BEST PRACTICES FOR CONFIGURING FTTH SYSTEMS AND THE DATA NETWORKS PRECEDING THEM FOR IPTV, VOICE, AND DATA, WITH CASE STUDIES OF ACTUAL FTTH SYSTEMS AND A METHODOLOGY FOR PREDICTING THE PERFORMANCE OF REAL SYSTEMS. THIS BOOK IS A MUST-READ FOR ALL NETWORK ENGINEERS, TECHNICAL BUSINESSPEOPLE, AND TECHNICAL SPECIALISTS ENGAGED IN BUILDING FTTX NETWORKS, FROM TECHNOLOGY SELECTION, TO FIELDING THE NETWORK IN PRODUCTION, TO IMPLEMENTATION. COMPARES, CONTRASTS, AND EXPLAINS FTTX TECHNOLOGIES PROVIDES

HANDS-ON PROJECT PLANNING, ENGINEERING DESIGN, AND OPERATIONS CHECKLISTS, ALLOWING FOR A QUICK CLIMB UP THE NETWORK DESIGN, DEPLOYMENT, AND IMPLEMENTATION LEARNING CURVES DISCUSSES RECOMMENDED BEST PRACTICES FOR CONFIGURING FTTH SYSTEMS AND THE DATA NETWORKS PRECEDING THEM, FOR IPTV, VOICE, AND DATA INCLUDES CASE STUDIES OF ACTUAL FTTH SYSTEMS AND THEIR CONFIGURATIONS COVERS A METHODOLOGY FOR PREDICTING THE PERFORMANCE OF REAL SYSTEMS, PARTICULARLY IN THE OPTICAL DOMAIN

FLASH BOYS: A WALL STREET REVOLT MICHAEL LEWIS 2014-03-31 ARGUES THAT POST-CRISIS WALL STREET CONTINUES TO BE CONTROLLED BY LARGE BANKS AND EXPLAINS HOW A SMALL, DIVERSE GROUP OF WALL STREET MEN HAVE BANDED TOGETHER TO REFORM THE FINANCIAL MARKETS.

THE PREMONITION: A PANDEMIC STORY MICHAEL LEWIS 2021-05-04 NEW YORK TIMES BESTSELLER FOR THOSE WHO COULD READ BETWEEN THE LINES, THE CENSORED NEWS OUT OF CHINA WAS TERRIFYING. BUT THE PRESIDENT INSISTED THERE WAS NOTHING TO WORRY ABOUT. FORTUNATELY, WE ARE STILL A NATION OF SKEPTICS. FORTUNATELY, THERE ARE THOSE AMONG US WHO STUDY PANDEMICS AND ARE WILLING TO LOOK UNFLINCHINGLY AT WORST-CASE SCENARIOS. MICHAEL LEWIS'S TAUT AND BRILLIANT NONFICTION THRILLER PITS A BAND OF MEDICAL VISIONARIES AGAINST THE WALL OF IGNORANCE THAT WAS THE OFFICIAL RESPONSE OF THE TRUMP ADMINISTRATION TO THE OUTBREAK OF COVID-19. THE CHARACTERS YOU WILL MEET IN THESE PAGES ARE AS FASCINATING AS THEY ARE UNEXPECTED. A THIRTEEN-YEAR-OLD GIRL'S SCIENCE PROJECT ON TRANSMISSION OF AN AIRBORNE PATHOGEN DEVELOPS INTO A VERY GROWN-UP MODEL OF DISEASE CONTROL. A LOCAL PUBLIC-HEALTH OFFICER USES HER WORM'S-EYE VIEW TO SEE WHAT THE CDC MISSES, AND REVEALS GREAT TRUTHS ABOUT AMERICAN SOCIETY. A SECRET TEAM OF DISSENTING DOCTORS, NICKNAMED THE WOLVERINES, HAS EVERYTHING NECESSARY TO FIGHT THE PANDEMIC: BRILLIANT BACKGROUNDS, WORLD-CLASS LABS, PRIOR EXPERIENCE WITH THE PANDEMIC SCARES OF BIRD FLU AND SWINE FLU...EVERYTHING, THAT IS, EXCEPT OFFICIAL PERMISSION TO IMPLEMENT THEIR WORK. MICHAEL LEWIS IS NOT SHY ABOUT CALLING THESE PEOPLE HEROES FOR THEIR REFUSAL TO FOLLOW DIRECTIVES THAT THEY KNOW TO BE BASED ON MISINFORMATION AND BAD SCIENCE. EVEN THE INTERNET, AS CRUCIAL AS IT IS TO THEIR EXCHANGE OF IDEAS, POSES A RISK TO THEM. THEY NEVER KNOW FOR SURE WHO ELSE MIGHT BE LISTENING IN.

MONEYBALL (MOVIE TIE-IN EDITION) (MOVIE TIE-IN EDITIONS) MICHAEL LEWIS 2011-08-22 EXPLAINS HOW BILLY BEENE, THE GENERAL MANAGER OF THE OAKLAND ATHLETICS, IS USING A NEW KIND OF THINKING TO BUILD A SUCCESSFUL AND WINNING BASEBALL TEAM WITHOUT SPENDING ENORMOUS SUMS OF MONEY.

FIBER OPTIC MEASUREMENT TECHNIQUES RONGQING HUI 2009-01-21 FIBER OPTIC MEASUREMENT TECHNIQUES IS AN INDISPENSABLE COLLECTION OF KEY OPTICAL MEASUREMENT TECHNIQUES ESSENTIAL FOR DEVELOPING AND CHARACTERIZING TODAY'S PHOTONIC DEVICES AND FIBER OPTIC SYSTEMS. THE BOOK GIVES COMPREHENSIVE AND SYSTEMATIC DESCRIPTIONS OF VARIOUS FIBER OPTIC MEASUREMENT METHODS WITH THE EMPHASIS ON THE UNDERSTANDING OF OPTOELECTRONIC SIGNAL PROCESSING METHODOLOGIES, HELPING THE READER TO WEIGH UP THE PROS AND CONS OF EACH TECHNIQUE AND ESTABLISH THEIR SUITABILITY FOR THE TASK AT HAND. CAREFULLY BALANCING DESCRIPTIONS OF PRINCIPLE, OPERATIONS AND OPTOELECTRONIC CIRCUIT IMPLEMENTATION, THIS INDISPENSABLE RESOURCE WILL ENABLE THE ENGINEER TO: UNDERSTAND THE IMPLICATIONS OF VARIOUS MEASUREMENT RESULTS AND SYSTEM PERFORMANCE QUALIFICATIONS CHARACTERIZE MODERN OPTICAL SYSTEMS AND DEVICES SELECT OPTICAL DEVICES AND SUBSYSTEMS IN OPTICAL NETWORK DESIGN AND IMPLEMENTATION DESIGN INNOVATIVE INSTRUMENTATIONS FOR FIBER OPTIC SYSTEMS THIS BOOK BRINGS TOGETHER IN ONE VOLUME THE FUNDAMENTAL PRINCIPLES WITH THE LATEST TECHNIQUES, MAKING IT A COMPLETE RESOURCE FOR THE OPTICAL AND COMMUNICATIONS ENGINEER DEVELOPING FUTURE OPTICAL DEVICES AND FIBER OPTIC SYSTEMS. "OPTICAL FIBER COMMUNICATION SYSTEMS AND NETWORKS CONSTITUTE THE CORE OF THE TELECOM INFRASTRUCTURE OF THE INFORMATION SOCIETY WORLDWIDE. ACCURATE KNOWLEDGE OF THE PROPERTIES OF THE CONTITUENT COMPONENTS, AND OF THE PERFORMANCE OF THE SUBSYSTEMS AND SYSTEMS MUST BE OBTAINED IN ORDER TO ENSURE RELIABLE TRANSMISSION, DISTRIBUTION, AND DELIVERY OF INFORMATION. THIS BOOK IS AN AUTHORITATIVE AND COMPREHENSIVE TREATMENT OF FIBER-OPTIC MEASUREMENT TECHNIQUES, INCLUDING NOT ONLY FUNDAMENTAL PRINCIPLES AND METHODOLOGIES BUT ALSO VARIOUS INSTRUMENTATIONS AND PRACTICAL IMPLEMENTATIONS. IT IS AN EXCELLENT UP-TO-DATE RESOURCE AND REFERENCE FOR THE ACADEMIC AND INDUSTRIAL RESEARCHER AS WELL AS THE FIELD ENGINEER IN MANUFACTURING AND NETWORK OPERATIONS." -DR. TINGYE LI, AT&T LABS (RETIRED) RONGQING HUI RECEIVED HIS PHD IN ELECTRICAL ENGINEERING FROM POLITECNICO DI TORINO, ITALY IN 1993. HE IS CURRENTLY A TENURED PROFESSOR IN THE DEPARTMENT OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE AT THE UNIVERSITY OF KANSAS. HE HAS PUBLISHED MORE THAN 90 REFEREED TECHNICAL PAPERS IN THE AREA OF FIBER-OPTIC COMMUNICATIONS AND HOLDS 13 PATENTS. DR. HUI CURRENTLY SERVES AS AN ASSOCIATE EDITOR OF IEEE TRANSACTIONS ON COMMUNICATIONS. MAURICE O'SULLIVAN HAS WORKED FOR NORTEL FOR A SCORE OF YEARS, AT FIRST IN THE OPTICAL CABLE BUSINESS, DEVELOPING FACTORY-TAILORED METROLOGY FOR OPTICAL FIBER, BUT, IN THE MAIN, IN THE OPTICAL TRANSMISSION BUSINESS DEVELOPING, MODELING AND VERIFYING PHYSICAL LAYER DESIGNS & PERFORMANCE OF NORTEL'S LINE AND HIGHEST RATE TRANSMISSION PRODUCT INCLUDING OC-192, MOR, MOR+, LH1600G, EDCO AND EDC40G. HE HOLDS A PH.D. IN PHYSICS

(HIGH RESOLUTION SPECTROSCOPY) FROM THE UNIVERSITY OF TORONTO, IS A NORTEL FELLOW AND HAS BEEN GRANTED MORE THAN 30 PATENTS. THE ONLY BOOK TO COMBINE EXPLANATIONS OF THE BASIC PRINCIPLES WITH LATEST TECHNIQUES TO ENABLE THE ENGINEER TO DEVELOP PHOTONIC SYSTEMS OF THE FUTURE CAREFUL AND SYSTEMATIC PRESENTATION OF MEASUREMENT METHODS TO HELP ENGINEERS TO CHOOSE THE MOST APPROPRIATE FOR THEIR APPLICATION THE LATEST METHODS COVERED, SUCH AS REAL-TIME OPTICAL MONITORING AND PHASE CODED SYSTEMS AND SUBSYSTEMS, MAKING THIS THE MOST UP-TO-DATE GUIDE TO FIBER OPTIC MEASUREMENT ON THE MARKET

FUNDAMENTALS OF 5G MOBILE NETWORKS JONATHAN RODRIGUEZ 2015-06-22 FUNDAMENTALS OF 5G MOBILE NETWORKS PROVIDES AN OVERVIEW OF THE KEY FEATURES OF THE 5TH GENERATION (5G) MOBILE NETWORKS, DISCUSSING THE MOTIVATION FOR 5G AND THE MAIN CHALLENGES IN DEVELOPING THIS NEW TECHNOLOGY. THIS BOOK PROVIDES AN INSIGHT INTO THE KEY AREAS OF RESEARCH THAT WILL DEFINE THIS NEW SYSTEM TECHNOLOGY PAVING THE PATH TOWARDS FUTURE RESEARCH AND DEVELOPMENT. THE BOOK IS MULTI-DISCIPLINARY IN NATURE, AND AIMS TO COVER A WHOLE HOST OF INTERTWINED SUBJECTS THAT WILL PREDOMINANTLY INFLUENCE THE 5G LANDSCAPE, INCLUDING THE FUTURE INTERNET, CLOUD COMPUTING, SMALL CELLS AND SELF-ORGANIZING NETWORKS (SONs), COOPERATIVE COMMUNICATIONS, DYNAMIC SPECTRUM MANAGEMENT AND COGNITIVE RADIO, BROADCAST-BROADBAND CONVERGENCE , 5G SECURITY CHALLENGE, AND GREEN RF. THIS BOOK AIMS TO BE THE FIRST OF ITS KIND TOWARDS PAINTING A HOLISTIC PERSPECTIVE ON 5G MOBILE, ALLOWING 5G STAKEHOLDERS TO CAPTURE KEY TECHNOLOGY TRENDS ON DIFFERENT LAYERING DOMAINS AND TO IDENTIFY POTENTIAL INTER-DISCIPLINARY DESIGN ASPECTS THAT NEED TO BE SOLVED IN ORDER TO DELIVER A 5G MOBILE SYSTEM THAT OPERATES SEAMLESSLY.

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

AFTER ACCESS JONATHAN DONNER 2015-11-20 AN EXPERT CONSIDERS THE EFFECTS OF A MORE MOBILE INTERNET ON SOCIOECONOMIC DEVELOPMENT AND DIGITAL INCLUSION, EXAMINING BOTH POTENTIALITIES AND CONSTRAINTS. ALMOST ANYONE WITH A \$40 MOBILE PHONE AND A NEARBY CELL TOWER CAN GET ONLINE WITH AN EASE UNIMAGINABLE JUST TWENTY YEARS AGO. AN OPTIMISTIC NARRATIVE HAS PROCLAIMED THE MOBILE PHONE AS THE DEVICE THAT WILL FINALLY CLOSE THE DIGITAL DIVIDE. YET ACCESS AND EFFECTIVE USE ARE NOT THE SAME THING, AND THE DIGITAL WORLD DOES NOT RUN ON MOBILE HANDSETS ALONE. IN AFTER ACCESS, JONATHAN DONNER EXAMINES THE IMPLICATIONS OF THE SHIFT TO A MORE MOBILE, MORE AVAILABLE INTERNET FOR THE GLOBAL SOUTH, PARTICULARLY AS IT RELATES TO EFFORTS TO PROMOTE SOCIOECONOMIC DEVELOPMENT AND BROAD-BASED INCLUSION IN THE GLOBAL INFORMATION SOCIETY. DRAWING ON HIS OWN RESEARCH IN SOUTH AFRICA AND INDIA, AS WELL AS THE BURGEONING LITERATURE FROM THE ICT4D (INTERNET AND COMMUNICATION TECHNOLOGIES FOR DEVELOPMENT) AND MOBILE COMMUNICATION COMMUNITIES, DONNER INTRODUCES THE "AFTER ACCESS LENS," A CONCEPTUAL FRAMEWORK FOR UNDERSTANDING EFFECTIVE USE OF THE INTERNET BY THOSE WHOSE "DIGITAL REPERTOIRES" CONTAIN EXCLUSIVELY MOBILE DEVICES. DONNER ARGUES THAT BOTH THE POTENTIALITIES AND CONSTRAINTS OF THE SHIFT TO A MORE MOBILE INTERNET ARE IMPORTANT CONSIDERATIONS FOR SCHOLARS AND PRACTITIONERS INTERESTED IN INTERNET USE IN THE GLOBAL SOUTH.

THE TELECOMMUNICATIONS HANDBOOK JYRKI T. J. PENTTINEN 2015-01-13 THE TELECOMMUNICATIONS HANDBOOK THE

TELECOMMUNICATIONS HANDBOOK ENGINEERING GUIDELINES FOR FIXED, MOBILE AND SATELLITE SYSTEMS TAKING A PRACTICAL APPROACH, THE TELECOMMUNICATIONS HANDBOOK EXAMINES THE PRINCIPLES AND DETAILS OF ALL THE MAJOR AND MODERN TELECOMMUNICATIONS SYSTEMS CURRENTLY AVAILABLE TO INDUSTRY AND TO END-USERS. IT GIVES ESSENTIAL INFORMATION ABOUT USAGE, ARCHITECTURES, FUNCTIONING, PLANNING, CONSTRUCTION, MEASUREMENTS AND OPTIMIZATION. THE STRUCTURE OF THE BOOK IS MODULAR, GIVING BOTH OVERALL DESCRIPTIONS OF THE ARCHITECTURES AND FUNCTIONALITY OF TYPICAL USE CASES, AS WELL AS DEEPER AND PRACTICAL GUIDELINES FOR TELECOM PROFESSIONALS. THE FOCUS OF THE BOOK IS ON CURRENT AND FUTURE NETWORKS, AND THE MOST UP-TO-DATE FUNCTIONALITIES OF EACH NETWORK ARE DESCRIBED IN SUFFICIENT DETAIL FOR DEPLOYMENT PURPOSES. THE CONTENTS INCLUDE AN INTRODUCTION TO EACH TECHNOLOGY, ITS EVOLUTION PATH, FEASIBILITY AND UTILIZATION, SOLUTION AND NETWORK ARCHITECTURE, AND TECHNICAL FUNCTIONING OF THE SYSTEMS (SIGNALING, CODING, DIFFERENT MODES FOR CHANNEL DELIVERY AND SECURITY OF CORE AND RADIO SYSTEM). THE PLANNING OF THE CORE AND RADIO NETWORKS (SYSTEM-SPECIFIC FIELD TEST MEASUREMENT GUIDELINES, HANDS-ON NETWORK PLANNING ADVICES AND SUGGESTIONS FOR PARAMETER ADJUSTMENTS) AND FUTURE SYSTEMS ARE ALSO DESCRIBED. WITH CONTRIBUTIONS FROM SPECIALISTS IN BOTH INDUSTRY AND ACADEMIA, THE BOOK BRIDGES THE GAP BETWEEN COMMUNICATIONS IN THE ACADEMIC CONTEXT AND THE PRACTICAL KNOWLEDGE AND SKILLS NEEDED TO WORK IN THE TELECOMMUNICATIONS INDUSTRY.

BROADBAND COMMUNICATIONS NETWORKS ABDEFATTEH HAIDINE 2018-09-19 NOWADAYS, THE INTERNET PLAYS A VITAL ROLE IN OUR LIVES. IT IS CURRENTLY ONE OF THE MOST EFFECTIVE MEDIA THAT IS SHIFTING TO REACH INTO ALL AREAS IN TODAY'S SOCIETY. WHILE WE MOVE INTO THE NEXT DECADE, THE FUTURE OF MANY EMERGING TECHNOLOGIES (IoT, CLOUD SOLUTIONS, AUTOMATION AND AI, BIG DATA, 5G AND MOBILE TECHNOLOGIES, SMART CITIES, ETC.) IS HIGHLY DEPENDENT ON INTERNET CONNECTIVITY AND BROADBAND COMMUNICATIONS. THE DEMAND FOR MOBILE AND FASTER INTERNET CONNECTIVITY IS ON THE RISE AS THE VOICE, VIDEO, AND DATA CONTINUE TO CONVERGE TO SPEED UP BUSINESS OPERATIONS AND TO IMPROVE EVERY ASPECT OF HUMAN LIFE. AS A RESULT, THE BROADBAND COMMUNICATION NETWORKS THAT CONNECT EVERYTHING ON THE INTERNET ARE NOW CONSIDERED A COMPLETE ECOSYSTEM ROUTING ALL INTERNET TRAFFIC AND DELIVERING INTERNET DATA FASTER AND MORE FLEXIBLY THAN EVER BEFORE. THIS BOOK GIVES AN INSIGHT INTO THE LATEST RESEARCH AND PRACTICAL ASPECTS OF THE BROADBAND COMMUNICATION NETWORKS IN SUPPORT OF MANY EMERGING PARADIGMS/APPLICATIONS OF GLOBAL INTERNET FROM THE TRADITIONAL ARCHITECTURE TO THE INCORPORATION OF SMART APPLICATIONS. THIS BOOK INCLUDES A PREFACE AND INTRODUCTION BY THE EDITORS, FOLLOWED BY 20 CHAPTERS WRITTEN BY LEADING INTERNATIONAL RESEARCHERS, ARRANGED IN THREE PARTS. THIS BOOK IS RECOMMENDED FOR RESEARCHERS AND PROFESSIONALS IN THE FIELD AND MAY BE USED AS A REFERENCE BOOK ON BROADBAND COMMUNICATION NETWORKS AS WELL AS ON PRACTICAL USES OF WIRED/WIRELESS BROADBAND COMMUNICATIONS. IT IS ALSO A CONCISE GUIDE FOR STUDENTS AND READERS INTERESTED IN STUDYING INTERNET CONNECTIVITY, MOBILE/OPTICAL BROADBAND NETWORKS AND CONCEPTS/APPLICATIONS OF TELECOMMUNICATIONS ENGINEERING.

SPRINGER HANDBOOK OF OPTICAL NETWORKS BISWANATH MUKHERJEE 2020-10-15 THIS HANDBOOK IS AN AUTHORITATIVE, COMPREHENSIVE REFERENCE ON OPTICAL NETWORKS, THE BACKBONE OF TODAY'S COMMUNICATION AND INFORMATION SOCIETY. THE BOOK REVIEWS THE MANY UNDERLYING TECHNOLOGIES THAT ENABLE THE GLOBAL OPTICAL COMMUNICATIONS INFRASTRUCTURE, BUT ALSO EXPLAINS CURRENT RESEARCH TRENDS TARGETED TOWARDS CONTINUED CAPACITY SCALING AND ENHANCED NETWORKING FLEXIBILITY IN SUPPORT OF AN UNABATED TRAFFIC GROWTH FUELED BY EVER-EMERGING NEW APPLICATIONS. THE BOOK IS DIVIDED INTO FOUR PARTS: OPTICAL SUBSYSTEMS FOR TRANSMISSION AND SWITCHING, CORE NETWORKS, DATACENTER AND SUPER-COMPUTER NETWORKING, AND OPTICAL ACCESS AND WIRELESS NETWORKS. EACH CHAPTER IS WRITTEN BY WORLD-RENOWN EXPERTS THAT REPRESENT ACADEMIA, INDUSTRY, AND INTERNATIONAL GOVERNMENT AND REGULATORY AGENCIES. EVERY CHAPTER PROVIDES A COMPLETE PICTURE OF ITS FIELD, FROM ENTRY-LEVEL INFORMATION TO A SNAPSHOT OF THE RESPECTIVE STATE-OF-THE-ART TECHNOLOGIES TO EMERGING RESEARCH TRENDS, PROVIDING SOMETHING USEFUL FOR THE NOVICE WHO WANTS TO GET FAMILIAR WITH THE FIELD TO THE EXPERT WHO WANTS TO GET A CONCISE VIEW OF FUTURE TRENDS.

LIAR'S POKER MICHAEL LEWIS 2010-03-15 THE TIME WAS THE 1980S. THE PLACE WAS WALL STREET. THE GAME WAS CALLED LIAR'S POKER. MICHAEL LEWIS WAS FRESH OUT OF PRINCETON AND THE LONDON SCHOOL OF ECONOMICS WHEN HE LANDED A JOB AT SALOMON BROTHERS, ONE OF WALL STREET'S PREMIER INVESTMENT FIRMS. DURING THE NEXT THREE YEARS, LEWIS ROSE FROM CALLOW TRAINEE TO BOND SALESMAN, RAKING IN MILLIONS FOR THE FIRM AND CASHING IN ON A MODERN-DAY GOLD RUSH. LIAR'S POKER IS THE CULMINATION OF THOSE HEADY, FRENZIED YEARS—A BEHIND-THE-SCENES LOOK AT A UNIQUE AND TURBULENT TIME IN AMERICAN BUSINESS. FROM THE FRAT-BOY CAMARADERIE OF THE FORTY-FIRST-FLOOR TRADING ROOM TO THE KILLER INSTINCT THAT MADE AMBITIOUS YOUNG MEN GAMBLE EVERYTHING ON A HIGH-STAKES GAME OF BLUFFING AND DECEPTION, HERE IS MICHAEL LEWIS'S KNOWING AND HILARIOUS INSIDER'S ACCOUNT OF AN UNPRECEDENTED ERA OF GREED, GLUTTONY, AND OUTRAGEOUS FORTUNE.

THE BOOK OF BROKEN PROMISES BRUCE KUSHNICK 2015-02-20 BROKEN PROMISES IS THE THIRD BOOK IN A TRILOGY SPANNING 18

YEARS. BRUCE KUSHNICK, AUTHOR, SENIOR TELECOM ANALYST AND INDUSTRY INSIDER, LAYS OUT, IN ALL OF THE GORY DETAILS, HOW AMERICA PAID OVER \$400 BILLION TO BE THE FIRST FULLY FIBER OPTIC-BASED NATION YET ENDED UP 27TH IN THE WORLD FOR HIGH-SPEED INTERNET (40TH IN UPLOAD SPEEDS). BUT THIS IS ONLY A PART OF THIS STORY. WITH OVER FOUR MILLION PEOPLE FILING WITH THE FCC TO 'FREE THE NET', ONE THING IS ABUNDANTLY CLEAR -- CUSTOMERS KNOW SOMETHING IS TERRIBLY WRONG. EVERY TIME YOU PAY YOUR BILLS YOU NOTICE THAT THE PRICE OF YOUR SERVICES KEEPS GOING UP, YOU DON'T HAVE A SERIOUS CHOICE FOR INTERNET (ISP), BROADBAND OR CABLE SERVICE, MUCH LESS COMPETITORS FIGHTING FOR YOUR BUSINESS, OR MAYBE YOU CAN'T EVEN GET VERY FAST BROADBAND SERVICE. WORSE, OVER THE LAST FEW YEARS, AMERICA'S ISPS AND CABLE COMPANIES HAVE BEEN RATED "THE MOST HATED COMPANIES IN AMERICA". WHILE NET NEUTRALITY CONCERNS (DETAILED IN BROKEN PROMISES) ARE IMPORTANT, THE ACTIONS ARE ONLY A FIRST STEP AND WILL MOST LIKELY BE TIED UP IN COURT FOR THE NEXT FEW YEARS. MORE IMPORTANTLY, IT DOES NOT RESOLVE MOST OF THE CUSTOMER ISSUES AND THERE IS NOTHING ELSE ON THE HORIZON THAT WILL FIX WHAT'S BROKEN. BROKEN PROMISES DOCUMENTS THE MASSIVE OVERCHARGING AND FAILURE TO PROPERLY UPGRADE THE NETWORKS, THE DECEPTIVE BILLING PRACTICES, THE HARMS CAUSED FROM A LACK OF COMPETITION, THE GAMING AND MANIPULATING OF THE REGULATORY SYSTEM, FROM THE STATES TO THE FCC, AND EXPOSES THE COMPANIES' PRIMARY STRATEGY: HOW MUCH CAN WE GET AWAY WITH? THERE HAS BEEN LITTLE, IF ANY, REGARD FOR THE CUSTOMERS THEY SERVE.--FROM [HTTP://NEWNETWORKS.COM/BOOKBROKENPROMISES/](http://newnetworks.com/bookbrokenpromises/) --(VIEWED ON JUNE 12, 2015).

ELECTRICAL & ELECTRONICS ABSTRACTS 1997

ADVANCES IN SMART SYSTEM TECHNOLOGIES P. SURESH 2020-08-29 THIS BOOK PRESENTS SELECT PEER-REVIEWED PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON FRONTIERS IN SMART SYSTEMS TECHNOLOGIES (ICFSST 2019). IT FOCUSES ON LATEST RESEARCH AND CUTTING-EDGE TECHNOLOGIES IN SMART SYSTEMS AND INTELLIGENT AUTONOMOUS SYSTEMS WITH ADVANCED FUNCTIONALITY. COMPRISING TOPICS RELATED TO DIVERSE ASPECTS OF SMART TECHNOLOGIES SUCH AS HIGH SECURITY, RELIABILITY, MINIATURIZATION, ENERGY CONSUMPTION, AND INTELLIGENT DATA PROCESSING, THE BOOK CONTAINS CONTRIBUTIONS FROM ACADEMICS AS WELL AS INDUSTRY. GIVEN THE RANGE OF THE TOPICS COVERED, THIS BOOK WILL PROVE USEFUL FOR STUDENTS, RESEARCHERS, AND PROFESSIONALS ALIKE.

LTE - THE UMTS LONG TERM EVOLUTION STEFANIA SESIA 2011-08-29 "WHERE THIS BOOK IS EXCEPTIONAL IS THAT THE READER WILL NOT JUST LEARN HOW LTE WORKS BUT WHY IT WORKS" ADRIAN SCRASE, ETSI VICE-PRESIDENT, INTERNATIONAL PARTNERSHIP PROJECTS FOLLOWING ON THE SUCCESS OF THE FIRST EDITION, THIS BOOK IS FULLY UPDATED, COVERING THE LATEST ADDITIONS TO LTE AND THE KEY FEATURES OF LTE-ADVANCED. THIS BOOK BUILDS ON THE SUCCESS OF ITS PREDECESSOR, OFFERING THE SAME COMPREHENSIVE SYSTEM-LEVEL UNDERSTANDING BUILT ON EXPLANATIONS OF THE UNDERLYING THEORY, NOW EXPANDED TO INCLUDE COMPLETE COVERAGE OF RELEASE 9 AND THE DEVELOPING SPECIFICATIONS FOR LTE-ADVANCED. THE BOOK IS A COLLABORATIVE EFFORT OF MORE THAN 40 KEY EXPERTS REPRESENTING OVER 20 COMPANIES ACTIVELY PARTICIPATING IN THE DEVELOPMENT OF LTE, AS WELL AS ACADEMIA. THE BOOK HIGHLIGHTS PRACTICAL IMPLICATIONS, ILLUSTRATES THE EXPECTED PERFORMANCE, AND DRAWS COMPARISONS WITH THE WELL-KNOWN WCDMA/HSPA STANDARDS. THE AUTHORS NOT ONLY PAY SPECIAL ATTENTION TO THE PHYSICAL LAYER, GIVING AN INSIGHT INTO THE FUNDAMENTAL CONCEPTS OF OFDMA-FDMA AND MIMO, BUT ALSO COVER THE HIGHER PROTOCOL LAYERS AND SYSTEM ARCHITECTURE TO ENABLE THE READER TO GAIN AN OVERALL UNDERSTANDING OF THE SYSTEM. KEY NEW FEATURES: COMPREHENSIVELY UPDATED WITH THE LATEST CHANGES OF THE LTE RELEASE 8 SPECIFICATIONS, INCLUDING IMPROVED COVERAGE OF RADIO RESOURCE MANAGEMENT RF ASPECTS AND PERFORMANCE REQUIREMENTS PROVIDES DETAILED COVERAGE OF THE NEW LTE RELEASE 9 FEATURES, INCLUDING: EMBMS, DUAL-LAYER BEAMFORMING, USER EQUIPMENT POSITIONING, HOME eNODEBs / FEMTOCELLS AND PICO CELLS AND SELF-OPTIMIZING NETWORKS EVALUATES THE LTE SYSTEM PERFORMANCE INTRODUCES LTE-ADVANCED, EXPLAINING ITS CONTEXT AND MOTIVATION, AS WELL AS THE KEY NEW FEATURES INCLUDING: CARRIER AGGREGATION, RELAYING, HIGH-ORDER MIMO, AND COOPERATIVE MULTI-POINT TRANSMISSION (CoMP). INCLUDES AN ACCOMPANYING WEBSITE CONTAINING A COMPLETE LIST OF ACRONYMS RELATED TO LTE AND LTE-ADVANCED, WITH A BRIEF DESCRIPTION OF EACH ([HTTP://WWW.WILEY.COM/GO/SEZIA_THEUMTS](http://www.wiley.com/go/sesia_theumts)) THIS BOOK IS AN INVALUABLE REFERENCE FOR ALL RESEARCH AND DEVELOPMENT ENGINEERS INVOLVED IN IMPLEMENTATION OF LTE OR LTE-ADVANCED, AS WELL AS GRADUATE AND PHD STUDENTS IN WIRELESS COMMUNICATIONS. NETWORK OPERATORS, SERVICE PROVIDERS AND R&D MANAGERS WILL ALSO FIND THIS BOOK INSIGHTFUL.

WINDOWS SERVER 2012 SECURITY FROM END TO EDGE AND BEYOND THOMAS W SHINDER 2013-04-18 WINDOWS SERVER 2012 SECURITY FROM END TO EDGE AND BEYOND SHOWS YOU HOW TO ARCHITECT, DESIGN, PLAN, AND DEPLOY MICROSOFT SECURITY TECHNOLOGIES FOR WINDOWS 8/SERVER 2012 IN THE ENTERPRISE. THE BOOK COVERS SECURITY TECHNOLOGIES THAT APPLY TO BOTH CLIENT AND SERVER AND ENABLES YOU TO IDENTIFY AND DEPLOY WINDOWS 8 SECURITY FEATURES IN YOUR SYSTEMS BASED ON DIFFERENT BUSINESS AND DEPLOYMENT SCENARIOS. THE BOOK IS A SINGLE SOURCE FOR LEARNING HOW TO SECURE WINDOWS 8 IN MANY SYSTEMS, INCLUDING CORE, ENDPOINT, AND ANYWHERE ACCESS. AUTHORS TOM SHINDER AND YURI

DIODES, BOTH MICROSOFT EMPLOYEES, BRING YOU INSIDER KNOWLEDGE OF THE WINDOWS 8 PLATFORM, DISCUSSING HOW TO DEPLOY WINDOWS SECURITY TECHNOLOGIES EFFECTIVELY IN BOTH THE TRADITIONAL DATACENTER AND IN NEW CLOUD-BASED SOLUTIONS. WITH THIS BOOK, YOU WILL UNDERSTAND THE CONCEPTUAL UNDERPINNINGS OF WINDOWS 8 SECURITY AND HOW TO DEPLOY THESE FEATURES IN A TEST LAB AND IN PILOT AND PRODUCTION ENVIRONMENTS. THE BOOK'S REVOLUTIONARY "TEST LAB GUIDE" APPROACH LETS YOU TEST EVERY SUBJECT IN A PREDEFINED TEST LAB ENVIRONMENT. THIS, COMBINED WITH CONCEPTUAL AND DEPLOYMENT GUIDANCE, ENABLES YOU TO UNDERSTAND THE TECHNOLOGIES AND MOVE FROM LAB TO PRODUCTION FASTER THAN EVER BEFORE. CRITICAL MATERIAL IS ALSO PRESENTED IN KEY CONCEPTS AND SCENARIO-BASED APPROACHES TO EVALUATION, PLANNING, DEPLOYMENT, AND MANAGEMENT. VIDEOS ILLUSTRATING THE FUNCTIONALITY IN THE TEST LAB CAN BE DOWNLOADED FROM THE AUTHORS' BLOG [HTTP://BLOGS.TECHNET.COM.B.SECURITY_TALK/](http://blogs.technet.com/b/security_talk/). EACH CHAPTER WRAPS UP WITH A BULLET LIST SUMMARY OF KEY CONCEPTS DISCUSSED IN THE CHAPTER. PROVIDES PRACTICAL EXAMPLES OF HOW TO DESIGN AND DEPLOY A WORLD-CLASS SECURITY INFRASTRUCTURE TO PROTECT BOTH WINDOWS 8 AND NON-MICROSOFT ASSETS ON YOUR SYSTEM WRITTEN BY TWO MICROSOFT EMPLOYEES WHO PROVIDE AN INSIDE LOOK AT THE SECURITY FEATURES OF WINDOWS 8 TEST LAB GUIDES ENABLE YOU TO TEST EVERYTHING BEFORE DEPLOYING LIVE TO YOUR SYSTEM

INTRODUCTION TO INFORMATION SYSTEMS R. KELLY RAINER 2022-01-28 INTRODUCTION TO INFORMATION SYSTEMS, 9TH EDITION DELIVERS AN ESSENTIAL RESOURCE FOR UNDERGRADUATE BUSINESS MAJORS SEEKING WAYS TO HARNESS INFORMATION TECHNOLOGY SYSTEMS TO SUCCEED IN THEIR CURRENT OR FUTURE JOBS. THE BOOK ASSISTS READERS IN DEVELOPING A FOUNDATIONAL UNDERSTANDING OF INFORMATION SYSTEMS AND TECHNOLOGY AND APPLY IT TO COMMON BUSINESS PROBLEMS. THIS INTERNATIONAL ADAPTATION COVERS APPLICATIONS OF THE LATEST TECHNOLOGIES WITH THE ADDITION OF NEW CASES FROM EUROPE, MIDDLE EAST, AFRICA, AUSTRALIA, AND ASIA-PACIFIC COUNTRIES. IT FOCUSES ON GLOBAL BUSINESS ENVIRONMENT FOR STUDENTS TO UNDERSTAND THE NORMS OF USING TECHNOLOGY WHILE OPERATING ON ONLINE PLATFORMS FOR EXPLORING NEW AVENUES IN DIFFERENT GEOGRAPHICAL LOCATIONS. THE BOOK INCLUDES REAL BUSINESS SCENARIOS OF HOW LATEST TECHNOLOGIES SUCH AS BIG DATA, CLOUD COMPUTING, BLOCKCHAIN, AND IoT ARE PERCEIVED AND ADOPTED ACROSS COUNTRIES. NEW CASES HIGHLIGHT KEY TECHNOLOGY ISSUES FACED BY ORGANIZATIONS SUCH AS DESIGNING AND IMPLEMENTING IT SECURITY POLICIES, DEALING WITH ETHICAL DILEMMA OF SECURING CUSTOMER DATA, MOVING IT INFRASTRUCTURE TO CLOUD, AND IDENTIFYING HOW AI CAN BE USED TO IMPROVE THE EFFICIENCY OF BUSINESS OPERATIONS.

CLOUD COMPUTING DAN C. MARINESCU 2013-05-30 CLOUD COMPUTING: THEORY AND PRACTICE PROVIDES STUDENTS AND IT PROFESSIONALS WITH AN IN-DEPTH ANALYSIS OF THE CLOUD FROM THE GROUND UP. BEGINNING WITH A DISCUSSION OF PARALLEL COMPUTING AND ARCHITECTURES AND DISTRIBUTED SYSTEMS, THE BOOK TURNS TO CONTEMPORARY CLOUD INFRASTRUCTURES, HOW THEY ARE BEING DEPLOYED AT LEADING COMPANIES SUCH AS AMAZON, GOOGLE AND APPLE, AND HOW THEY CAN BE APPLIED IN FIELDS SUCH AS HEALTHCARE, BANKING AND SCIENCE. THE VOLUME ALSO EXAMINES HOW TO SUCCESSFULLY DEPLOY A CLOUD APPLICATION ACROSS THE ENTERPRISE USING VIRTUALIZATION, RESOURCE MANAGEMENT AND THE RIGHT AMOUNT OF NETWORKING SUPPORT, INCLUDING CONTENT DELIVERY NETWORKS AND STORAGE AREA NETWORKS. DEVELOPERS WILL FIND A COMPLETE INTRODUCTION TO APPLICATION DEVELOPMENT PROVIDED ON A VARIETY OF PLATFORMS. LEARN ABOUT RECENT TRENDS IN CLOUD COMPUTING IN CRITICAL AREAS SUCH AS: RESOURCE MANAGEMENT, SECURITY, ENERGY CONSUMPTION, ETHICS, AND COMPLEX SYSTEMS GET A DETAILED HANDS-ON SET OF PRACTICAL RECIPES THAT HELP SIMPLIFY THE DEPLOYMENT OF A CLOUD BASED SYSTEM FOR PRACTICAL USE OF COMPUTING CLOUDS ALONG WITH AN IN-DEPTH DISCUSSION OF SEVERAL PROJECTS UNDERSTAND THE EVOLUTION OF CLOUD COMPUTING AND WHY THE CLOUD COMPUTING PARADIGM HAS A BETTER CHANCE TO SUCCEED THAN PREVIOUS EFFORTS IN LARGE-SCALE DISTRIBUTED COMPUTING

NEXT: THE FUTURE JUST HAPPENED MICHAEL LEWIS 2002-05-17 THE NEW YORK TIMES BESTSELLER. "HIS BOOK IS A WAKE-UP CALL AT A TIME WHEN MANY BELIEVE THE NET WAS A FLASH IN THE PAN."—BUSINESSWEEK WITH HIS KNOWING EYE AND WICKED PEN, MICHAEL LEWIS REVEALS HOW THE INTERNET BOOM HAS ENCOURAGED CHANGES IN THE WAY WE LIVE, WORK, AND THINK. IN THE MIDST OF ONE OF THE GREATEST STATUS REVOLUTIONS IN THE HISTORY OF THE WORLD, THE INTERNET HAS BECOME A WEAPON IN THE HANDS OF REVOLUTIONARIES. OLD PRIESTHOODS ARE CRUMBLING. IN THE NEW ORDER, THE AMATEUR IS KING: FOURTEEN-YEAR-OLDS MANIPULATE THE STOCK MARKET AND NINETEEN-YEAR-OLDS TAKE DOWN THE MUSIC INDUSTRY. UNSEEN FORCES UNDERMINE ALL FORMS OF COLLECTIVISM, FROM THE FAMILY TO THE MASS MARKET: ONE BLACK BOX HAS THE POWER TO END TELEVISION AS WE KNOW IT, AND ANOTHER ONE MAY DICTATE SIGNIFICANT CHANGES IN OUR PRACTICE OF DEMOCRACY. WITH A NEW AFTERWORD BY THE AUTHOR.