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150 TECHNICAL QUESTIONS AND ANSWERS FOR JOB INTERVIEW OFFSHORE OIL & GAS PLATFORMS - PETROGAV INTERNATIONAL OIL & GAS TRAINING CENTER 2020-06-30

THE JOB INTERVIEW IS PROBABLY THE MOST IMPORTANT STEP YOU WILL TAKE IN YOUR JOB SEARCH JOURNEY. BECAUSE IT'S ALWAYS IMPORTANT TO BE PREPARED TO RESPOND EFFECTIVELY TO THE QUESTIONS THAT EMPLOYERS TYPICALLY ASK AT A JOB INTERVIEW PETROGAV INTERNATIONAL HAS PREPARED THIS EBOOKS THAT WILL HELP YOU TO GET A JOB IN OIL AND GAS INDUSTRY. SINCE THESE QUESTIONS ARE SO COMMON, HIRING MANAGERS WILL EXPECT YOU TO BE ABLE TO ANSWER THEM SMOOTHLY AND WITHOUT HESITATION. THIS EBOOK CONTAINS 150 QUESTIONS AND ANSWERS FOR JOB INTERVIEW AND AS A BONUS WEB ADDRESSES TO 220 VIDEO MOVIES FOR A BETTER UNDERSTANDING OF THE TECHNOLOGICAL PROCESS. THIS COURSE COVERS ASPECTS LIKE HSE, PROCESS, MECHANICAL, ELECTRICAL AND INSTRUMENTATION & CONTROL THAT WILL ENABLE YOU TO APPLY FOR ANY POSITION IN THE OIL AND GAS INDUSTRY. ENGINEERING - UNESCO 2010-01-01

THIS REPORT REVIEWS ENGINEERING'S IMPORTANCE TO HUMAN, ECONOMIC, SOCIAL AND CULTURAL DEVELOPMENT AND IN ADDRESSING THE UN MILLENNIUM DEVELOPMENT GOALS. ENGINEERING TENDS TO BE VIEWED AS A NATIONAL ISSUE, BUT ENGINEERING KNOWLEDGE, COMPANIES, CONFERENCES AND JOURNALS, ALL DEMONSTRATE THAT IT IS AS INTERNATIONAL AS SCIENCE. THE REPORT REVIEWS THE ROLE OF ENGINEERING IN DEVELOPMENT, AND COVERS ISSUES INCLUDING POVERTY REDUCTION, SUSTAINABLE DEVELOPMENT, CLIMATE CHANGE MITIGATION AND ADAPTATION. IT PRESENTS THE VARIOUS FIELDS OF ENGINEERING AROUND THE WORLD AND IS INTENDED TO IDENTIFY ISSUES AND CHALLENGES FACING ENGINEERING, PROMOTE BETTER UNDERSTANDING OF ENGINEERING AND ITS ROLE, AND HIGHLIGHT WAYS OF MAKING ENGINEERING MORE ATTRACTIVE TO YOUNG PEOPLE, ESPECIALLY WOMEN.--PUBLISHER'S DESCRIPTION.

ENGINEERING PSYCHOLOGY AND COGNITIVE ERGONOMICS - DON HARRIS 2022

THIS BOOK CONSTITUTES THE REFEREED PROCEEDINGS OF THE 19TH INTERNATIONAL CONFERENCE ON ENGINEERING PSYCHOLOGY AND COGNITIVE ERGONOMICS, EPCE 2022, HELD AS PART OF THE 23RD INTERNATIONAL CONFERENCE, HCI INTERNATIONAL 2022, WHICH WAS HELD VIRTUALLY IN JUNE/JULY 2022. THE TOTAL OF 1271 PAPERS AND 275 POSTERS INCLUDED IN THE HCI 2022 PROCEEDINGS WAS CAREFULLY REVIEWED AND SELECTED FROM 5487 SUBMISSIONS. THE EPCE 2022 PROCEEDINGS COVERS SUBJECTS SUCH AS ADVANCES IN APPLIED COGNITIVE PSYCHOLOGY THAT UNDERPIN THE THEORY, MEASUREMENT AND METHODOLOGIES BEHIND THE DEVELOPMENT OF HUMAN-MACHINE SYSTEMS. COGNITIVE ERGONOMICS DESCRIBES ADVANCES IN THE DESIGN AND DEVELOPMENT OF USER INTERFACES.

BROADCAST ENGINEER'S REFERENCE BOOK - EPJ TOZER 2012-11-12

THE CURRENT AND DEFINITIVE REFERENCE BROADCAST ENGINEERS NEED! COMPILED BY LEADING INTERNATIONAL EXPERTS, THIS AUTHORITATIVE REFERENCE WORK COVERS EVERY ASPECT OF BROADCAST TECHNOLOGY FROM CAMERA TO TRANSMITTER - ENCOMPASSING SUBJECTS FROM ANALOGUE TECHNIQUES TO THE LATEST DIGITAL COMPRESSION AND INTERACTIVE TECHNOLOGIES IN A SINGLE SOURCE. WRITTEN WITH A MINIMUM OF MATHS, THE BOOK PROVIDES DETAILED COVERAGE AND QUICK ACCESS TO KEY TECHNOLOGIES, STANDARDS AND PRACTICES. THIS GLOBAL WORK WILL BECOME YOUR NUMBER ONE RESOURCE WHETHER YOU ARE FROM AN AUDIO, VIDEO, COMMUNICATIONS OR COMPUTING BACKGROUND. COMPOSED FOR THE INDUSTRY PROFESSIONAL, PRACTICING ENGINEER, TECHNICIAN OR SALES PERSON LOOKING FOR A GUIDE THAT COVERS THE BROAD LANDSCAPE OF TELEVISION TECHNOLOGY IN ONE HANDY SOURCE, THE BROADCAST ENGINEER'S REFERENCE BOOK OFFERS COMPREHENSIVE AND ACCURATE TECHNICAL INFORMATION. GET THIS WEALTH OF INFORMATION AT YOUR FINGERTIPS! * UTILIZE EXTENSIVE ILLUSTRATIONS-MORE THAN 1200 TABLES, CHARTS AND PHOTOGRAPHS. * FIND EASY ACCESS TO ESSENTIAL TECHNICAL AND STANDARDS DATA. * DISCOVER INFORMATION ON EVERY ASPECT OF TELEVISION TECHNOLOGY. * LEARN THE CONCEPTS AND TERMS EVERY BROADCASTER NEEDS TO KNOW. LEARN FROM THE EXPERTS ON THE FOLLOWING TECHNOLOGIES: QUANTITIES AND UNITS; ERROR CORRECTION; NETWORK TECHNOLOGIES; TELCO TECHNOLOGIES; DISPLAYS; COLOURIMETRY; AUDIO SYSTEMS; TELEVISION STANDARDS; COLOUR ENCODING; TIME CODE; VBI DATA CARRIAGE; BROADCAST INTERCONNECT FORMATS; FILE STORAGE FORMATS; HDTV; MPEG 2; DVB; DATA BROADCAST; ATSC INTERACTIVE TV; ENCRYPTION SYSTEMS; OPTICAL SYSTEMS; STUDIO CAMERAS AND CAMCORDERS; VTRS AND TAPE STORAGE; STANDARDS CONVERTORS; TV STUDIOS AND STUDIO EQUIPMENT; STUDIO LIGHTING AND CONTROL; POST PRODUCTION SYSTEMS; TELECINES; HDTV PRODUCTION SYSTEMS; MEDIA ASSET MANAGEMENT SYSTEMS; ELECTRONIC NEWS PRODUCTION SYSTEMS; OB VEHICLES AND MOBILE CONTROL ROOMS; ENG AND EFP; POWER AND BATTERY SYSTEMS; R.F. PROPAGATION; SERVICE AREA PLANNING; MASTS TOWERS AND ANTENNAS; TEST AND MEASUREMENT; SYSTEMS MANAGEMENT; AND MANY MORE! RELATED FOCAL PRESS TITLES: WATKINSON: CONVERGENCE IN BROADCAST AND COMMUNICATIONS MEDIA (2001, £59.99 (GBP)/ \$75.95 (USD), ISBN: 0240515099) WATKINSON: MPEG HANDBOOK (2001, £35 (GBP)/\$54.99 (USD) ISBN: 0240516567)

FUNDAMENTALS OF TELECOMMUNICATIONS - ROGER L. FREEMAN 2005-05-20

THE SECOND EDITION OF THIS CRITICALLY-ACCLAIMED TEXT CONTINUES THE STANDARD OF EXCELLENCE SET IN THE FIRST EDITION BY PROVIDING A THOROUGH INTRODUCTION TO THE FUNDAMENTALS OF TELECOMMUNICATION NETWORKS WITHOUT BOGGING YOU DOWN IN COMPLEX TECHNICAL JARGON OR MATH. ALTHOUGH FOCUSING ON THE BASICS, THE BOOK HAS BEEN THOROUGHLY UPDATED WITH THE LATEST ADVANCES IN THE FIELD, INCLUDING A NEW CHAPTER ON METROPOLITAN AREA NETWORKS (MANS) AND NEW SECTIONS ON MOBILE FI, ZIGBEE AND ULTRAWIDEBAND. YOU'LL LEARN WHICH CHOICES ARE NOW AVAILABLE TO AN ORGANIZATION, HOW TO EVALUATE THEM AND HOW TO DEVELOP STRATEGIES THAT ACHIEVE THE BEST BALANCE AMONG COST, SECURITY AND PERFORMANCE FACTORS FOR VOICE, DATA, AND IMAGE COMMUNICATION.

DEEP SPACE TELECOMMUNICATIONS SYSTEMS ENGINEERING - JOSEPH H. YUEN 2013-04-17

THE CHALLENGE OF COMMUNICATION IN PLANETARY EXPLORATION HAS BEEN UNUSUAL. THE GUIDANCE AND CONTROL OF SPACECRAFT DEPEND ON RELIABLE COMMUNICATION. SCIENTIFIC DATA RETURNED TO EARTH ARE IRREPLACEABLE, OR REPLACEABLE ONLY AT THE COST OF ANOTHER MISSION. IN DEEP SPACE, COMMUNICATIONS PROPAGATION IS GOOD, RELATIVE TO TERRESTRIAL COMMUNICATIONS, AND THERE IS AN OPPORTUNITY TO PRESS TOWARD THE MATHEMATICAL LIMIT OF MICROWAVE COMMUNICATION. YET THE LIMITS MUST BE APPROACHED WARILY, WITH RELIABILITY AS WELL AS CHANNEL CAPACITY IN MIND. FURTHER, THE EFFECTS OF SMALL CHANGES IN THE EARTH'S ATMOSPHERE AND THE INTERPLANETARY PLASMA HAVE SMALL BUT IMPORTANT EFFECTS ON PROPAGATION TIME AND HENCE ON THE MEASUREMENT OF DISTANCE. ADVANCES ARE ALMOST INCREDIBLE. COMMUNICATION CAPABILITY MEASURED IN 18 BITS PER SECOND AT A GIVEN RANGE ROSE BY A FACTOR OF 10 IN THE 19 YEARS FROM EXPLORER I OF 1958 TO VOYAGER OF 1977. THIS IMPROVEMENT WAS ATTAINED THROUGH INGENIOUS DESIGN BASED ON THE SORT OF PENETRATING ANALYSIS SET FORTH IN THIS BOOK BY ENGINEERS WHO TOOK PART IN A HIGHLY DETAILED AND AMAZINGLY SUCCESSFUL PROGRAM. CAREFUL OBSERVATION AND ANALYSIS HAVE TOLD US MUCH ABOUT LIMITATIONS ON THE ACCURATE MEASUREMENT OF DISTANCE. IT IS NOT EASY TO GET BUSY PEOPLE TO TELL OTHERS CLEARLY AND IN DETAIL HOW THEY HAVE SOLVED IMPORTANT PROBLEMS. JOSEPH H. YUEN AND THE OTHER CONTRIBUTORS TO THIS BOOK ARE TO BE COMMENDED FOR THE TIME AND CARE THEY HAVE DEVOTED TO EXPLICATING ONE VITAL ASPECT OF A GREAT ADVENTURE OF MANKIND.

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.

TELECOMMUNICATION SYSTEMS ENGINEERING - WILLIAM C. LINDSEY 1991-01-01

THIS CLASSIC GRADUATE- AND RESEARCH-LEVEL TEXT BY TWO LEADING EXPERTS IN THE FIELD OF TELECOMMUNICATIONS OFFERS THEORETICAL AND PRACTICAL COVERAGE OF TELECOMMUNICATION SYSTEMS DESIGN AND PLANNING APPLICATIONS, AND ANALYZES PROBLEMS ENCOUNTERED IN TRACKING, COMMAND, TELEMETRY AND DATA ACQUISITION. A COMPREHENSIVE SET OF PROBLEMS DEMONSTRATES THE APPLICATION OF THE THEORY DEVELOPED. 268 ILLUSTRATIONS. INDEX.

MICRO-ELECTRONICS AND TELECOMMUNICATION ENGINEERING - DEVENDRA KUMAR SHARMA 2022-02-28

THE BOOK PRESENTS HIGH-QUALITY PAPERS FROM THE FOURTH INTERNATIONAL CONFERENCE ON MICROELECTRONICS AND TELECOMMUNICATION ENGINEERING (ICMETE 2021). IT DISCUSSES THE LATEST TECHNOLOGICAL TRENDS AND ADVANCES IN MAJOR RESEARCH AREAS SUCH AS MICROELECTRONICS, WIRELESS COMMUNICATIONS, OPTICAL COMMUNICATION, SIGNAL PROCESSING, IMAGE PROCESSING, BIG DATA, CLOUD COMPUTING, ARTIFICIAL INTELLIGENCE AND SENSOR NETWORK APPLICATIONS. THIS BOOK INCLUDES THE CONTRIBUTIONS OF NATIONAL AND INTERNATIONAL SCIENTISTS, RESEARCHERS, AND ENGINEERS FROM BOTH ACADEMIA AND THE INDUSTRY. THE CONTENTS OF THIS VOLUME WILL BE USEFUL TO RESEARCHERS, PROFESSIONALS, AND STUDENTS ALIKE.

150 TECHNICAL QUESTIONS AND ANSWERS FOR JOB INTERVIEW OFFSHORE OIL & GAS RIGS - PETROGAV INTERNATIONAL OIL & GAS TRAINING CENTER 2020-06-30

THE JOB INTERVIEW IS PROBABLY THE MOST IMPORTANT STEP YOU WILL TAKE IN YOUR JOB SEARCH JOURNEY. BECAUSE IT'S ALWAYS IMPORTANT TO BE PREPARED TO RESPOND EFFECTIVELY TO THE QUESTIONS THAT EMPLOYERS TYPICALLY ASK AT A JOB INTERVIEW PETROGAV INTERNATIONAL HAS PREPARED THIS eBooks THAT WILL HELP YOU TO GET A JOB IN OIL AND GAS INDUSTRY. SINCE THESE QUESTIONS ARE SO COMMON, HIRING MANAGERS WILL EXPECT YOU TO BE ABLE TO ANSWER THEM SMOOTHLY AND WITHOUT HESITATION. THIS eBook CONTAINS 150 QUESTIONS AND ANSWERS FOR JOB INTERVIEW AND AS A BONUS WEB ADDRESSES TO 230 VIDEO MOVIES FOR A BETTER UNDERSTANDING OF THE TECHNOLOGICAL PROCESS. THIS COURSE COVERS ASPECTS LIKE HSE, PROCESS, MECHANICAL, ELECTRICAL AND INSTRUMENTATION & CONTROL THAT WILL ENABLE YOU TO APPLY FOR ANY POSITION IN THE OIL AND GAS INDUSTRY. HANDBOOK OF MICROWAVE COMPONENT MEASUREMENTS - JOEL P. DUNSMORE 2020-06-29

HANDBOOK OF MICROWAVE COMPONENT MEASUREMENTS SECOND EDITION IS A FULLY UPDATED, COMPLETE REFERENCE TO THIS TOPIC, FOCUSING ON THE MODERN MEASUREMENT TOOLS, SUCH AS A VECTOR NETWORK ANALYZER (VNA), GATHERING IN ONE PLACE ALL THE CONCEPTS, FORMULAS, AND BEST PRACTICES OF MEASUREMENT SCIENCE. IT INCLUDES BASIC CONCEPTS IN EACH CHAPTER AS WELL AS APPENDICES WHICH PROVIDE ALL THE DETAIL NEEDED TO UNDERSTAND THE SCIENCE BEHIND MICROWAVE MEASUREMENTS. THE BOOK OFFERS AN INSIGHT INTO THE BEST PRACTICES FOR ASCERTAINING THE TRUE NATURE OF THE DEVICE-UNDER-TEST (DUT), OPTIMIZING THE TIME TO SETUP AND MEASURE, AND TO THE GREATEST EXTENT POSSIBLE, REMOVE THE EFFECTS OF THE MEASURING EQUIPMENT FROM THAT RESULT. FURTHERMORE, THE AUTHOR WRITES WITH A SIMPLICITY THAT IS EASILY ACCESSIBLE TO THE STUDENT OR NEW ENGINEER, YET IS THOROUGH ENOUGH TO PROVIDE DETAILS OF MEASUREMENT SCIENCE FOR EVEN THE MOST ADVANCED APPLICATIONS AND RESEARCHERS. THIS WELCOME NEW EDITION BRINGS FORWARD THE MOST MODERN TECHNIQUES USED IN INDUSTRY TODAY, AND RECOGNIZES THAT MORE NEW TECHNIQUES HAVE DEVELOPED SINCE THE FIRST EDITION PUBLISHED IN 2012. WHILST STILL FOCUSING ON THE VNA, THESE TECHNIQUES ARE ALSO COMPATIBLE WITH OTHER VENDOR'S ADVANCED EQUIPMENT, PROVIDING A COMPREHENSIVE INDUSTRY REFERENCE. PROCEEDINGS OF THE SECOND INTERNATIONAL SCIENTIFIC CONFERENCE "INTELLIGENT INFORMATION TECHNOLOGIES FOR INDUSTRY" (IITI'17) - AJITH ABRAHAM 2017-09-30

THIS VOLUME OF ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING HIGHLIGHTS KEY SCIENTIFIC ACHIEVEMENTS AND INNOVATIONS IN ALL AREAS OF AUTOMATION, INFORMATIZATION, COMPUTER SCIENCE, AND ARTIFICIAL INTELLIGENCE. IT GATHERS PAPERS PRESENTED AT THE IITI 2017, THE SECOND INTERNATIONAL CONFERENCE ON INTELLIGENT INFORMATION TECHNOLOGIES FOR INDUSTRY, WHICH WAS HELD IN VARNA, BULGARIA ON SEPTEMBER 14-16, 2017. THE CONFERENCE WAS JOINTLY CO-ORGANIZED BY TECHNICAL UNIVERSITY OF VARNA (BULGARIA), TECHNICAL UNIVERSITY OF SOFIA (BULGARIA), VSB TECHNICAL UNIVERSITY OF OSTRAVA (CZECH REPUBLIC) AND ROSTOV STATE TRANSPORT UNIVERSITY (RUSSIA). THE IITI 2017 BROUGHT TOGETHER INTERNATIONAL RESEARCHERS AND INDUSTRIAL PRACTITIONERS INTERESTED IN THE DEVELOPMENT AND IMPLEMENTATION OF MODERN TECHNOLOGIES FOR AUTOMATION, INFORMATIZATION, COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE, TRANSPORT AND POWER ELECTRICAL ENGINEERING. IN ADDITION TO ADVANCING BOTH FUNDAMENTAL RESEARCH AND INNOVATIVE APPLICATIONS, THE CONFERENCE IS INTENDED TO ESTABLISH A NEW DISSEMINATION PLATFORM AND AN INTERNATIONAL NETWORK OF RESEARCHERS IN THESE FIELDS.

REFERENCE MANUAL FOR TELECOMMUNICATIONS ENGINEERING - ROGER L. FREEMAN 2002

CONTAINS A COMPENDIUM OF THE MOST FREQUENTLY USED DATA IN DAY-TO-DAY TELECOMMUNICATIONS ENGINEERING WORK: TABLES, GRAPHS, FIGURES, FORMULAE, NOMOGRAMS, PERFORMANCE CURVES, STANDARDS HIGHLIGHTS, CONSTANTS AND STATISTICS. DESIGNED FOR EASY AND RAPID ACCESS. COMPREHENSIVE REFERENCE FOR DESIGNING, BUILDING, PURCHASING, USING OR MAINTAINING ALL KINDS OF TELECOMMUNICATIONS SYSTEMS. CENTRAL SOURCE OF INFORMATION ON TRANSMISSION, SWITCHING, TRAFFIC ENGINEERING, NUMBERING, SIGNALING, NOISE, MODULATION AND FORWARD ERROR CORRECTION.

TRAINING FOR JOB INTERVIEW OFFSHORE OIL & GAS PLATFORMS - PETROGAV INTERNATIONAL OIL & GAS TRAINING CENTER 2020-07-01

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A SENIOR LIFE MEMBER OF THE IEEE, ROGER FREEMAN HAS LECTURED AT NUMEROUS PROFESSIONAL CONFERENCES AND PUBLISHED WIDELY IN INTERNATIONAL TELECOMMUNICATIONS JOURNALS. HE GIVES TELECOMMUNICATIONS SEMINARS AT THE UNIVERSITY OF WISCONSIN, MADISON.

STARTING DIGITAL SIGNAL PROCESSING IN TELECOMMUNICATION ENGINEERING - TOMASZ P. ZIELIŃSKI 2021-01-29

THIS HANDS-ON, LABORATORY DRIVEN TEXTBOOK HELPS READERS UNDERSTAND PRINCIPLES OF DIGITAL SIGNAL PROCESSING (DSP) AND BASICS OF SOFTWARE-BASED DIGITAL COMMUNICATION, PARTICULARLY SOFTWARE-DEFINED NETWORKS (SDN) AND SOFTWARE-DEFINED RADIO (SDR). IN THE BOOK ONLY THE MOST IMPORTANT CONCEPTS ARE PRESENTED. EACH BOOK CHAPTER IS AN INTRODUCTION TO COMPUTER LABORATORY AND IS ACCOMPANIED BY COMPLETE LABORATORY EXERCISES AND READY-TO-GO MATLAB PROGRAMS WITH FIGURES AND COMMENTS (AVAILABLE AT THE BOOK WEBPAGE AND RUNNING ALSO IN GNU OCTAVE 5.2 WITH FREE SOFTWARE PACKAGES), SHOWING ALL OR MOST DETAILS OF RELEVANT ALGORITHMS. STUDENTS ARE TASKED TO UNDERSTAND PROGRAMS, MODIFY THEM, AND APPLY PRESENTED CONCEPTS TO RECORDED REAL RF SIGNAL OR SIMULATED RECEIVED SIGNALS, WITH MODELLED TRANSMISSION CONDITION AND HARDWARE IMPERFECTIONS. TEACHING IS DONE BY SHOWING EXAMPLES AND THEIR MODIFICATIONS TO DIFFERENT REAL-

WORLD TELECOMMUNICATION-LIKE APPLICATIONS. THE BOOK CONSISTS OF THREE PARTS: INTRODUCTION TO DSP (SPECTRAL ANALYSIS AND DIGITAL FILTERING), INTRODUCTION TO DSP ADVANCED TOPICS (MULTI-RATE, ADAPTIVE, MODEL-BASED AND MULTIMEDIA - SPEECH, AUDIO, VIDEO - SIGNAL ANALYSIS AND PROCESSING) AND INTRODUCTION TO SOFTWARE-DEFINED MODERN TELECOMMUNICATION SYSTEMS (SDR TECHNOLOGY, ANALOG AND DIGITAL MODULATIONS, SINGLE- AND MULTI-CARRIER SYSTEMS, CHANNEL ESTIMATION AND CORRECTION AS WELL AS SYNCHRONIZATION ISSUES). MANY REAL SIGNALS ARE PROCESSED IN THE BOOK, IN THE FIRST PART - MAINLY SPEECH AND AUDIO, WHILE IN THE SECOND PART - MAINLY RF RECORDINGS TAKEN FROM RTL-SDR USB STICK AND ADALM-PLUTO MODULE, FOR EXAMPLE CAPTURED IQ DATA OF VOR AVIONICS SIGNAL, CLASSICAL FM RADIO WITH RDS, DIGITAL DAB/DAB+ RADIO AND 4G-LTE DIGITAL TELEPHONY. ADDITIONALLY, MODELLING AND SIMULATION OF SOME TRANSMISSION SCENARIOS ARE TESTED IN SOFTWARE IN THE BOOK, IN PARTICULAR TETRA, ADSL AND 5G SIGNALS. PROVIDES AN INTRODUCTION TO DIGITAL SIGNAL PROCESSING AND SOFTWARE-BASED DIGITAL COMMUNICATION; PRESENTS A TRANSITION FROM DIGITAL SIGNAL PROCESSING TO SOFTWARE-DEFINED TELECOMMUNICATION; FEATURES A SUITE OF PEDAGOGICAL MATERIALS INCLUDING A LABORATORY TEST-BED AND COMPUTER EXERCISES/EXPERIMENTS.

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.

FUTURE AERONAUTICAL COMMUNICATIONS - SIMON PLASS 2011-09-26

THERE ARE WELL-FOUNDED CONCERNS THAT CURRENT AIR TRANSPORTATION SYSTEMS WILL NOT BE ABLE TO COPE WITH THEIR EXPECTED GROWTH. CURRENT PROCESSES, PROCEDURES AND TECHNOLOGIES IN AERONAUTICAL COMMUNICATIONS DO NOT PROVIDE THE FLEXIBILITY NEEDED TO MEET THE GROWING DEMANDS. AERONAUTICAL COMMUNICATIONS IS SEEN AS A MAJOR BOTTLENECK STRESSING CAPACITY LIMITS IN AIR TRANSPORTATION. ONGOING RESEARCH PROJECTS ARE DEVELOPING THE FUNDAMENTAL METHODS, CONCEPTS AND TECHNOLOGIES FOR FUTURE AERONAUTICAL COMMUNICATIONS THAT ARE REQUIRED TO ENABLE HIGHER CAPACITIES IN AIR TRANSPORTATION. THE AIM OF THIS BOOK IS TO EDIT THE ENSEMBLE OF NEWEST CONTRIBUTIONS AND RESEARCH RESULTS IN THE FIELD OF FUTURE AERONAUTICAL COMMUNICATIONS. THE BOOK GIVES THE READERS THE OPPORTUNITY TO DEEPEN AND BROADEN THEIR KNOWLEDGE OF THIS FIELD. TODAY'S AND TOMORROW'S PROBLEMS / METHODS IN THE FIELD OF AERONAUTICAL COMMUNICATIONS ARE TREATED: CURRENT TRENDS ARE IDENTIFIED; IPV6 AERONAUTICAL NETWORK ASPECT ARE COVERED; CHALLENGES FOR THE SATELLITE COMPONENT ARE ILLUSTRATED; AEROMACS AND LDACS AS FUTURE DATA LINKS ARE INVESTIGATED AND VISIONS FOR AERONAUTICAL COMMUNICATIONS ARE FORMULATED.

OFFSHORE OIL & GAS PLATFORMS JOB INTERVIEW - PETROGAV INTERNATIONAL OIL & GAS TRAINING CENTER 2020-07-01

THE JOB INTERVIEW IS PROBABLY THE MOST IMPORTANT STEP YOU WILL TAKE IN YOUR JOB SEARCH JOURNEY. BECAUSE IT'S ALWAYS IMPORTANT TO BE PREPARED TO RESPOND EFFECTIVELY TO THE QUESTIONS THAT EMPLOYERS TYPICALLY ASK AT A JOB INTERVIEW PETROGAV INTERNATIONAL HAS PREPARED THIS eBooks THAT WILL HELP YOU TO GET A JOB IN OIL AND GAS INDUSTRY. SINCE THESE QUESTIONS ARE SO COMMON, HIRING MANAGERS WILL EXPECT YOU TO BE ABLE TO ANSWER THEM SMOOTHLY AND WITHOUT HESITATION. THIS eBook CONTAINS 279 QUESTIONS AND ANSWERS FOR JOB INTERVIEW AND AS A BONUS WEB ADDRESSES TO 273 VIDEO MOVIES FOR A BETTER UNDERSTANDING OF THE TECHNOLOGICAL PROCESS. THIS COURSE COVERS ASPECTS LIKE HSE, PROCESS, MECHANICAL, ELECTRICAL AND INSTRUMENTATION & CONTROL THAT WILL ENABLE YOU TO APPLY FOR ANY POSITION IN THE OIL AND GAS INDUSTRY. HIGH SKILL MIGRATION AND RECESSION - ANNA TRIANDAFYLIDOU 2016-04-29

WOMEN MIGRANTS ARE DOUBLY-DISADVANTAGED BY THEIR SEX AND OUTSIDER STATUS WHEN MOVING TO A NEW COUNTRY. HIGHLY SKILLED WOMEN ARE NO EXCEPTION TO THIS RULE. THIS BOOK EXPLORES THE COMPLEX RELATIONSHIP BETWEEN GENDER AND HIGH-SKILL MIGRATION, WITH A SPECIAL FOCUS ON THE IMPACT OF THE CURRENT ECONOMIC CRISIS ON HIGHLY SKILLED WOMEN-MIGRANTS IN EUROPE. SATELLITE COMMUNICATIONS SYSTEMS ENGINEERING - LOUIS J. IPPOLITO, JR. 2017-05-01

THE FIRST EDITION OF SATELLITE COMMUNICATIONS SYSTEMS ENGINEERING (WILEY 2008) WAS WRITTEN FOR THOSE CONCERNED WITH THE DESIGN AND PERFORMANCE OF SATELLITE COMMUNICATIONS SYSTEMS EMPLOYED IN FIXED POINT TO POINT, BROADCASTING, MOBILE, RADIO NAVIGATION, DATA RELAY, COMPUTER COMMUNICATIONS, AND RELATED SATELLITE BASED APPLICATIONS. THIS WELCOME SECOND EDITION CONTINUES THE BASIC PREMISE AND ENHANCES THE PUBLICATION WITH THE LATEST UPDATED INFORMATION AND NEW TECHNOLOGIES DEVELOPED SINCE THE PUBLICATION OF THE FIRST EDITION. THE BOOK IS BASED ON GRADUATE LEVEL SATELLITE COMMUNICATIONS COURSE MATERIAL AND HAS SERVED AS THE PRIMARY TEXT FOR ELECTRICAL ENGINEERING MASTERS AND DOCTORAL LEVEL COURSES IN SATELLITE COMMUNICATIONS AND RELATED AREAS. INTRODUCTORY TO ADVANCED ENGINEERING LEVEL STUDENTS IN ELECTRICAL, COMMUNICATIONS AND WIRELESS NETWORK COURSES, AND ELECTRICAL ENGINEERS, COMMUNICATIONS ENGINEERS, SYSTEMS ENGINEERS, AND WIRELESS NETWORK ENGINEERS LOOKING FOR A REFRESHER WILL FIND THIS ESSENTIAL TEXT INVALUABLE.

KNOWLEDGE-BASED AND INTELLIGENT INFORMATION AND ENGINEERING SYSTEMS - ROSSITZA SETCHI 2010-09-07

THE 14 INTERNATIONAL CONFERENCE ON KNOWLEDGE-BASED AND INTELLIGENT INFORMATION AND ENGINEERING SYSTEMS WAS HELD DURING SEPTEMBER 8-10, 2010 IN CARDIFF, UK. THE CONFERENCE WAS ORGANIZED BY THE SCHOOL OF ENGINEERING AT CARDIFF UNIVERSITY, UK AND KES INTERNATIONAL. KES2010 PROVIDED AN INTERNATIONAL SCIENTIFIC FORUM FOR THE PRESENTATION OF THE RESULTS OF HIGH-QUALITY RESEARCH ON A BROAD RANGE OF INTELLIGENT SYSTEMS TOPICS. THE CONFERENCE ATTRACTED OVER 360 SUBMISSIONS FROM 42 COUNTRIES AND 6 CONTINENTS: ARGENTINA, AUSTRALIA, BELGIUM, BRAZIL, BULGARIA, CANADA, CHILE, CHINA, CROATIA, CZECH REPUBLIC, DENMARK, FINLAND, FRANCE, GERMANY, GREECE, HONG KONG ROC, HUNGARY, INDIA, IRAN, IRELAND, ISRAEL, ITALY, JAPAN, KOREA, MALAYSIA, MEXICO, THE NETHERLANDS, NEW ZEALAND, PAKISTAN, POLAND, ROMANIA, SINGAPORE, SLOVENIA, SPAIN, SWEDEN, SYRIA, TAIWAN, TURKEY, UK, USA AND VIETNAM. THE CONFERENCE CONSISTED OF 6 KEYNOTE TALKS, 11 GENERAL TRACKS AND 29 INVITED SESSIONS AND WORKSHOPS, ON THE APPLICATIONS AND THEORY OF INTELLIGENT SYSTEMS AND RELATED AREAS. THE DISTINGUISHED KEYNOTE SPEAKERS WERE CHRISTOPHER BISHOP, UK, NIKOLA SABOV, NEW ZEALAND, SAEID NAHAVANDI, AUSTRALIA, TETSUO SAWARAGI, JAPAN, YUZURU TANAKA, JAPAN AND ROGER WHITAKER, UK. OVER 240 ORAL AND POSTER PRESENTATIONS PROVIDED EXCELLENT OPPORTUNITIES FOR THE PRESENTATION OF INTERESTING NEW RESEARCH RESULTS AND DISCUSSION ABOUT THEM, LEADING TO KNOWLEDGE TRANSFER AND GENERATION OF NEW IDEAS. EXTENDED VERSIONS OF SELECTED PAPERS WERE CONSIDERED FOR PUBLICATION IN THE INTERNATIONAL JOURNAL OF KNOWLEDGE-BASED AND INTELLIGENT ENGINEERING SYSTEMS, ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, JOURNAL OF INTELLIGENT MANUFACTURING, AND NEURAL COMPUTING AND APPLICATIONS.

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

THIS PRACTICAL HANDBOOK AND REFERENCE PROVIDES A COMPLETE UNDERSTANDING OF THE TELECOMMUNICATIONS FIELD SUPPORTED BY DESCRIPTIONS AND CASE EXAMPLES THROUGHOUT TAKING A PRACTICAL APPROACH, THE TELECOMMUNICATIONS HANDBOOK EXAMINES THE PRINCIPLES AND DETAILS OF ALL OF 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 OPTIMISATION. 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 (SIGNALLING, 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 THE PARAMETER ADJUSTMENTS) AND FUTURE SYSTEMS ARE ALSO DESCRIBED. EACH CHAPTER COVERS ASPECTS INDIVIDUALLY FOR EASY REFERENCE, INCLUDING APPROACHES SUCH AS: FUNCTIONAL BLOCKS, PROTOCOL LAYERS, HARDWARE AND SOFTWARE, PLANNING, OPTIMIZATION, USE CASES, CHALLENGES, SOLUTIONS TO POTENTIAL PROBLEMS PROVIDES VERY PRACTICAL DETAIL ON THE PLANNING AND OPERATION OF NETWORKS TO ENABLE READERS TO APPLY THE CONTENT IN REAL-WORLD DEPLOYMENTS BRIDGES THE GAP BETWEEN THE COMMUNICATIONS IN THE ACADEMIC CONTEXT AND THE PRACTICAL KNOWLEDGE AND SKILLS NEEDED TO WORK IN THE TELECOMMUNICATIONS INDUSTRY SECTION DIVISIONS INCLUDE: GENERAL THEORY; FIXED TELECOMMUNICATIONS; MOBILE COMMUNICATIONS; SPACE COMMUNICATIONS; OTHER AND SPECIAL COMMUNICATIONS; AND PLANNING AND MANAGEMENT OF TELECOMMUNICATION NETWORKS COVERS NEW COMMERCIAL AND ENHANCED SYSTEMS DEPLOYED, SUCH AS IPV6 BASED NETWORKS, LTE-ADVANCED AND GALILEO AN ESSENTIAL REFERENCE FOR TECHNICAL PERSONNEL AT TELECOM OPERATORS; EQUIPMENT AND TERMINAL MANUFACTURERS; ENGINEERS WORKING FOR NETWORK OPERATORS.

273 TECHNICAL QUESTIONS AND ANSWERS FOR JOB INTERVIEW OFFSHORE OIL & GAS RIGS - PETROGAV INTERNATIONAL OIL & GAS TRAINING CENTER 2020-06-30

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FOR A BETTER UNDERSTANDING OF THE TECHNOLOGICAL PROCESS. THIS COURSE COVERS ASPECTS LIKE HSE, PROCESS, MECHANICAL, ELECTRICAL AND INSTRUMENTATION & CONTROL THAT WILL ENABLE YOU TO APPLY FOR ANY POSITION IN THE OIL AND GAS INDUSTRY.

ADVANCED COMPUTER AND COMMUNICATION ENGINEERING TECHNOLOGY - HAMZAH ASYRANI SULAIMAN 2014-11-01

THIS BOOK COVERS DIVERSE ASPECTS OF ADVANCED COMPUTER AND COMMUNICATION ENGINEERING, FOCUSING SPECIFICALLY ON INDUSTRIAL AND MANUFACTURING THEORY AND APPLICATIONS OF ELECTRONICS, COMMUNICATIONS, COMPUTING AND INFORMATION TECHNOLOGY. EXPERTS IN RESEARCH, INDUSTRY, AND ACADEMIA PRESENT THE LATEST DEVELOPMENTS IN TECHNOLOGY, DESCRIBE APPLICATIONS INVOLVING CUTTING-EDGE COMMUNICATION AND COMPUTER SYSTEMS AND EXPLORE LIKELY FUTURE DIRECTIONS. IN ADDITION, ACCESS IS OFFERED TO NUMEROUS NEW ALGORITHMS THAT ASSIST IN SOLVING COMPUTER AND COMMUNICATION ENGINEERING PROBLEMS. THE BOOK IS BASED ON PRESENTATIONS DELIVERED AT ICOCOE 2014, THE 1ST INTERNATIONAL CONFERENCE ON COMMUNICATION AND COMPUTER ENGINEERING. IT WILL APPEAL TO A WIDE RANGE OF PROFESSIONALS IN THE FIELD, INCLUDING TELECOMMUNICATION ENGINEERS, COMPUTER ENGINEERS AND SCIENTISTS, RESEARCHERS, ACADEMICS AND STUDENTS.

TELECOMMUNICATIONS ENGINEER'S REFERENCE BOOK - FRAIDOOON MAZDA 2014-06-28

TELECOMMUNICATIONS ENGINEER'S REFERENCE BOOK MAINTAINS A BALANCE BETWEEN DEVELOPMENTS AND ESTABLISHED TECHNOLOGY IN TELECOMMUNICATIONS. THIS BOOK CONSISTS OF FOUR PARTS. PART 1 INTRODUCES MATHEMATICAL TECHNIQUES THAT ARE REQUIRED FOR THE ANALYSIS OF TELECOMMUNICATION SYSTEMS. THE PHYSICAL ENVIRONMENT OF TELECOMMUNICATIONS AND BASIC PRINCIPLES SUCH AS THE TELETRAFFIC THEORY, ELECTROMAGNETIC WAVES, OPTICS AND VISION, IONOSPHERE AND TROPOSPHERE, AND SIGNALS AND NOISE ARE DESCRIBED IN PART 2. PART 3 COVERS THE POLITICAL AND REGULATORY ENVIRONMENT OF THE TELECOMMUNICATIONS INDUSTRY, TELECOMMUNICATION STANDARDS, OPEN SYSTEM INTERCONNECT REFERENCE MODEL, MULTIPLE ACCESS TECHNIQUES, AND NETWORK MANAGEMENT. THE LAST PART DELIBERATES TELECOMMUNICATION APPLICATIONS THAT INCLUDES SYNCHRONOUS DIGITAL HIERARCHY, ASYNCHRONOUS TRANSFER MODE, INTEGRATED SERVICES DIGITAL NETWORK, SWITCHING SYSTEMS, CENTREX, AND CALL MANAGEMENT. THIS PUBLICATION IS INTENDED FOR PRACTICING ENGINEERS, AND AS A SUPPLEMENTARY TEXT FOR UNDERGRADUATE COURSES IN TELECOMMUNICATIONS.

COMPUTER AND COMMUNICATION ENGINEERING - FILIPPO NERI 2022-09-23

THIS BOOK CONSTITUTES REFEREED PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON COMPUTER AND COMMUNICATION ENGINEERING, CCCE 2022, HELD IN ROME, ITALY, MARCH 11-13, 2022. THE 9 FULL PAPERS AND 8 SHORT PAPERS PRESENTED IN THIS VOLUME WERE CAREFULLY REVIEWED AND SELECTED FROM A TOTAL OF 36 SUBMISSIONS. THE PAPERS IN THE VOLUME ARE ORGANISED ACCORDING TO THE FOLLOWING TOPICAL HEADINGS: INFORMATION SCIENCE AND MOBILE COMMUNICATION; COMPUTER AND ELECTRONIC ENGINEERING.

GB/T-2016, GB-2016 -- CHINESE NATIONAL STANDARD PDF-ENGLISH, CATALOG (YEAR 2016) -

[HTTPS://WWW.CHINESESTANDARD.NET](https://www.chinesestandard.net) 2020-06-06

THIS DOCUMENT PROVIDES THE COMPREHENSIVE LIST OF CHINESE NATIONAL STANDARDS - CATEGORY: GB, GB/T SERIES OF YEAR 2016.

FUNDAMENTALS OF WIRELESS COMMUNICATION - DAVID TSE 2005-05-26

THIS TEXTBOOK TAKES A UNIFIED VIEW OF THE FUNDAMENTALS OF WIRELESS COMMUNICATION AND EXPLAINS CUTTING-EDGE CONCEPTS IN A SIMPLE AND INTUITIVE WAY. AN ABUNDANT SUPPLY OF EXERCISES MAKE IT IDEAL FOR GRADUATE COURSES IN ELECTRICAL AND COMPUTER ENGINEERING AND IT WILL ALSO BE OF GREAT INTEREST TO PRACTISING ENGINEERS.

100 TECHNICAL QUESTIONS AND ANSWERS FOR JOB INTERVIEW OFFSHORE DRILLING RIGS - PETROGAV INTERNATIONAL OIL & GAS TRAINING CENTER 2020-06-28

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SOFTWARE-DEFINED RADIO FOR ENGINEERS - ALEXANDER M. WYGLINSKI 2018-04-30

BASED ON THE POPULAR ARTECH HOUSE CLASSIC, DIGITAL COMMUNICATION SYSTEMS ENGINEERING WITH SOFTWARE-DEFINED RADIO, THIS BOOK PROVIDES A PRACTICAL APPROACH TO QUICKLY LEARNING THE SOFTWARE-DEFINED RADIO (SDR) CONCEPTS NEEDED FOR WORK IN THE FIELD. THIS UP-TO-DATE VOLUME GUIDES READERS ON HOW TO QUICKLY PROTOTYPE WIRELESS DESIGNS USING SDR FOR REAL-WORLD TESTING AND EXPERIMENTATION. THIS BOOK EXPLORES ADVANCED WIRELESS COMMUNICATION TECHNIQUES SUCH AS OFDM, LTE, WLA, AND HARDWARE TARGETING. READERS WILL GAIN AN UNDERSTANDING OF THE CORE CONCEPTS BEHIND WIRELESS HARDWARE, SUCH AS THE RADIO FREQUENCY FRONT-END, ANALOG-TO-DIGITAL AND DIGITAL-TO-ANALOG CONVERTERS, AS WELL AS VARIOUS PROCESSING TECHNOLOGIES. MOREOVER, THIS VOLUME INCLUDES CHAPTERS ON TIMING ESTIMATION, MATCHED FILTERING, FRAME SYNCHRONIZATION MESSAGE DECODING, AND SOURCE CODING. THE ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING IS EXPLAINED AND DETAILS ABOUT HDL CODE GENERATION AND DEPLOYMENT ARE PROVIDED. THE BOOK CONCLUDES WITH COVERAGE OF THE WLAN TOOLBOX WITH OFDM BEACON RECEPTION AND THE LTE TOOLBOX WITH DOWNLINK RECEPTION. MULTIPLE CASE STUDIES ARE PROVIDED THROUGHOUT THE BOOK. BOTH MATLAB AND SIMULINK SOURCE CODE ARE INCLUDED TO ASSIST READERS WITH THEIR PROJECTS IN THE FIELD.

200 TECHNICAL QUESTIONS AND ANSWERS FOR JOB INTERVIEW OFFSHORE OIL & GAS RIGS - PETROGAV INTERNATIONAL OIL & GAS

TRAINING CENTER 2020-06-30

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PERFORMANCE OF DETECTION AND COMMUNICATION SYSTEMS - ALBERT H. NUTTALL 1980

INTRODUCTORY COMPUTER FORENSICS - XIAODONG LIN 2018-11-10

THIS TEXTBOOK PROVIDES AN INTRODUCTION TO DIGITAL FORENSICS, A RAPIDLY EVOLVING FIELD FOR SOLVING CRIMES. BEGINNING WITH THE BASIC CONCEPTS OF COMPUTER FORENSICS, EACH OF THE BOOK'S 21 CHAPTERS FOCUSES ON A PARTICULAR FORENSIC TOPIC COMPOSED OF TWO PARTS: BACKGROUND KNOWLEDGE AND HANDS-ON EXPERIENCE THROUGH PRACTICE EXERCISES. EACH THEORETICAL OR BACKGROUND SECTION CONCLUDES WITH A SERIES OF REVIEW QUESTIONS, WHICH ARE PREPARED TO TEST STUDENTS' UNDERSTANDING OF THE MATERIALS, WHILE THE PRACTICE EXERCISES ARE INTENDED TO AFFORD STUDENTS THE OPPORTUNITY TO APPLY THE CONCEPTS INTRODUCED IN THE SECTION ON BACKGROUND KNOWLEDGE. THIS EXPERIENCE-ORIENTED TEXTBOOK IS MEANT TO ASSIST STUDENTS IN GAINING A BETTER UNDERSTANDING OF DIGITAL FORENSICS THROUGH HANDS-ON PRACTICE IN COLLECTING AND PRESERVING DIGITAL EVIDENCE BY COMPLETING VARIOUS EXERCISES. WITH 20 STUDENT-DIRECTED, INQUIRY-BASED PRACTICE EXERCISES, STUDENTS WILL BETTER UNDERSTAND DIGITAL FORENSIC CONCEPTS AND LEARN DIGITAL FORENSIC INVESTIGATION TECHNIQUES. THIS TEXTBOOK IS INTENDED FOR UPPER UNDERGRADUATE AND GRADUATE-LEVEL STUDENTS WHO ARE TAKING DIGITAL-FORENSIC RELATED COURSES OR WORKING IN DIGITAL FORENSICS RESEARCH. IT CAN ALSO BE USED BY DIGITAL FORENSICS PRACTITIONERS, IT SECURITY ANALYSTS, AND SECURITY ENGINEERS WORKING IN THE IT SECURITY INDUSTRY, PARTICULAR IT PROFESSIONALS RESPONSIBLE FOR DIGITAL INVESTIGATION AND INCIDENT HANDLING OR RESEARCHERS WORKING IN THESE RELATED FIELDS AS A REFERENCE BOOK.

150 TECHNICAL QUESTIONS AND ANSWERS FOR JOB INTERVIEW OFFSHORE DRILLING RIGS - PETROGAV INTERNATIONAL OIL & GAS TRAINING CENTER 2020-06-28

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QUICK GUIDELINE TO PREPARE PAPERBACK BOOK INTERIOR AND COVER FILES USING DIFFERENT APPLICATIONS - DR. HIDAIA MAHMOOD ALASSOULI 2021-12-31

IN ORDER TO PUBLISH AND SELL A BOOK ON ANY PUBLISHING WEBSITE, YOU NEED A READY-TO-PRINT PDF LAYOUT THAT SUPPORTS ALL THE REQUIREMENTS OF THE PUBLISHER SYSTEM. YOU CAN CREATE THE PDF INDEPENDENTLY OR USE OTHER PRODUCTION SOFTWARE LIKE INDESIGN, OR YOU CAN BUY A PAID PROFESSIONAL PRODUCTION SERVICE. BOOK COVER CREATION IS THE VERY LAST CREATIVE STEP WHEN PUBLISHING A BOOK. THATS BECAUSE ALMOST EVERYTHING ABOUT THE ANATOMY OF A BOOK COVER IS CONTROLLED BY THE FINAL, EDITED VERSION OF THE BOOK: THE TRIM SIZE, PAPER COLOR AND NUMBER OF PAGES ALL DETERMINE YOUR COVERS DIMENSIONS. YOU NEED TO DESIGN THE COVER AFTER THE FINAL DRAFT IS FINISHED. BOOK COVER DESIGN IS COMPRISED OF TEXT AND IMAGES. YOU MUST NOTE: THE FRONT COVER, BACK COVER, SPINE, LAYOUT, PICTURE, FONTS, AND OTHER ELEMENTS OF THE COVER. THE BOOK CONSISTS OF MANUSCRIPT AND COVER. ON THE PUBLISHING WEBSITE, YOU CAN UPLOAD YOUR MANUSCRIPT. THE PUBLISHING WEBSITE WILL AUTOMATICALLY CONVERT THE MANUSCRIPT TO PROOFED PDF PRIOR TO PUBLISHING/PRINTING. DEPENDING ON THE PUBLISHING WEBSITE, YOU CAN CREATE YOUR BOOK COVER USING COVER CREATOR TOOL OR SUBMIT YOUR BOOK COVER IN A PDF. PUBLISHING PRINT BOOKS AT KDP AMAZON KDP.AMAZON.COM, LULU.COM AND NOTIONPRESS.COM IS STRAIGHTFORWARD, AS YOU CAN JUST UPLOAD YOUR MANUSCRIPT AS A PDF, DOC, DOCX, RTF, HTML, OR TXT FILE. KDP.AMAZON.COM, NOTIONPRESS.COM AND LULU.COM WILL AUTOMATICALLY CONVERT THESE FILE TYPES TO PDF PRIOR TO PUBLISHING/PRINTING. YOU CAN CREATE YOUR BOOK COVER USING COVER CREATOR TOOL WITHIN THE WEBSITES. THE FREE COVER CREATOR HELPS YOU TO CREATE AND CUSTOMIZE YOUR eBook,

PAPERBACK, OR HARDCOVER COVER WITH A VARIETY OF LAYOUTS AND FONTS. COVER CREATOR USES THE BOOK DETAILS YOU ENTER DURING TITLE SETUP AND ADDS YOUR BOOK'S ISBN TO THE BARCODE AREA ON THE BACK COVER BUT OTHER PUBLISHING WEBSITES SUCH AS STREETLIB.COM, INGRAMSPARK.COM, BLURB.COM, PRESS.BARNESANDNOBLE.COM AND FEIYR.COM REQUIRES FROM THE AUTHORS TO PREPARE THE PAPERBACK BOOK MANUSCRIPT IN PDF FORMAT, AND TO DESIGN AND SUBMIT THE BOOK COVER IN A PDF FORMAT ACCORDING TO THEIR SPECIFICATIONS. SO, THE AUTHOR MUST HAVE GOOD KNOWLEDGE ON THE FORMATTING REQUIREMENTS FOR THE BOOK INTERIOR, AND NEEDS TO CREATE A PAPERBACK COVER, USING DESIGN SOFTWARE TO BE ABLE TO PUBLISH IN SUCH WEBSITES. SO, WHEN YOU CREATE A PAPERBACK BOOK, YOU NEED TO FORMAT AND UPLOAD TWO FILES: A MANUSCRIPT FILE, WHICH IS THE INTERIOR OF YOUR BOOK, AND A COVER FILE, WHICH IS THE OUTSIDE OF YOUR BOOK INCLUDING THE FRONT, BACK, AND SPINE. HERE I WILL PROVIDE THE STEPS ON HOW TO FORMAT BOTH FILES, PLUS TOOLS AND RESOURCES TO HELP YOU GET STARTED. THE REPORT CONSISTS FROM THE FOLLOWING SECTIONS: 1. BOOK SPINE WIDTH CALCULATOR. 2. ONLINE COVER CALCULATORS. 3. CREATING BARCODE FOR THE BOOK ISBN. 4. INTERIOR AND COVER FILES SPECIFICATIONS FOR PUBLISHING AT KDP AMAZON AND USING THE ONLINE COVER CREATOR AT KDP AMAZON. 5. INTERIOR AND COVER FILES SPECIFICATIONS FOR PUBLISHING AT LULU.COM AND USING THE ONLINE COVER CREATOR AT LULU.COM. 6. QUICK GUIDELINE FOR CREATING A BLEED FOR YOUR PUBLICATION ON MICROSOFT WORD. 7. QUICK GUIDELINE FOR CREATING A BLEED FOR YOUR PUBLICATION ON ADOBE APPLICATIONS AND OTHER APPLICATIONS. 8. CONFIGURING WORD SO THAT IT DOESN'T COMPRESS IMAGES. 9. STREETLIB.COM PAPERBACK BOOK SPECIFICATIONS. 10. FEIYR.COM COVER TEMPLATES FOR PRINT ON DEMAND BOOKS. 11. CREATING PAPER COVER USING CANVA.COM. 12. CREATING PAPER COVER USING ADOBE ILLUSTRATOR. 13. CREATING PAPERBACK COVER USING PAINT.NET APPLICATION. 14. CREATING PAPERBACK COVER USING ADOBE PHOTOSHOP APPLICATION. 15. CREATING PAPERBACK COVER USING ADOBE INDESIGN APPLICATION. 16. CREATING PAPERBACK INTERIOR DOCUMENT USING ADOBE INDESIGN APPLICATION. 17. CREATING PAPERBACK INTERIOR AND COVER USING ADOBE INDESIGN BLURB BOOK CREATOR. 18. REFERENCES.

REFERENCE MANUAL FOR TELECOMMUNICATIONS ENGINEERING, 2 VOLUME SET - ROGER L. FREEMAN 2002

CONTAINS A COMPENDIUM OF THE MOST FREQUENTLY USED DATA IN DAY-TO-DAY TELECOMMUNICATIONS ENGINEERING WORK: TABLES, GRAPHS, FIGURES, FORMULAE, NOMOGRAMS, PERFORMANCE CURVES, STANDARDS HIGHLIGHTS, CONSTANTS AND STATISTICS. DESIGNED FOR EASY AND RAPID ACCESS. COMPREHENSIVE REFERENCE FOR DESIGNING, BUILDING, PURCHASING, USING OR MAINTAINING ALL KINDS OF TELECOMMUNICATIONS SYSTEMS. CENTRAL SOURCE OF INFORMATION ON TRANSMISSION, SWITCHING, TRAFFIC ENGINEERING, NUMBERING, SIGNALING, NOISE, MODULATION AND FORWARD ERROR CORRECTION.

RADIO-FREQUENCY AND MICROWAVE RADIATION - R. TIMOTHY HITCHCOCK 2004

THIS THIRD EDITION OF RADIO-FREQUENCY AND MICROWAVE RADIATION GUIDE PROVIDES THE MOST CURRENT AND AUTHORITATIVE INFORMATION ON THE PHYSICAL CHARACTERISTICS OF RADIO-FREQUENCY RADIATION (RF) AND MICROWAVE RADIATION, ITS INTERACTIONS WITH MATTER, AND BIOLOGICAL AND ENVIRONMENTAL EFFECTS. CURRENT STANDARDS AND GUIDELINES ARE DISCUSSED, AS ARE INSTRUMENTS AND CONTROLS. A HANDY GLOSSARY PROVIDES DEFINITIONS OF IMPORTANT TERMS, AND AN APPENDIX PRESENTS A LIST OF PROBLEMS INDUSTRIAL HYGIENISTS AND OTHER HEALTH PROFESSIONALS MAY ENCOUNTER.

273 TECHNICAL QUESTIONS AND ANSWERS FOR JOB INTERVIEW OFFSHORE DRILLING RIGS - PETROGAV INTERNATIONAL OIL & GAS TRAINING CENTER 2020-06-28

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HOW TO BE PREPARED FOR JOB INTERVIEW OFFSHORE OIL & GAS PLATFORMS - PETROGAV INTERNATIONAL OIL & GAS TRAINING CENTER 2020-07-01

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