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*KARST AQUIFERS - CHARACTERIZATION AND ENGINEERING* ZORAN STEVANOVIĆ 2015-02-25 THIS PRACTICAL TRAINING GUIDEBOOK MAKES AN IMPORTANT CONTRIBUTION TO KARST HYDROGEOLOGY. IT PRESENTS SUPPORTING MATERIAL FOR ACADEMIC COURSES WORLDWIDE THAT INCLUDE THIS AND SIMILAR TOPICS. IT IS AN EXCELLENT SOURCEBOOK FOR STUDENTS AND OTHER ATTENDEES OF THE INTERNATIONAL KARST SCHOOL: CHARACTERIZATION AND ENGINEERING OF KARST AQUIFERS, WHICH OPENED IN TREBINJE, BOSNIA & HERZEGOVINA IN 2014 AND WHICH WILL BE ORGANIZED EVERY YEAR IN EARLY SUMMER. AS OPPOSED TO MORE THEORETICAL WORKS, THIS IS A CATALOG OF POSSIBLE ENGINEERING INTERVENTIONS IN KARST AND THEIR IMPLICATIONS. ALTHOUGH THE MAJORITY OF READERS WILL BE PROFESSIONALS WITH GEOLOGY/HYDROGEOLOGY BACKGROUNDS, THE LANGUAGE IS NOT PURELY TECHNICAL MAKING IT ACCESSIBLE TO A WIDER AUDIENCE. THIS MEANS THAT THE METHODOLOGY, CASE STUDIES AND EXPERIENCES PRESENTED WILL ALSO BENEFIT WATER MANAGERS WORKING IN KARST ENVIRONMENTS.

*BUSINESS STATISTICS* KEN BLACK 2005-01-11 INSTRUCTORS, LOOKING FOR A BETTER WAY TO MANAGE HOMEWORK? WANT TO SAVE TIME PREPARING FOR LECTURES? WOULD YOU LIKE TO HELP STUDENTS DEVELOP STRONGER PROBLEM-SOLVING SKILLS? IF SO, eGRADE PLUS HAS THE ANSWERS YOU NEED. eGRADE PLUS OFFERS AN INTEGRATED SUITE OF TEACHING AND LEARNING RESOURCES, INCLUDING AN ONLINE VERSION OF BLACK'S BUSINESS STATISTICS FOR CONTEMPORARY DECISION MAKING, FOURTH EDITION UPDATE, IN ONE EASY-TO-USE WEB SITE. ORGANIZED AROUND THE ESSENTIAL ACTIVITIES YOU PERFORM IN CLASS, eGRADE PLUS HELPS YOU: CREATE CLASS PRESENTATION USING A WEALTH OF WILEY-PROVIDED RESOURCES. YOU MAY EASILY ADAPT, CUSTOMIZE, AND ADD TO HIS CONTENT TO MEET THE NEEDS OF YOUR COURSE. AUTOMATE THE ASSIGNING AND GRADING OF HOMEWORK OR QUIZZES BY USING WILEY-PROVIDED QUESTION BANKS, OR BY WRITING YOUR OWN. STUDENT RESULTS WILL BE AUTOMATICALLY GRADED AND RECORDED IN YOUR GRADEBOOK. TRACK YOUR STUDENTS' PROGRESS. AN INSTRUCTOR'S GRADEBOOK ALLOWS YOU TO ANALYZE INDIVIDUAL AND OVERALL CLASS RESULTS TO DETERMINE EACH STUDENT'S PROGRESS AND LEVEL OF UNDERSTANDING. ADMINISTER YOUR COURSE. eGRADE PLUS CAN EASILY BE INTEGRATED WITH ANOTHER COURSE MANAGEMENT SYSTEM, GRADEBOOK, OR OTHER RESOURCES YOU ARE USING IN YOUR CLASS. PROVIDE STUDENTS WITH PROBLEM-SOLVING SUPPORT. eGRADE PLUS CAN LINK HOMEWORK PROBLEMS TO THE RELEVANT SECTION OF THE ONLINE TEXT, PROVIDING CONTEXT-SENSITIVE HELP. BEST OF ALL, INSTRUCTORS CAN ARRANGE TO HAVE eGRADE PLUS PACKAGED FREE WITH NEW COPIES OF BUSINESS STATISTICS FOR CONTEMPORARY DECISION MAKING, FOURTH EDITION UPDATE, ALL INSTRUCTORS HAVE TO DO IS ADOPT THE eGRADE PLUS VERSION OF THIS BOOK AND ACTIVATE THEIR eGRADE PLUS COURSE.

*CORRELATION RISK MODELING AND MANAGEMENT* GUNTER MEISSNER 2013-12-19 A THOROUGH GUIDE TO CORRELATION RISK AND ITS GROWING IMPORTANCE IN GLOBAL FINANCIAL MARKETS IDEAL FOR ANYONE STUDYING FOR CFA, FRMIA, CAIA, OR OTHER CERTIFICATIONS, CORRELATION RISK MODELING AND MANAGEMENT IS THE FIRST RIGOROUS GUIDE TO THE TOPIC OF CORRELATION RISK. A RELATIVELY OVERLOOKED TYPE OF RISK UNTIL IT CAUSED MAJOR UNEXPECTED LOSSES DURING THE FINANCIAL CRISIS OF 2007 THROUGH 2009, CORRELATION RISK HAS BECOME A MAJOR FOCUS OF THE RISK MANAGEMENT DEPARTMENTS IN MAJOR FINANCIAL INSTITUTIONS, PARTICULARLY SINCE BASEL III SPECIFICALLY ADDRESSED CORRELATION RISK WITH NEW REGULATIONS. THIS OFFERS A RIGOROUS EXPLANATION OF THE TOPIC, REVEALING NEW AND UPDATED APPROACHES TO MODELLING AND RISK MANAGING CORRELATION RISK. OFFERS COMPREHENSIVE COVERAGE OF A TOPIC OF INCREASING IMPORTANCE IN THE FINANCIAL WORLD INCLUDES THE BASEL III CORRELATION FRAMEWORK FEATURES INTERACTIVE MODELS IN EXCEL/VBA, AN ACCOMPANYING WEBSITE WITH FURTHER MATERIALS, AND PROBLEMS AND QUESTIONS AT THE END OF EACH CHAPTER

*SOLAR ENGINEERING OF THERMAL PROCESSES, PHOTOVOLTAICS AND WIND*, 5TH EDITION JOHN A. DUFFIE 2020-03-24 THE BIBLE OF SOLAR ENGINEERING THAT TRANSLATES SOLAR ENERGY THEORY TO PRACTICE, REVISED AND UPDATED THE UPDATED FIFTH EDITION OF SOLAR ENGINEERING OF THERMAL PROCESSES, PHOTOVOLTAICS AND WIND CONTAINS THE FUNDAMENTALS OF SOLAR ENERGY AND EXPLAINS HOW WE GET ENERGY FROM THE SUN. THE AUTHORS—NOTED EXPERTS ON THE TOPIC—PROVIDE AN INTRODUCTION TO THE TECHNOLOGIES THAT HARVEST, STORE, AND DELIVER SOLAR ENERGY, SUCH AS PHOTOVOLTAICS, SOLAR HEATERS, AND CELLS. THE BOOK ALSO EXPLORES THE APPLICATIONS OF SOLAR TECHNOLOGIES AND SHOWS HOW THEY ARE APPLIED IN VARIOUS SECTORS OF THE MARKETPLACE. THE REVISED FIFTH EDITION OFFERS GUIDANCE FOR USING TWO KEY ENGINEERING SOFTWARE APPLICATIONS, ENGINEERING EQUATION SOLVER (EES) AND SYSTEM ADVISOR MODEL (SAM). THESE APPLICATIONS AID IN SOLVING COMPLEX EQUATIONS QUICKLY AND HELP WITH PERFORMING LONG-TERM OR ANNUAL SIMULATIONS. THE NEW EDITION INCLUDES ALL-NEW EXAMPLES, PERFORMANCE DATA, AND PHOTOS OF CURRENT SOLAR ENERGY APPLICATIONS. IN ADDITION, THE CHAPTER ON CONCENTRATING SOLAR POWER IS UPDATED AND EXPANDED. THE PRACTICE PROBLEMS IN THE APPENDIX ARE ALSO UPDATED, AND INSTRUCTORS HAVE ACCESS TO AN UPDATED PRINT SOLUTIONS MANUAL. THIS IMPORTANT BOOK: • COVERS ALL ASPECTS OF SOLAR ENGINEERING FROM BASIC THEORY TO THE DESIGN OF SOLAR TECHNOLOGY • OFFERS IN-DEPTH GUIDANCE AND DEMONSTRATIONS OF ENGINEERING EQUATION SOLVER (EES) AND SYSTEM ADVISOR MODEL (SAM) SOFTWARE • CONTAINS ALL-NEW EXAMPLES, PERFORMANCE DATA, AND PHOTOS OF SOLAR ENERGY SYSTEMS TODAY • INCLUDES UPDATED SIMULATION PROBLEMS AND A SOLUTIONS MANUAL FOR INSTRUCTORS WRITTEN FOR STUDENTS AND PRACTICING PROFESSIONALS IN POWER AND ENERGY INDUSTRIES AS WELL AS THOSE IN RESEARCH AND GOVERNMENT LABS, SOLAR ENGINEERING OF THERMAL PROCESSES, FIFTH EDITION CONTINUES TO BE THE LEADING SOLAR ENGINEERING TEXT AND REFERENCE.

*HANNI AND BETH* BETH FINKE 2007 HANNI, A SEEING EYE DOG, DESCRIBES HOW SHE HELPS HER OWNER, BETH, TO MANUEVR THROUGH THE DAY.

*SILVICS OF NORTH AMERICA* RUSSELL M. BURNS 1990

*INTRODUCTION TO ELEMENTARY PARTICLES* DAVID GRIFITHS 2008-09-26 THIS IS THE FIRST QUANTITATIVE TREATMENT OF ELEMENTARY PARTICLE THEORY THAT IS ACCESSIBLE TO UNDERGRADUATES. USING A LIVELY, INFORMAL WRITING STYLE, THE AUTHOR STRIKES A BALANCE BETWEEN QUANTITATIVE RIGOR AND INTUITIVE UNDERSTANDING. THE FIRST CHAPTER PROVIDES A DETAILED HISTORICAL INTRODUCTION TO THE SUBJECT. SUBSEQUENT CHAPTERS OFFER A CONSISTENT AND MODERN PRESENTATION, COVERING THE QUARK MODEL, FEYNMAN DIAGRAMS, QUANTUM ELECTRODYNAMICS, AND GAUGE THEORIES. A CLEAR INTRODUCTION TO THE FEYNMAN RULES, USING A SIMPLE MODEL, HELPS READERS LEARN THE CALCULATIONAL TECHNIQUES WITHOUT THE COMPLICATIONS OF SPIN. AND AN ACCESSIBLE TREATMENT OF QED SHOWS HOW TO EVALUATE TREE-LEVEL DIAGRAMS. CONTAINS AN ABUNDANCE OF WORKED EXAMPLES AND MANY END-OF-CHAPTER PROBLEMS.

*MODERN PORTFOLIO THEORY AND INVESTMENT ANALYSIS* EDWIN J. ELTON 2014-01-21 AN EXCELLENT RESOURCE FOR INVESTORS, MODERN PORTFOLIO THEORY AND INVESTMENT ANALYSIS, 9TH EDITION EXAMINES THE CHARACTERISTICS AND ANALYSIS OF INDIVIDUAL SECURITIES AS WELL AS THE THEORY AND PRACTICE OF OPTIMALLY COMBINING SECURITIES INTO PORTFOLIOS. A CHAPTER ON BEHAVIORAL FINANCE IS INCLUDED, AIMED TO EXPLORE THE NATURE OF INDIVIDUAL DECISION MAKING. A CHAPTER ON FORECASTING EXPECTED RETURNS, A KEY INPUT TO PORTFOLIO MANAGEMENT, IS ALSO INCLUDED. IN ADDITION, INVESTORS WILL FIND MATERIAL ON VALUE AT RISK AND THE USE OF SIMULATION TO ENHANCE THEIR UNDERSTANDING OF THE FIELD.

*TRANSITIONS THEORY* AF AF I. MELEIS, PhD, DRPS (HON), FAAN 2010-02-17 "IT IS VERY EXCITING TO SEE ALL OF THESE STUDIES COMPILED IN ONE BOOK. IT CAN BE READ SEQUENTIALLY OR JUST FOR CERTAIN TRANSITIONS. IT ALSO CAN BE USED AS A TEMPLATE FOR COMPILATION OF OTHER CONCEPTS CENTRAL TO NURSING AND CAN SERVE AS A RESOURCE FOR FURTHER STUDIES IN TRANSITIONS. IT IS AN EXCELLENT ADDITION TO THE NURSING LITERATURE." SCORE: 95, 4 STARS. --DOODY'S "UNDERSTANDING AND RECOGNIZING TRANSITIONS ARE AT THE HEART OF HEALTH CARE REFORM AND THIS CURRENT EDITION, WITH ITS NUMEROUS CLINICAL EXAMPLES AND DESCRIPTIONS OF NURSING INTERVENTIONS, PROVIDES IMPORTANT LESSONS THAT CAN AND SHOULD BE INCORPORATED INTO HEALTH POLICY. IT IS A BRILLIANT BOOK AND AN IMPORTANT CONTRIBUTION TO NURSING THEORY." KATHLEEN DRACUP, RN, DNSc DEAN AND PROFESSOR, SCHOOL OF NURSING UNIVERSITY OF CALIFORNIA SAN FRANCISCO AF AF MELEIS, THE DEAN OF THE UNIVERSITY OF PENNSYLVANIA SCHOOL OF NURSING, PRESENTS FOR THE FIRST TIME IN A SINGLE VOLUME HER ORIGINAL "TRANSITIONS THEORY" THAT INTEGRATES MIDDLE-RANGE THEORY TO ASSIST NURSES IN FACILITATING POSITIVE TRANSITIONS FOR PATIENTS, FAMILIES, AND COMMUNITIES. NURSES ARE CONSISTENTLY RELIED ON TO COACH AND SUPPORT PATIENTS GOING THROUGH MAJOR LIFE TRANSITIONS, SUCH AS ILLNESS, RECOVERY, PREGNANCY, OLD AGE, AND MANY MORE. A COLLECTION OF OVER 50 ARTICLES PUBLISHED FROM 1975 THROUGH 2007 AND FIVE NEWLY COMMISSIONED ARTICLES, TRANSITIONS THEORY COVERS DEVELOPMENTAL, SITUATIONAL, HEALTH AND ILLNESS, ORGANIZATIONAL, AND THERAPEUTIC TRANSITIONS. EACH SECTION INCLUDES AN INTRODUCTION WRITTEN BY DR. MELEIS IN WHICH SHE OFFERS HER HISTORICAL AND PRACTICAL PERSPECTIVE ON TRANSITIONS. MANY OF THE ARTICLES CONSIDER THE TRANSITIONAL EXPERIENCES OF ETHNICALLY DIVERSE PATIENTS, WOMEN, THE ELDERLY, AND OTHER MINORITY POPULATIONS. KEY TOPICS DISCUSSED: SITUATIONAL TRANSITIONS, INCLUDING DISCHARGE AND RELOCATION TRANSITIONS (HOSPITAL TO HOME, STROKE RECOVERY) AND IMMIGRATION TRANSITIONS (PSYCHOLOGICAL ADAPTATION AND IMPACT OF MIGRATION ON FAMILY HEALTH) EDUCATIONAL TRANSITIONS, INCLUDING PROFESSIONAL TRANSITIONS (FROM RN TO BSN AND STUDENT TO PROFESSIONAL) HEALTH AND ILLNESS TRANSITIONS, INCLUDING SELF-CARE POST HEART FAILURE, LIVING WITH CHRONIC ILLNESS, LIVING WITH EARLY DEMENTIA, AND ACCEPTING PALLIATIVE CARE ORGANIZATION TRANSITIONS, INCLUDING ROLE TRANSITIONS FROM ACUTE CARE TO COLLABORATIVE PRACTICE, AND HOSPITAL TO COMMUNITY PRACTICE NURSING THERAPEUTICS MODELS OF TRANSITION, INCLUDING ROLE SUPPLEMENTATION MODELS AND DEBRIEFING MODELS

*SUPPLYING WASHINGTON'S ARMY* ERNA RISCH 1981

*ECONOMETRIC MODELLING WITH TIME SERIES* VANCE MARTIN 2012-12-28 "MAXIMUM LIKELIHOOD ESTIMATION IS A GENERAL METHOD FOR ESTIMATING THE PARAMETERS OF ECONOMETRIC MODELS FROM OBSERVED DATA. THE PRINCIPLE OF MAXIMUM LIKELIHOOD PLAYS A CENTRAL ROLE IN THE EXPOSITION OF THIS BOOK, SINCE A NUMBER OF ESTIMATORS USED IN ECONOMETRICS CAN BE DERIVED WITHIN THIS FRAMEWORK. EXAMPLES INCLUDE ORDINARY LEAST SQUARES, GENERALIZED LEAST SQUARES AND FULL-INFORMATION MAXIMUM LIKELIHOOD. IN DERIVING THE MAXIMUM LIKELIHOOD ESTIMATOR, A KEY CONCEPT IS THE JOINT PROBABILITY DENSITY FUNCTION (PDF) OF THE OBSERVED RANDOM VARIABLES, YT. MAXIMUM LIKELIHOOD ESTIMATION REQUIRES THAT THE FOLLOWING CONDITIONS ARE SATISFIED. (1) THE FORM OF THE JOINT PDF OF YT IS KNOWN. (2) THE SPECIFICATION OF THE MOMENTS OF THE JOINT PDF ARE KNOWN. (3) THE JOINT PDF CAN BE EVALUATED FOR ALL VALUES OF THE PARAMETERS, 9. PARTS ONE AND TWO OF THIS BOOK DEAL WITH MODELS IN WHICH ALL THESE CONDITIONS ARE SATISFIED. PART THREE INVESTIGATES MODELS IN WHICH THESE CONDITIONS ARE NOT SATISFIED AND CONSIDERS FOUR IMPORTANT CASES. FIRST, IF THE DISTRIBUTION OF YT IS MISSPECIFIED, RESULTING IN BOTH CONDITIONS 1 AND 2 BEING VIOLATED, ESTIMATION IS BY QUASI-MAXIMUM LIKELIHOOD (CHAPTER 9). SECOND, IF CONDITION 1 IS NOT SATISFIED, A GENERALIZED METHOD OF MOMENTS ESTIMATOR (CHAPTER 10) IS REQUIRED. THIRD, IF CONDITION 2 IS NOT SATISFIED, ESTIMATION RELIES ON NONPARAMETRIC METHODS (CHAPTER 11). FOURTH, IF CONDITION 3 IS VIOLATED, SIMULATION-BASED ESTIMATION METHODS ARE USED (CHAPTER 12). 1.2 MOTIVATING EXAMPLES TO HIGHLIGHT THE ROLE OF PROBABILITY DISTRIBUTIONS IN MAXIMUM LIKELIHOOD ESTIMATION, THIS SECTION EMPHASIZES THE LINK BETWEEN OBSERVED SAMPLE DATA AND 4 THE MAXIMUM LIKELIHOOD PRINCIPLE THE PROBABILITY DISTRIBUTION FROM WHICH THEY ARE DRAWN" -- PUBLISHER.

*FUNDAMENTALS OF INHOMOGENEOUS FLUIDS* DOUGLAS HENDERSON 2021-12-17 A MONOGRAPH EXAMINING RECENT PROGRESS IN THE FIELD OF INHOMOGENEOUS FLUIDS, FOCUSING ON THE THEORETICAL - AS WELL AS EXPERIMENTAL - TECHNIQUES USED. IT PRESENTS THE COMPREHENSIVE THEORY OF FIRST-ORDER PHASE TRANSITIONS, INCLUDING MELTING, AND CONTAINS NUMEROUS FIGURES, TABLES AND DISPLAY EQUATIONS.; THE CONTRIBUTORS TREAT SUCH SUBJECTS AS: EXACT SUM RULES FOR INHOMOGENEOUS FLUIDS, EXPLAINING DENSITY FUNCTIONAL AND INTEGRAL EQUATION METHODS; EXACT SOLUTIONS FOR TWO-DIMENSIONAL HOMOGENEOUS AND INHOMOGENEOUS PLASMAS; CURRENT ADVANCES IN THE THEORY OF INTERFACIAL ELECTROCHEMISTRY; WETTING EXPERIMENTS AND THE

THEORY OF WETTING; FREEZING, WITH AN EMPHASIS ON QUANTUM SYSTEMS AND HOMOGENEOUS NUCLEATION IN LIQUID-VAPOUR AND SOLID-LIQUID TRANSITIONS; SELF-ORGANIZING LIQUIDS AS WELL AS KINETIC PHENOMENA IN INHOMOGENEOUS FLUIDS, USING A MODIFIED ENSKOG THEORY.; FEATURING OVER 1000 BIBLIOGRAPHIC CITATIONS, THIS VOLUME IS AIMED AT PHYSICAL, SURFACE, COLLOID AND SURFACTANT CHEMISTS; ALSO PHYSICISTS, ELECTROCHEMISTS AND GRADUATE-LEVEL STUDENTS IN THESE DISCIPLINES.

*AIRCRAFT YEAR BOOK* FAY LEONE FAUROTE 1919

*THE DIGITAL TRANSFORMATION OF LOGISTICS* MAC SULLIVAN 2021-04-06 THE DIGITAL TRANSFORMATION IS IN FULL SWING AND FUNDAMENTALLY CHANGES HOW WE LIVE, WORK, AND COMMUNICATE WITH EACH OTHER. FROM RETAIL TO FINANCE, MANY INDUSTRIES SEE AN INFLOW OF NEW TECHNOLOGIES, DISRUPTION THROUGH INNOVATIVE PLATFORM BUSINESS MODELS, AND EMPLOYEES STRUGGLING TO COPE WITH THE SIGNIFICANT SHIFTS OCCURRING. THIS FOURTH INDUSTRIAL REVOLUTION IS PREDICTED TO ALSO TRANSFORM LOGISTICS AND SUPPLY CHAIN MANAGEMENT, WITH DELIVERY SYSTEMS BECOMING AUTOMATED, SMART NETWORKS CREATED EVERYWHERE, AND DATA BEING COLLECTED AND ANALYZED UNIVERSALLY. THE DIGITAL TRANSFORMATION OF LOGISTICS: DEMYSTIFYING IMPACTS OF THE FOURTH INDUSTRIAL REVOLUTION PROVIDES A HOLISTIC OVERVIEW OF THIS VITAL SUBJECT CLOUDED BY BUZZ, HYPE, AND MISINFORMATION. THE BOOK IS DIVIDED INTO THREE THEMED-SECTIONS: TECHNOLOGIES SUCH AS SELF-DRIVING CARS OR VIRTUAL REALITY ARE NOT ONLY ELECTRIFYING SCIENCE FICTION LOVERS ANYMORE, BUT ARE ALSO INCREASINGLY PRESENTED AS CURE-ALL REMEDIES TO SUPPLY CHAIN CHALLENGES. IN THE DIGITAL TRANSFORMATION OF LOGISTICS: DEMYSTIFYING IMPACTS OF THE FOURTH INDUSTRIAL REVOLUTION, THE AUTHORS PEEL BACK THE LAYERS OF EXCITEMENT THAT HAVE GROWN AROUND NEW TECHNOLOGIES SUCH AS THE INTERNET OF THINGS (IoT), 3D PRINTING, ROBOTIC PROCESS AUTOMATION (RPA), BLOCKCHAIN OR CLOUD COMPUTING, AND SHOW USE CASES THAT GIVE A GLIMPSE ABOUT THE FASCINATING FUTURE WE CAN EXPECT. PLATFORMS THAT ALLOW BUSINESSES TO CENTRALLY ACQUIRE AND MANAGE THEIR LOGISTICS SERVICES DISRUPT AN INDUSTRY THAT HAS BEEN RELATIONSHIP-BASED FOR CENTURIES. THE AUTHORS DISCUSS SMART CONTRACTS, WHICH ARE ONE OF THE MOST EXCITING APPLICATIONS OF BLOCKCHAIN, SOFTWARE AS A SERVICE (SAAS) OFFERINGS FOR FREIGHT PROCUREMENT, WHERE NUMEROUS DATA SOURCES CAN BE INTEGRATED AND DECISION-MAKING PROCESSES AUTOMATED, AND MARINE TERMINAL OPERATING SYSTEMS AS AN INTEGRAL NODE FOR SHIPMENTS. IN THE DIGITAL TRANSFORMATION OF LOGISTICS: DEMYSTIFYING IMPACTS OF THE FOURTH INDUSTRIAL REVOLUTION, INSIGHTS ARE SHARED INTO THE COLD CHAIN INDUSTRY WHERE COMPANIES RESPOND TO INCREASING QUALITY DEMANDS, AND HOW EUROPEAN GOVERNMENTS ARE INNOVATIVELY RESPONDING TO CHALLENGES OF CROSS-BORDER ECOMMERCE. PEOPLE ARE A VITAL ELEMENT OF THE DIGITAL TRANSFORMATION AND MUST BE ON BOARD TO DRIVE CHANGE. THE DIGITAL TRANSFORMATION OF LOGISTICS: DEMYSTIFYING IMPACTS OF THE FOURTH INDUSTRIAL REVOLUTION EXPLAINS HOW EXECUTIVES CAN CREATE SUSTAINABLE IMPACT AND HOW COMPETENCIES CAN BE MANAGED IN THE DIGITAL AGE - ESPECIALLY FOR SALES EXECUTIVES WHO REQUIRE URGENT UPSKILLING TO REMAIN RELEVANT. BEST PRACTICES ARE SHARED FOR ORGANIZATIONAL CULTURE CHANGE, DRAWING ON STUDIES AMONG SENIOR LEADERS FROM THE US, SINGAPORE, THAILAND, AND AUSTRALIA, AND FOR MANAGING STRATEGIC ALLIANCES WITH LOGISTICS SERVICE PROVIDERS TO OFFSET RISKS AND CREATE CROSS-FUNCTIONAL, CROSS-COMPANY TRANSPARENCY. THE DIGITAL TRANSFORMATION OF LOGISTICS: DEMYSTIFYING IMPACTS OF THE FOURTH INDUSTRIAL REVOLUTION PROVIDES REALISTIC INSIGHTS, A READY-TO-USE KNOWLEDGE BASE, AND A WORKING VOCABULARY ABOUT CURRENT ACTIVITIES AND EMERGING TRENDS OF THE LOGISTICS INDUSTRY. INTENDED READERS ARE SUPPLY CHAIN PROFESSIONALS WORKING FOR MANUFACTURING, TRADING, AND FREIGHT FORWARDING COMPANIES AS WELL AS STUDENTS AND ALL INTERESTED PARTIES.

**ADVICE AND SUPPORT** RONALD H. SPECTOR 2015-10-14 "ADVICE AND SUPPORT: THE EARLY YEARS, 1941-1960" DESCRIBES THE ACTIVITIES OF THE U.S. ARMY IN VIETNAM DURING WORLD WAR II, MILITARY ADVICE AND ASSISTANCE TO THE FRENCH GOVERNMENT DURING THE IMMEDIATE POSTWAR YEARS, AND THE ADVISORY PROGRAM THAT DEVELOPED AFTER THE GENEVA AGREEMENTS OF 1954. ITS SCOPE RANGES FROM HIGH-LEVEL POLICY DECISIONS TO LOW-ECHELON ADVISORY OPERATIONS IN THE FIELD, PRESENTED AGAINST A BACKGROUND OF RELEVANT MILITARY AND POLITICAL DEVELOPMENTS. USEFUL NOT ONLY AS A STUDY OF MILITARY ASSISTANCE BUT AS A VIEW OF THE ARMY AS AN AGENT OF NATIONAL POLICY, RONALD SPECTOR'S INTERESTING BOOK IS A FITTING INTRODUCTION TO THE OVERALL STUDY OF THE CONFLICT IN VIETNAM.

**THE HISTORY OF THE CLEVELAND NAZIS 1933-1945** MICHAEL CIKRAJI 2014-08-15 DURING CLEVELAND'S GREAT DEPRESSION, IN AN AGE OF TURMOIL AND TIME OF UPHEAVAL, GREW THE FIRST SEEDS OF AMERICAN NAZISM. COMPLETE WITH SWASTIKA FLAGS, HITLER YOUTH, ARMED FASCISTS AND ALLEGED INTRICATE JEWISH/COMMUNIST CONSPIRACIES, CLEVELAND WAS CAUGHT IN THE TEMPEST OF THE FRIGHTENING RISE OF NATIONAL SOCIALISM. THE CITY FOSTERED AN EXPLICITLY NAZI GERMAN-AMERICAN BUND, A COVERT SILVERSHIRT LEGION DETACHMENT AND PROMINENT DIPLOMATIC AGENTS FROM THE THIRD REICH, FURIOUSLY STRUGGLING TO ADVANCE THE CAUSE OF AMERICAN FASCISM. THESE ELEMENTS CAME CRASHING HEADLONG INTO THE STIFF RESISTANCE OF THE PRESS, JEWISH GROUPS, AND MOST PROMINENTLY THE CITY'S GERMAN-AMERICAN COMMUNITY. FOSTERED WITH PHOTOS, AND METICULOUSLY DOCUMENTED, THIS BOOK EXAMINES THE FUNDAMENTAL, TIMELESS QUESTIONS OF AMERICAN ALLEGIANCE, THE RESPONSIBILITIES OF DEMOCRATIC GOVERNANCE, THE SECURITY THREATS OF "UN-AMERICAN" ACTIVITIES, AND THE PASSIONS, MOTIVATIONS AND DREAMS OF AMERICAN IMMIGRANTS. IN THE MOST UNLIKELY OF PLACES, HERE IS A CASE-STUDY TRUE STORY OF THE FASCINATING, BEWILDERING AND TERRIFYING RISE OF AMERICAN NAZISM.

**TOLERABLE UPPER INTAKE LEVELS FOR VITAMINS AND MINERALS** EUROPEAN COMMISSION. SCIENTIFIC COMMITTEE ON FOOD 2006

**HORSE TRADING IN THE AGE OF CARS** STEVEN M. GELBER 2008-10 THE TRADING, SELLING, AND BUYING OF PERSONAL TRANSPORT HAS CHANGED LITTLE OVER THE PAST ONE HUNDRED YEARS. WHETHER HORSE TRADING IN THE EARLY TWENTIETH CENTURY OR CAR BUYING TODAY, HAGGLING OVER PRICES HAS BEEN THE COMMON PRACTICE OF BUYERS AND SELLERS ALIKE. HORSE TRADING IN THE AGE OF CARS OFFERS A FASCINATING STUDY OF THE PROCESS OF BUYING AN AUTOMOBILE IN A HISTORICAL AND GENDERED CONTEXT. STEVEN M. GELBER CONVINCINGLY DEMONSTRATES THAT THE COMBATIVE AND FREQUENTLY DISHONEST CULTURE OF THE SHOWROOM FLOOR IS A HISTORICAL ARTIFACT WHOSE ORIGINS LIE IN THE HISTORY OF HORSE TRADING. BARTERING AND BARGAINING WERE THE NORM IN THIS PREDOMINANTLY MALE TRANSACTION, WITH BOTH BUYERS AND SELLERS STAKING THEIR REPUTATIONS AND PRIDE ON THEIR ABILITY TO NEGOTIATE THE BETTER DEAL. GELBER COMMENTS ON THIS POINT-OF-SALE BEHAVIOR AND WHAT IT REVEALS ABOUT AMERICAN MEN. GELBER'S HIGHLY READABLE AND LIVELY PROSE MAKES CLEAR HOW THIS UNIQUE ECONOMIC RITUAL SURVIVED INTO THE INDUSTRIAL TWENTIETH CENTURY, IN THE PROCESS ADDING A COLORFUL AND INTERESTING CHAPTER TO THE HISTORY OF THE AUTOMOBILE.

**SPECIALTY CORNS, SECOND EDITION** ARNEL R. HALLAUER 2000-08-23 COMPLETELY REVISED AND UPDATED, THE SECOND EDITION OF SPECIALTY CORNS INCLUDES EVERYTHING IN THE FIRST EDITION AND MORE. CONSIDERED THE STANDARD IN THIS FIELD, SIGNIFICANT CHANGES HAVE BEEN MADE TO KEEP ALL THE INFORMATION CURRENT AND BRING THE REFERENCES UP-TO-DATE. TWO NEW CHAPTERS HAVE BEEN ADDED TO KEEP UP WITH THE LATEST TRENDS: BLUE CORN AND BABY CORN. ACCESS THE LATEST METHODS IN DEVELOPING SPECIALTY CORNS WITH THIS STANDARD-SETTING REFERENCE. EDITED BY AN EXPERT IN THE FIELD WHO HAS SPENT HIS PROFESSIONAL LIFE WORKING WITH CORN, SPECIALTY CORNS, SECOND EDITION DISCUSSES THE GENETIC VARIATION INHERENT IN CORN, GENETIC MATERIALS AVAILABLE, BREEDING METHODS, AND SPECIAL PROBLEMS ASSOCIATED WITH THE DEVELOPMENT OF SPECIALTY CORNS. HALLAUER HAS ASSEMBLED A TEAM OF INTERNATIONAL EXPERTS WHO HAVE CONTRIBUTED TO THIS WORK.

**GUIDE FOR THE CARE AND USE OF LABORATORY ANIMALS** NATIONAL RESEARCH COUNCIL 2011-01-27 A RESPECTED RESOURCE FOR DECADES, THE GUIDE FOR THE CARE AND USE OF LABORATORY ANIMALS HAS BEEN UPDATED BY A COMMITTEE OF EXPERTS, TAKING INTO CONSIDERATION INPUT FROM THE SCIENTIFIC AND LABORATORY ANIMAL COMMUNITIES AND THE PUBLIC AT LARGE. THE GUIDE INCORPORATES NEW SCIENTIFIC INFORMATION ON COMMON LABORATORY ANIMALS, INCLUDING AQUATIC SPECIES, AND INCLUDES EXTENSIVE REFERENCES. IT IS ORGANIZED AROUND MAJOR COMPONENTS OF ANIMAL USE: KEY CONCEPTS OF ANIMAL CARE AND USE. THE GUIDE SETS THE FRAMEWORK FOR THE HUMANE CARE AND USE OF LABORATORY ANIMALS. ANIMAL CARE AND USE PROGRAM. THE GUIDE DISCUSSES THE CONCEPT OF A BROAD PROGRAM OF ANIMAL CARE AND USE, INCLUDING ROLES AND RESPONSIBILITIES OF THE INSTITUTIONAL OFFICIAL, ATTENDING VETERINARIAN AND THE INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE. ANIMAL ENVIRONMENT, HUSBANDRY, AND MANAGEMENT. A CHAPTER ON THIS TOPIC IS NOW DIVIDED INTO SECTIONS ON TERRESTRIAL AND AQUATIC ANIMALS AND PROVIDES RECOMMENDATIONS FOR HOUSING AND ENVIRONMENT, HUSBANDRY, BEHAVIORAL AND POPULATION MANAGEMENT, AND MORE. VETERINARY CARE. THE GUIDE DISCUSSES VETERINARY CARE AND THE RESPONSIBILITIES OF THE ATTENDING VETERINARIAN. IT INCLUDES RECOMMENDATIONS ON ANIMAL PROCUREMENT AND TRANSPORTATION, PREVENTIVE MEDICINE (INCLUDING ANIMAL BIOSECURITY), AND CLINICAL CARE AND MANAGEMENT. THE GUIDE ADDRESSES DISTRESS AND PAIN RECOGNITION AND RELIEF, AND ISSUES SURROUNDING EUTHANASIA. PHYSICAL PLANT. THE GUIDE IDENTIFIES DESIGN ISSUES, PROVIDING CONSTRUCTION GUIDELINES FOR FUNCTIONAL AREAS; CONSIDERATIONS SUCH AS DRAINAGE, VIBRATION AND NOISE CONTROL, AND ENVIRONMENTAL MONITORING; AND SPECIALIZED FACILITIES FOR ANIMAL HOUSING AND RESEARCH NEEDS. THE GUIDE FOR THE CARE AND USE OF LABORATORY ANIMALS PROVIDES A FRAMEWORK FOR THE JUDGMENTS REQUIRED IN THE MANAGEMENT OF ANIMAL FACILITIES. THIS UPDATED AND EXPANDED RESOURCE OF PROVEN VALUE WILL BE IMPORTANT TO SCIENTISTS AND RESEARCHERS, VETERINARIANS, ANIMAL CARE PERSONNEL, FACILITIES MANAGERS, INSTITUTIONAL ADMINISTRATORS, POLICY MAKERS INVOLVED IN RESEARCH ISSUES, AND ANIMAL WELFARE ADVOCATES.

*THE ARCHITECT* 1869

*APPLIED HYDROLOGY* RAY K. LINSLEY 1975

**FRONTIERS IN STAPHYLOCOCCUS AUREUS** SHYMAA ENANY 2017-03-08 STAPHYLOCOCCUS WAS FIRST RECOGNIZED AS A HUMAN PATHOGEN IN 1880 AND WAS NAMED FOR ITS GRAPE CLUSTER-LIKE APPEARANCE. IN 1884, STAPHYLOCOCCUS AUREUS WAS IDENTIFIED AND NAMED FOR ITS VIBRANT GOLDEN COLOR, WHICH WAS LATER FOUND TO BE THE RESULT OF GOLDEN TOXIN PRODUCTION. HERE, EXPERTS EXAMINE IN-DEPTH PATTERNS OF S. AUREUS COLONIZATION AND EXPOSURES IN HUMANS, MAMMALS, AND BIRDS THAT HAVE LED TO THE DEVELOPMENT OF VARIOUS CLINICAL DISEASES. THE MODE OF TRANSMISSION OF S. AUREUS AND DIFFERENT METHODS FOR ITS DETECTION IN DIFFERENT SAMPLES ARE DEFINED. CONVENTIONAL ANTIBIOTIC OPTIONS TO TREAT THIS AGGRESSIVE, MULTIFACETED, AND READILY ADAPTABLE PATHOGEN ARE BECOMING LIMITED. ALTERNATIVE, NOVEL CHEMOTHERAPEUTICS TO TARGET S. AUREUS ARE DISCUSSED IN THE PAGES WITHIN, INCLUDING HERBAL MEDICINES, BEE PRODUCTS, AND MODES OF DELIVERY.

**MODELING FINANCIAL TIME SERIES WITH S-PLUS** ERIC ZIVOT 2013-11-11 THE FIELD OF FINANCIAL ECONOMETRICS HAS EXPLODED OVER THE LAST DECADE. THIS BOOK REPRESENTS AN INTEGRATION OF THEORY, METHODS, AND EXAMPLES USING THE S-PLUS STATISTICAL MODELING LANGUAGE AND THE S+FINMETRICS MODULE TO FACILITATE THE PRACTICE OF FINANCIAL ECONOMETRICS. THIS IS THE FIRST BOOK TO SHOW THE POWER OF S-PLUS FOR THE ANALYSIS OF TIME SERIES DATA. IT IS WRITTEN FOR RESEARCHERS AND PRACTITIONERS IN THE FINANCE INDUSTRY, ACADEMIC RESEARCHERS IN ECONOMICS AND FINANCE, AND ADVANCED MBA AND GRADUATE STUDENTS IN ECONOMICS AND FINANCE. READERS ARE ASSUMED TO HAVE A BASIC KNOWLEDGE OF S-PLUS AND A SOLID GROUNDING IN BASIC STATISTICS AND TIME SERIES CONCEPTS. THIS SECOND EDITION IS UPDATED TO COVER S+FINMETRICS 2.0 AND INCLUDES NEW CHAPTERS ON COPULAS, NONLINEAR REGIME SWITCHING MODELS, CONTINUOUS-TIME FINANCIAL MODELS, GENERALIZED METHOD OF MOMENTS, SEMI-NONPARAMETRIC CONDITIONAL DENSITY MODELS, AND THE EFFICIENT METHOD OF MOMENTS. ERIC ZIVOT IS AN ASSOCIATE PROFESSOR AND GARY WATERMAN DISTINGUISHED SCHOLAR IN THE ECONOMICS DEPARTMENT, AND ADJUNCT ASSOCIATE PROFESSOR OF FINANCE IN THE BUSINESS SCHOOL AT THE UNIVERSITY OF WASHINGTON. HE REGULARLY TEACHES COURSES ON ECONOMETRIC THEORY, FINANCIAL ECONOMETRICS AND TIME SERIES ECONOMETRICS, AND IS THE RECIPIENT OF THE HENRY T. BUECHEL AWARD FOR OUTSTANDING TEACHING. HE IS AN ASSOCIATE EDITOR OF STUDIES IN NONLINEAR DYNAMICS AND ECONOMETRICS. HE HAS PUBLISHED PAPERS IN THE

LEADING ECONOMETRICS JOURNALS, INCLUDING ECONOMETRICA, ECONOMETRIC THEORY, THE JOURNAL OF BUSINESS AND ECONOMIC STATISTICS, JOURNAL OF ECONOMETRICS, AND THE REVIEW OF ECONOMICS AND STATISTICS. JIAHUI WANG IS AN EMPLOYEE OF RONIN CAPITAL LLC. HE RECEIVED A PH.D. IN ECONOMICS FROM THE UNIVERSITY OF WASHINGTON IN 1997. HE HAS PUBLISHED IN LEADING ECONOMETRICS JOURNALS SUCH AS ECONOMETRICA AND JOURNAL OF BUSINESS AND ECONOMIC STATISTICS, AND IS THE PRINCIPAL INVESTIGATOR OF NATIONAL SCIENCE FOUNDATION SBIR GRANTS. IN 2002 DR. WANG WAS SELECTED AS ONE OF THE "2000 OUTSTANDING SCHOLARS OF THE 21ST CENTURY" BY INTERNATIONAL BIOGRAPHICAL CENTRE.

*WOMEN'S ISSUES IN TRANSPORTATION* SUSAN HERBEL 2010-01-01 "SEPTEMBER 27-30, 2009. IRVINE, CALIFORNIA"--TITLE PAGE. *ROADS WERE NOT BUILT FOR CARS* CARLTON REID 2015-04-09 CYCLISTS WERE WRITTEN OUT OF HIGHWAY HISTORY IN THE 1920S AND 1930S BY THE ALL-POWERFUL MOTOR LOBBY: *ROADS WERE NOT BUILT FOR CARS* TELLS THE REAL STORY, PUTTING CYCLISTS CENTER STAGE AGAIN. NOT THAT THE BOOK IS ONLY ABOUT CYCLISTS. IT WILL ALSO CONTAINS LOTS OF AUTOMOTIVE HISTORY BECAUSE MANY AUTOMOBILE PIONEERS WERE CYCLISTS BEFORE BECOMING MOTORISTS. A SURPRISING NUMBER OF THE FIRST CAR MANUFACTURERS WERE ALSO CYCLISTS, INCLUDING HENRY FORD. SOME CARRIED ON CYCLING RIGHT THROUGH UNTIL THE 1940S. ONE FAMOUS MOTOR MANUFACTURING PIONEER WAS A RACING TRICYCLE RIDER TO HIS DYING DAY.

**INSECTICIDES DESIGN USING ADVANCED TECHNOLOGIES** ISAAC ISHAAYA 2007-02-15 AMONG THE HIGHLIGHTS OF THIS BOOK ARE THE USE OF NANOTECHNOLOGY TO INCREASE POTENCY OF AVAILABLE INSECTICIDES, THE USE OF GENETIC ENGINEERING TECHNIQUES FOR CONTROLLING INSECT PESTS, THE DEVELOPMENT OF NOVEL INSECTICIDES THAT BIND TO UNIQUE BIOCHEMICAL RECEPTORS, THE EXPLORATION OF NATURAL PRODUCTS AS A SOURCE FOR ENVIRONMENTALLY ACCEPTABLE INSECTICIDES, AND THE USE OF INSECT GENOMICS AND CELL LINES FOR DETERMINING BIOLOGICAL AND BIOCHEMICAL MODES OF ACTION OF NEW INSECTICIDES.

**INQUIRY INTO THE TREATMENT OF DETAINEES IN U.S. CUSTODY** UNITED STATES. CONGRESS. SENATE. COMMITTEE ON ARMED SERVICES 2009

*SUSTAINABLE AGRICULTURE-BEYOND ORGANIC FARMING* SEAN CLARK 2018-07-17 THIS BOOK IS A PRINTED EDITION OF THE SPECIAL ISSUE "SUSTAINABLE AGRICULTURE-BEYOND ORGANIC FARMING" THAT WAS PUBLISHED IN SUSTAINABILITY

*SUSTAINABILITY PROSPECTS FOR AUTONOMOUS VEHICLES* GEORGE T. MARTIN 2019-06-20 THE AUTONOMOUS VEHICLE (AV) HAS BEEN STRONGLY HERALDED AS THE MOST EXCITING INNOVATION IN AUTOMOBILITY FOR DECADES. AUTONOMOUS VEHICLES ARE NO LONGER AN INNOVATION OF THE FUTURE (SEEN ONLY IN SCIENCE FICTION) BUT ARE NOW BEING ROAD-TESTED FOR USE. AND YET WHILE THE TECHNICAL AND ECONOMIC SUCCESS AND POSSIBILITIES OF THE AV HAVE BEEN WIDELY DEBATED, THERE HAS BEEN A NOTABLE LACK OF DISCUSSION AROUND THE SOCIAL, BEHAVIOURAL, AND ENVIRONMENTAL IMPLICATIONS. THIS BOOK IS THE FIRST TO ADDRESS THESE ISSUES AND TO DEEPLY CONSIDER THE ENVIRONMENTAL AND SOCIAL SUSTAINABILITY OUTLOOK FOR THE AV AND HOW IT WILL IMPACT ON COMMUNITIES. ENVIRONMENTAL AND SOCIAL SUSTAINABILITY ARE GOALS UNLIKE THOSE OF TECHNICAL DEVELOPMENT (A NEW TOOL) AND ECONOMIC DEVELOPMENT (A NEW INVESTMENT). THE GOAL OF SUSTAINABILITY IS DEVELOPMENT OF SOCIETIES THAT LIVE WELL AND EQUITABLY WITHIN THEIR ECOLOGICAL LIMITS. IS IT REASONABLE AND DESIRABLE THAT ONLY TECHNICAL AND ECONOMIC SUCCESS COMPRISE THE SWELLING AV PARADE, OR SHOULD WE BE LOOKING AT THE WIDER IMPACTS ON PERSONAL WELL-BEING, WIDER SOCIETY, AND THE ENVIRONMENT? THE UPTAKE FOR AVS LOOKS TO BE LENGTHY, DISJOINTED, AND EPISODIC, IN LARGE MEASURE BECAUSE IT FACES A RANGE OF KNOWN UNKNOWN RISKS. THIS BOOK ASSESSES THE ENVIRONMENTAL AND SOCIAL SUSTAINABILITY POTENTIAL FOR AVS BASED ON THEIR PROSPECTIVE ENERGY USE AND THEIR IMPACTS ON CLIMATE CHANGE, URBAN LANDSCAPES, PUBLIC HEALTH, MOBILITY INEQUALITIES, AND INDIVIDUAL AND SOCIAL WELL-BEING. IT EXAMINES PUBLIC ATTITUDES ABOUT AV USE AND ITS RISK OF FOSTERING A REBOUND EFFECT THAT COMPROMISES POTENTIAL SUSTAINABILITY GAINS. THE BOOK CONCLUDES WITH A DISCUSSION OF CRITICAL ISSUES INVOLVED IN SUSTAINABLE AV DIFFUSION.

*ADVANCED WIRELESS COMMUNICATIONS* SAVO G. GLISIC 2007-06-13 FULLY REVISED AND UPDATED VERSION OF THE SUCCESSFUL "ADVANCED WIRELESS COMMUNICATIONS" WIRELESS COMMUNICATIONS CONTINUE TO ATTRACT THE ATTENTION OF BOTH RESEARCH COMMUNITY AND INDUSTRY. SINCE THE FIRST EDITION WAS PUBLISHED SIGNIFICANT RESEARCH AND INDUSTRY ACTIVITIES HAVE BROUGHT THE FOURTH GENERATION (4G) OF WIRELESS COMMUNICATIONS SYSTEMS CLOSER TO IMPLEMENTATION AND STANDARDIZATION.

"ADVANCED WIRELESS COMMUNICATIONS" CONTINUES TO PROVIDE A COMPARATIVE STUDY OF ENABLING TECHNOLOGIES FOR 4G. THIS SECOND EDITION HAS BEEN REVISED AND UPDATED AND NOW INCLUDES ADDITIONAL INFORMATION ON THE COMPONENTS OF COMMON AIR INTERFACE, INCLUDING THE AREA OF SPACE TIME CODING, MULTICARRIER MODULATION ESPECIALLY OFDM, MIMO, COGNITIVE RADIO AND COOPERATIVE TRANSMISSION. IDEAL FOR STUDENTS AND ENGINEERS IN RESEARCH AND DEVELOPMENT IN THE FIELD OF WIRELESS COMMUNICATIONS, THE SECOND EDITION OF ADVANCED WIRELESS COMMUNICATIONS ALSO GIVES AN UNDERSTANDING TO CURRENT APPROACHES FOR ENGINEERS IN TELECOMM OPERATORS, GOVERNMENT AND REGULATORY INSTITUTIONS. NEW FEATURES INCLUDE: BRAND NEW CHAPTER COVERING LINEAR PRECODING IN MIMO CHANNELS BASED ON CONVEX OPTIMIZATION THEORY. MATERIAL BASED ON GAME THEORY MODELLING ENCOMPASSING PROBLEMS OF ADJACENT CELL INTERFERENCE, FLEXIBLE SPECTRA SHARING AND COOPERATION BETWEEN THE NODES IN AD HOC NETWORKS. PRESENTS AND DISCUSSES THE LATEST SCHEMES FOR INTERFERENCE SUPPRESSION IN ULTRA WIDE BAND (UWB) COGNITIVE SYSTEMS. DISCUSSES THE COOPERATIVE TRANSMISSION AND MORE DETAILS ON POSITIONING.

*NEXT GENERATION SOCIETY TECHNOLOGICAL AND LEGAL ISSUES* ALEXANDER B. SIDERIDIS 2010-01-26 RECENT DEVELOPMENTS IN INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) HAVE PAVED THE WAY FOR A WORLD OF ADVANCED COMMUNICATION, INTELLIGENT INFORMATION PROCESSING AND UBIQUITOUS ACCESS TO INFORMATION AND SERVICES. THE ABILITY TO WORK, COMMUNICATE, INTERACT, CONDUCT BUSINESS, AND ENJOY DIGITAL ENTERTAINMENT VIRTUALLY ANYWHERE IS R- IDLY BECOMING COMMONPLACE DUE TO A MULTITUDE OF SMALL DEVICES, RANGING FROM MOBILE PHONES AND PDAs TO RFID TAGS AND WEARABLE COMPUTERS. THE INCREASING NUMBER OF CONNECTED DEVICES AND THE PROLIFERATION OF NETWORKS PROVIDE NO INDICATION OF A SL- DOWN IN THIS TENDENCY. ON THE NEGATIVE SIDE, MISUSE OF THIS SAME TECHNOLOGY ENTAILS SERIOUS RISKS IN VARIOUS ASPECTS, SUCH AS PRIVACY VIOLATIONS, ADVANCED ELECTRONIC CRIME, CYBER TERRORISM, AND EVEN ENLARGEMENT OF THE DIGITAL DIVIDE. IN EXTREME CASES IT MAY EVEN THREATEN BASIC PRINCIPLES AND HUMAN RIGHTS. THE AFOREMENTIONED ISSUES RAISE AN IMPORTANT QUESTION: IS OUR SOCIETY READY TO ADOPT THE TECHNOLOGICAL ADVANCES IN UBIQ- TOUS NETWORKING, NEXT-GENERATION INTERNET, AND PERVERSIVE COMPUTING? TO WHAT EXTENT WILL IT MANAGE TO EVOLVE PROMPTLY AND EFFICIENTLY TO A NEXT- GENERATION SOCIETY, ADO- ING THE FORTHCOMING ICT CHALLENGES? THE THIRD INTERNATIONAL ICST CONFERENCE ON E-DEMOCRACY

HELD IN ATHENS, GREECE DURING SEPTEMBER 23-25, 2009 FOCUSED ON THE ABOVE ISSUES. THROUGH A COMPREH- SIVE LIST OF THEMATIC AREAS UNDER THE TITLE "NEXT-GENERATION SOCIETY: TECHNOLOGICAL AND LEGAL ISSUES," THE 2009 CONFERENCE PROVIDED COMPREHENSIVE REPORTS AND STIMULATED DISCUSSIONS ON THE TECHNOLOGICAL, ETHICAL, LEGAL, AND POLITICAL CHALLENGES AHEAD OF US.

DAVA J. NEWMAN 2002 THIS TEXT CONTAINS AN INTEGRATED BOUND-IN CD-ROM, AND HAS A STRONG EMPHASIS ON DESIGN. ITS ACTIVE VISUAL APPROACH AND INCLUSION OF SPACE-ORIENTATED ENGINEERING MAKE IT AN INTERESTING EXAMINATION OF THE AEROSPACE ENGINEERING FIELD.

JIRI BLAZEK 2005-12-20 COMPUTATIONAL FLUID DYNAMICS (CFD) IS AN IMPORTANT DESIGN TOOL IN ENGINEERING AND ALSO A SUBSTANTIAL RESEARCH TOOL IN VARIOUS PHYSICAL SCIENCES AS WELL AS IN BIOLOGY. THE OBJECTIVE OF THIS BOOK IS TO PROVIDE UNIVERSITY STUDENTS WITH A SOLID FOUNDATION FOR UNDERSTANDING THE NUMERICAL METHODS EMPLOYED IN TODAY'S CFD AND TO FAMILIARISE THEM WITH MODERN CFD CODES BY HANDS- ON EXPERIENCE. IT IS ALSO INTENDED FOR ENGINEERS AND SCIENTISTS STARTING TO WORK IN THE FIELD OF CFD OR FOR THOSE WHO APPLY CFD CODES. DUE TO THE DETAILED INDEX, THE TEXT CAN SERVE AS A REFERENCE HANDBOOK TOO. EACH CHAPTER INCLUDES AN EXTENSIVE BIBLIOGRAPHY, WHICH PROVIDES AN EXCELLENT BASIS FOR FURTHER STUDIES.

**ENGINEERING ECONOMIC ANALYSIS** DONALD G. NEWMAN 2018-02-05 PRAISED FOR ITS ACCESSIBLE TONE AND EXTENSIVE PROBLEM SETS, THIS TRUSTED TEXT FAMILIARIZES STUDENTS WITH THE UNIVERSAL PRINCIPLES OF ENGINEERING ECONOMICS. THIS ESSENTIAL INTRODUCTION FEATURES A WEALTH OF SPECIFIC CANADIAN EXAMPLES AND HAS BEEN FULLY UPDATED WITH NEW COVERAGE OF INFLATION AND ENVIRONMENTAL STEWARDSHIP AS WELL AS A NEW CHAPTER ON PROJECT MANAGEMENT.

JONATHAN M. SILVER, M.D. 2018-12-05 DESPITE THE INCREASED PUBLIC AWARENESS OF TRAUMATIC BRAIN INJURY (TBI), THE COMPLEXITIES OF THE NEUROPSYCHIATRIC, NEUROPSYCHOLOGICAL, NEUROLOGICAL, AND OTHER PHYSICAL CONSEQUENCES OF TBI OF ALL SEVERITIES ACROSS THE LIFESPAN REMAIN INCOMPLETELY UNDERSTOOD BY PATIENTS, THEIR FAMILIES, HEALTHCARE PROVIDERS, AND THE MEDIA. KEEPING PACE WITH ADVANCES IN THE DIAGNOSIS, TREATMENT, AND SCIENCE OF TBI, THE TEXTBOOK OF TRAUMATIC BRAIN INJURY, THIRD EDITION, COMPREHENSIVELY FILLS THIS GAP IN KNOWLEDGE. NEARLY ALL 50 CHAPTERS FEATURE NEW AUTHORS, ALL OF THEM EXPERTS IN THEIR FIELD. CHAPTERS NEW TO THIS EDITION INCLUDE BIOMECHANICAL FORCES, BIOMARKERS, NEURODEGENERATIVE DEMENTIAS, SUICIDE, ENDOCRINE DISORDERS, CHRONIC DISEASE MANAGEMENT, AND SOCIAL COGNITION. AN ENTIRELY NEW SECTION IS DEVOTED TO THE EVALUATION AND TREATMENT OF MILD TBI, INCLUDING INJURIES IN ATHLETES, MILITARY SERVICE MEMBERS AND VETERANS, AND CHILDREN AND ADOLESCENTS. THESE CHAPTERS JOIN NEWLY UPDATED SECTIONS ON THE ASSESSMENT AND TREATMENT OF THE COGNITIVE, EMOTIONAL, BEHAVIORAL, AND OTHER PHYSICAL SEQUELAE OF TBI. THE TEXTBOOK OF TRAUMATIC BRAIN INJURY IS A MUST-READ FOR ALL OF THOSE WORKING IN ANY OF THE MULTITUDE OF DISCIPLINES THAT CONTRIBUTE TO THE CARE AND REHABILITATION OF PERSONS WITH BRAIN INJURY. THIS NEW VOLUME IS ALSO A POTENTIALLY USEFUL REFERENCE FOR POLICYMAKERS IN BOTH THE PUBLIC AND PRIVATE SECTORS.

**PERSPECTIVES AND TRENDS IN EDUCATION AND TECHNOLOGY** ANABELA MESQUITA 2021-11-17 THIS BOOK PRESENTS HIGH-QUALITY, PEER-REVIEWED PAPERS FROM THE INTERNATIONAL CONFERENCE IN INFORMATION TECHNOLOGY & EDUCATION (ICITED 2021), TO BE HELD AT THE ESPM - HIGHER SCHOOL OF ADVERTISING AND MARKETING, SAO PAULO, BRAZIL, BETWEEN THE 15TH AND THE 17TH OF JULY 2021. THE BOOK COVERS A SPECIFIC FIELD OF KNOWLEDGE. THIS INTENDS TO COVER NOT ONLY TWO FIELDS OF KNOWLEDGE - EDUCATION AND TECHNOLOGY - BUT ALSO THE INTERACTION AMONG THEM AND THE IMPACT/RESULT IN THE JOB MARKET AND ORGANIZATIONS. IT COVERS THE RESEARCH AND PEDAGOGIC COMPONENT OF EDUCATION AND INFORMATION TECHNOLOGIES BUT ALSO THE CONNECTION WITH SOCIETY, ADDRESSING THE THREE PILLARS OF HIGHER EDUCATION. THE BOOK ADDRESSES IMPACT OF PANDEMIC ON EDUCATION AND USE OF TECHNOLOGY IN EDUCATION. FINALLY, IT ALSO ENCOURAGES COMPANIES TO PRESENT THEIR PROFESSIONAL CASES WHICH IS DISCUSSED. THESE CAN CONSTITUTE REAL EXAMPLES OF HOW COMPANIES ARE OVERCOMING THEIR CHALLENGES WITH THE UNCERTAINTY OF THE MARKET.

**OBJECT-BASED IMAGE ANALYSIS** THOMAS BLASCHKE 2008-08-09 THIS BOOK BRINGS TOGETHER A COLLECTION OF INVITED INTERDISCIPLINARY PERSP- TIVES ON THE RECENT TOPIC OF OBJECT-BASED IMAGE ANALYSIS (OBIA). ITS C- ST TENT IS BASED ON SELECT PAPERS FROM THE 1 OBIA INTERNATIONAL CONFERENCE HELD IN SALZBURG IN JULY 2006, AND IS ENRICHED BY SEVERAL INVITED CHAPTERS. ALL SUBMISSIONS HAVE PASSED THROUGH A BLIND PEER-REVIEW PROCESS RESULTING IN WHAT WE BELIEVE IS A TIMELY VOLUME OF THE HIGHEST SCIENTIFIC, THEORETICAL AND TECHNICAL STANDARDS. THE CONCEPT OF OBIA FIRST GAINED WIDESPREAD INTEREST WITHIN THE GIScience (GEOGRAPHIC INFORMATION SCIENCE) COMMUNITY CIRCA 2000, WITH THE ADVENT OF THE FIRST COMMERCIAL SOFTWARE FOR WHAT WAS THEN TERMED 'OBJE- ORIENTED IMAGE ANALYSIS'. HOWEVER, IT IS WIDELY AGREED THAT OBIA BUILDS ON OLDER SEGMENTATION, EDGE-DETECTION AND CLASSIFICATION CONCEPTS THAT HAVE BEEN USED IN REMOTE SENSING IMAGE ANALYSIS FOR SEVERAL DECADES. NEVERT- LESS, ITS EMERGENCE HAS PROVIDED A NEW CRITICAL BRIDGE TO SPATIAL CONCEPTS APPLIED IN MULTISCALE LANDSCAPE ANALYSIS, GEOGRAPHIC INFORMATION SYSTEMS (GIS) AND THE SYNERGY BETWEEN IMAGE-OBJECTS AND THEIR RADIOMETRIC CHAR- TERISTICS AND ANALYSES IN EARTH OBSERVATION DATA (EO).

**VALUEPACK** THOMAS CONNOLLY 2005-08-01

**HANDBOOK OF PORTFOLIO CONSTRUCTION** JOHN B. GUERARD, JR. 2009-12-12 PORTFOLIO CONSTRUCTION IS FUNDAMENTAL TO THE INVESTMENT MANAGEMENT PROCESS. IN THE 1950S, HARRY MARKOWITZ DEMONSTRATED THE BENEFITS OF EFFICIENT DIVERSIFICATION BY FORMULATING A MATHEMATICAL PROGRAM FOR GENERATING THE "EFFICIENT FRONTIER" TO SUMMARIZE OPTIMAL TRADE-OFFS BETWEEN EXPECTED RETURN AND RISK. THE MARKOWITZ FRAMEWORK CONTINUES TO BE USED AS A BASIS FOR BOTH PRACTICAL PORTFOLIO CONSTRUCTION AND EMERGING RESEARCH IN FINANCIAL ECONOMICS. SUCH CONCEPTS AS THE CAPITAL ASSET PRICING MODEL (CAPM) AND THE ARBITRAGE PRICING THEORY (APT), FOR EXAMPLE, PROVIDE THE FOUNDATION FOR SETTING BENCHMARKS, FOR PREDICTING RETURNS AND RISK, AND FOR PERFORMANCE MEASUREMENT. THIS VOLUME SHOWCASES ORIGINAL ESSAYS BY SOME OF TODAY'S MOST PROMINENT ACADEMICS AND PRACTITIONERS IN THE FIELD ON THE CONTEMPORARY APPLICATION OF MARKOWITZ TECHNIQUES. COVERING A WIDE SPECTRUM OF TOPICS, INCLUDING PORTFOLIO SELECTION, DATA MINING TESTS, AND MULTI-FACTOR RISK MODELS, THE BOOK PRESENTS A COMPREHENSIVE APPROACH TO PORTFOLIO CONSTRUCTION TOOLS, MODELS, FRAMEWORKS, AND ANALYSES, WITH BOTH PRACTICAL AND THEORETICAL IMPLICATIONS.

*INTERACTIVE AEROSPACE ENGINEERING AND DESIGN*

*COMPUTATIONAL FLUID DYNAMICS: PRINCIPLES AND APPLICATIONS*

*TEXTBOOK OF TRAUMATIC BRAIN INJURY, THIRD EDITION*