

CATALOG OF COPYRIGHT ENTRIES. THIRD SERIES 1959

INCLUDES PART 1 NUMBER 2 BOOKS AND PAMPHLETS INCLUDING SERIALS AND CONTRIBUTIONS TO PERIODICALS JULY DECEMBER

MANAGING WATER RESOURCES 2012-05-23

THIS BOOK BRIDGES DISCIPLINES PREVIOUSLY CONFINED TO SPECIALIST JOURNAL PUBLICATIONS BY PROVIDING A COMPREHENSIVE OVERVIEW OF THE SYSTEMS ANALYSIS APPLICATION TO WATER RESOURCES IT IS IDEAL FOR MASTERS LEVEL COURSES IN WATER RESOURCES ENGINEERING WHERE MODERN MANAGEMENT TECHNIQUES OF OPTIMIZATION AND MODELLING ARE HIGHLY IMPORTANT IN THE STRATEGIC MANAGEMENT OF A VITAL RESOURCE DEREK CLARKE UNIVERSITY OF SOUTHAMPTON UK THE GREAT NOVELTY OF THIS BOOK IS THAT IT PRESENTS IN DETAIL HOW FUZZY SET THEORY CAN BE USED IN WATER RESOURCE SYSTEM MANAGEMENT THE AUTHOR WAS ONE OF THE PIONEERS WHO OPENED UP THIS NEW FIELD AND IS CONSIDERED TO BE ONE OF THE GREATEST EXPERTS IN IT RODOLFO SONCINI SESSA POLITECNICO DI MILANO ITALY WATER RESOURCES MANAGEMENT IS INCREASINGLY INTERDISCIPLINARY AND MUST TAKE INTO ACCOUNT COMPLEX SOCIOECONOMIC FACTORS AND ENVIRONMENTAL VARIABLES THIS BOOK DESCRIBES THE SYSTEMS APPROACH AND ITS APPLICATION TO CONTEMPORARY WATER RESOURCES MANAGEMENT FOCUSING ON THREE MAIN SETS OF TOOLS SIMULATION OPTIMIZATION AND MULTI OBJECTIVE ANALYSIS THIS APPROACH IS PRESENTED WITHIN THE CONTEXT OF SUSTAINABLE PLANNING AND DEVELOPMENT UNDER CONDITIONS OF UNCERTAINTY MANAGING WATER RESOURCES METHODS AND TOOLS FOR A SYSTEMS APPROACH INTRODUCES SYSTEM DYNAMIC SIMULATION AS A TOOL FOR INTEGRATED MODELLING AND CONTAINS COVERAGE OF THE USE OF FUZZY SETS FOR INCORPORATING OBJECTIVE AND SUBJECTIVE UNCERTAINTIES THE BOOK COMBINES THEORY WITH MANY PRACTICAL EXAMPLES AS WELL AS INCLUDING PROGRAMS AND EXERCISES ON DOWNLOADABLE RESOURCES IT COMPRISES BOTH AN ADVANCED TEXT FOR STUDENTS OF WATER RESOURCES AND CIVIL OR ENVIRONMENTAL ENGINEERING AND A PRACTICAL GUIDE FOR PROFESSIONALS PUBLISHED JOINTLY WITH UNESCO AND INTERNATIONAL HYDROLOGICAL PROGRAMME

UNIFORM TRADE LIST ANNUAL 1977

SYSTEM DYNAMICS IS A COMPONENT OF ENCYCLOPEDIA OF TECHNOLOGY INFORMATION AND SYSTEMS MANAGEMENT RESOURCES IN THE GLOBAL ENCYCLOPEDIA OF LIFE SUPPORT SYSTEMS EOLSS WHICH IS AN INTEGRATED COMPENDIUM OF TWENTY ONE ENCYCLOPEDIAS THE WORLD IS FACING A WIDE RANGE OF INCREASINGLY COMPLEX DYNAMIC PROBLEMS IN THE PUBLIC AND PRIVATE ARENAS ALIKE SYSTEM DYNAMICS DISCIPLINE IS AN ATTEMPT TO ADDRESS SUCH DYNAMIC LONG TERM POLICY PROBLEMS APPLICATIONS COVER A VERY WIDE SPECTRUM INCLUDING NATIONAL ECONOMIC PROBLEMS SUPPLY CHAINS PROJECT MANAGEMENT EDUCATIONAL PROBLEMS ENERGY SYSTEMS SUSTAINABLE DEVELOPMENT POLITICS PSYCHOLOGY MEDICAL SCIENCES HEALTH CARE AND MANY OTHER AREAS THIS THEME PROVIDES A COMPREHENSIVE OVERVIEW OF SYSTEM DYNAMICS METHODOLOGY INCLUDING ITS CONCEPTUAL PHILOSOPHICAL FRAMEWORK AS WELL AS THE TECHNICAL ASPECTS OF MODELING AND ANALYSIS SYSTEM DYNAMICS CAN ADDRESS THE FUNDAMENTAL STRUCTURAL CAUSES OF THE LONG TERM DYNAMIC CONTEMPORARY SOCIO ECONOMIC PROBLEMS ITS SYSTEMS PERSPECTIVE CHALLENGES THE BARRIERS THAT SEPARATE DISCIPLINES THE INTERDISCIPLINARY AND SYSTEMIC APPROACH OF SYSTEM DYNAMICS COULD BE CRITICAL IN DEALING WITH THE INCREASINGLY COMPLEX PROBLEMS OF OUR MODERN WORLD IN THIS NEW CENTURY THESE TWO VOLUMES ARE AIMED AT THE FOLLOWING FIVE MAJOR TARGET AUDIENCES UNIVERSITY AND COLLEGE STUDENTS EDUCATORS PROFESSIONAL PRACTITIONERS RESEARCH PERSONNEL AND POLICY ANALYSTS MANAGERS AND DECISION MAKERS AND NGOS

SYSTEM DYNAMICS - VOLUME I 2009-06-29

THIS BOOK FOCUSES ON THE IMPORTANCE OF HUMAN FACTORS IN THE DEVELOPMENT OF SAFE AND RELIABLE ROBOTIC AND UNMANNED SYSTEMS IT DISCUSSES SOLUTIONS FOR IMPROVING THE PERCEPTUAL AND COGNITIVE ABILITIES OF ROBOTS DEVELOPING SUITABLE SYNTHETIC VISION SYSTEMS COPING WITH DEGRADED RELIABILITY IN UNMANNED SYSTEMS AND PREDICTING ROBOTIC BEHAVIOR IN RELATION TO HUMAN ACTIVITIES IT COVERS THE DESIGN OF IMPROVED EASY TO USE HUMAN SYSTEM INTERFACES TOGETHER WITH STRATEGIES FOR INCREASING HUMAN SYSTEM PERFORMANCE AND REDUCING COGNITIVE WORKLOAD AT THE USER INTERFACE IT ALSO DISCUSSES REAL WORLD APPLICATIONS AND CASE STUDIES OF HUMAN ROBOT AND HUMAN AGENT COLLABORATION IN DIFFERENT BUSINESS AND EDUCATIONAL ENDEAVORS THE SECOND PART OF THE BOOK REPORTS ON RESEARCH AND DEVELOPMENTS IN THE FIELD OF HUMAN FACTORS IN CYBERSECURITY CONTRIBUTIONS COVER THE TECHNOLOGICAL SOCIAL ECONOMIC AND BEHAVIORAL ASPECTS OF THE CYBERSPACE PROVIDING A COMPREHENSIVE PERSPECTIVE TO MANAGE CYBERSECURITY RISKS BASED ON THE TWO AHFE 2021 CONFERENCES SUCH AS THE AHFE 2021 CONFERENCE ON HUMAN FACTORS IN ROBOTS DRONES AND UNMANNED SYSTEMS AND THE AHFE 2021 CONFERENCE ON HUMAN FACTORS IN CYBERSECURITY HELD VIRTUALLY ON 25 29 JULY 2021 FROM USA THIS BOOK OFFERS EXTENSIVE INFORMATION AND HIGHLIGHTS THE IMPORTANCE OF MULTIDISCIPLINARY APPROACHES MERGING ENGINEERING COMPUTER SCIENCE BUSINESS AND PSYCHOLOGICAL KNOWLEDGE IT IS EXPECTED TO FOSTER DISCUSSION AND COLLABORATIONS BETWEEN RESEARCHERS AND PRACTITIONERS WITH DIFFERENT BACKGROUND THUS STIMULATING NEW SOLUTIONS FOR THE DEVELOPMENT OF RELIABLE AND SAFE HUMAN CENTERED HIGHLY FUNCTIONAL DEVICES TO PERFORM AUTOMATED AND CONCURRENT TASKS AND TO ACHIEVE AN INCLUSIVE HOLISTIC APPROACH FOR ENHANCING CYBERSECURITY

ADVANCES IN HUMAN FACTORS IN ROBOTS, UNMANNED SYSTEMS AND CYBERSECURITY 2021-06-26

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MANAGING WATER RESOURCES 2009

THE ADVANCEMENTS IN DECISION SCIENCES THEORY AND APPLICATIONS CAN BE REGARDED AS A CONTINUOUSLY EMERGING FIELD IN ALL AREAS OF INTEREST INCLUDING TECHNOLOGY INDUSTRY ENERGY HEALTHCARE EDUCATION AGRICULTURE SOCIAL SCIENCES AND MORE MANAGERS IN ALL DISCIPLINES FACE AN ENDLESS LIST OF COMPLEX ISSUES EVERY DAY ONE OF THE ESSENTIAL MANAGERIAL SKILLS IS THE ABILITY TO ALLOCATE AND UTILIZE LIMITED RESOURCES APPROPRIATELY IN THE EFFORTS OF ACHIEVING OPTIMAL PERFORMANCE EFFICIENTLY THIS IS NO LESS IMPORTANT FOR THOSE WHO WORK IN THE TRANSPORTATION SECTOR THE HANDBOOK OF RESEARCH ON DECISION SCIENCES AND APPLICATIONS IN THE TRANSPORTATION SECTOR EXPLORES THE IMPORTANCE OF DECISION SCIENCES AND THE WAYS IN WHICH THEY APPLY TO THE TRANSPORTATION SECTOR THIS BOOK COVERS TECHNOLOGIES AND TOOLS INCLUDING MACHINE LEARNING MATHEMATICAL MODELING AND SIMULATION AND THEIR APPLICATIONS IN SUCH TASKS AS REDUCING FUEL COSTS IMPROVING PASSENGER FLOW AND ENSURING VEHICLE SAFETY IT IS AN ESSENTIAL REFERENCE SOURCE FOR MANAGERS PROFESSIONALS IN THE TRANSPORT INDUSTRY SUPPLY CHAIN SPECIALISTS SAFETY OFFICERS IT CONSULTANTS EXECUTIVES PRACTITIONERS SCIENTISTS STUDENTS RESEARCHERS AND ACADEMICIANS

HANDBOOK OF RESEARCH ON DECISION SCIENCES AND APPLICATIONS IN THE TRANSPORTATION SECTOR 2021-06-25

THIS BOOK IS ABOUT IMPROVING HUMAN DECISION MAKING AND PERFORMANCE IN COMPLEX DYNAMIC TASKS THE DEFINING CHARACTERISTICS OF A DYNAMIC DECISION TASK ARE THAT THERE ARE A NUMBER OF DECISIONS REQUIRED THAT DECISIONS ARE INTERDEPENDENT AND THAT THE ENVIRONMENT IN WHICH THE DECISION IS MADE IS TRANSIENT AND FEEDBACK IS PERVASIVE EXAMPLES OF DYNAMIC TASKS INCLUDE THE SUSTAINABLE MANAGEMENT OF RENEWABLE RESOURCES AND HOW BUSINESSES MIGHT ALLOCATE RESOURCES FOR RESEARCH AND DEVELOPMENT R D PROJECTS DECISION MAKING IN DYNAMIC TASKS CAN BE IMPROVED THROUGH TRAINING WITH SYSTEM DYNAMICS BASED INTERACTIVE LEARNING ENVIRONMENTS ILE S THAT INCLUDE SYSTEMATIC DEBRIEFING SOME KEY FEATURES OF THE BOOK INCLUDE ITS DIDACTIC APPROACH NUMEROUS TABLES FIGURES AND THE MULTIDIMENSIONAL EVALUATIVE MODEL RESEARCHERS CAN USE THE DEVELOPED EVALUATION MODEL TO GAUGE VARIOUS DECISION AIDING TECHNOLOGIES HOW TO IMPROVE HUMAN PERFORMANCE IN DYNAMIC TASKS APPEALS TO THOSE INTERESTED IN THE DESIGN AND EVALUATION OF SIMULATION BASED DECISION SUPPORT SYSTEMS AS WELL AS POLICY MAKERS STUDENTS RESEARCHERS AND INDUSTRIALISTS CONCERNED BY THE ISSUE OF IMPROVING HUMAN PERFORMANCE IN ORGANIZATIONAL TASKS

WHITAKER'S CUMULATIVE BOOK LIST 1983

ECONOMICS LIKE MOST OTHER SOCIAL SCIENCES IS NOT A PURE DISCIPLINE INDEED IT HAS BEEN ENHANCED BY THE FACT THAT THERE IS SO MUCH OVERLAP BETWEEN IT AND THE RELATED FIELDS OF BUSINESS INDUSTRIAL RELATIONS POLITICAL SCIENCE SOCIAL PSYCHOLOGY AND SOCIOLOGY THIS BOOK IS THE FIRST ATTEMPT TO EXPLAIN HOW WORK IN ECONOMICS HAS INFLUENCED AND BENEFITED FROM A MERGING OF ECONOMIC ANALYSIS WITH THE RESEARCH PRACTICES OF THESE RELATED FIELDS OF STUDY WITH CONTRIBUTIONS FROM LEADING ECONOMISTS FROM AROUND THE WORLD IT DEMONSTRATES HOW ECONOMICS IS LEADING THE WAY TOWARD A MORE UNIFIED SOCIAL SCIENCE

IMPROVING HUMAN PERFORMANCE IN DYNAMIC TASKS 2019-08-30

IMPORTANT READING FOR CURRENT AND FUTURE ADDICTIONS TREATMENT CLINICIANS THIS BOOK SYNTHESIZES AND INTEGRATES THE EXPANDING BODY OF KNOWLEDGE ABOUT COMBINED TRAUMA ADDICTION TREATMENT TO SPECIFICALLY ADDRESS THE NEEDS OF CLINICIANS IN ADDICTION TREATMENT ENVIRONMENTS HERE IN A SINGLE SOURCE IS AN ESSENTIAL OVERVIEW OF TRAUMA TREATMENT FOR PEOPLE IN ADDICTION TREATMENT SETTINGS PSYCHOLOGICAL TRAUMA AND ADDICTION TREATMENT PRESENTS SPECIFIC METHODOLOGIES AND TECHNIQUES FOR CLIENTS IN INPATIENT AND OUTPATIENT ADDICTION MENTAL HEALTH SETTINGS THE CONTRIBUTORS LEADING CLINICIANS AND RESEARCHERS IN THE FIELD PROVIDE A COMPREHENSIVE SET OF SCIENTIFIC TREATMENT APPROACHES ADDRESSING A BROAD SPECTRUM OF TRAUMA DISORDERS PSYCHOLOGICAL TRAUMA AND ADDICTION TREATMENT BRINGS YOU UP TO DATE AUTHORITATIVE COVERAGE OF THE DYNAMICS OF CO OCCURRING PSYCHOLOGICAL TRAUMA AND ADDICTION ALL OF THE PRIMARY TREATMENT FRAMEWORKS CURRENTLY UTILIZED IN TRAUMA TREATMENT TREATMENT FRAMEWORKS THAT TAKE GENDER INTO ACCOUNT COGNITIVE THERAPIES IN TREATING THESE CO OCCURRING DISORDERS THE ROLE OF PSYCHODYNAMIC PSYCHOTHERAPIES IN TREATMENT ATTACHMENT DISORDERS AND THEIR RELATION TO TRAUMA AND ADDICTION TREATMENT EMDR AS A TREATMENT FOR TRAUMATIZED ADDICTS THE PSYCHONEUROLOGY OF TRAUMA AND THE IMPLICATIONS OF PSYCHONEUROLOGY IN ADDICTIONS AND TRAUMA TREATMENT HOW SELF HELP GROUPS CAN CONTRIBUTE TO AND LIMIT RECOVERY FOR PSYCHOLOGICALLY TRAUMATIZED CLIENTS FORGIVENESS THERAPY AS AN ADJUNCT TO TRAUMA TREATMENT COUNSELOR SELF CARE FOR THOSE WHO WORK WITH THIS CLIENT POPULATION ULTIMATELY THIS IS A BOOK OF HOPE EVERY AUTHOR IN THIS TEXT HAS A FIRM BELIEF THAT PEOPLE WITH CO OCCURRING TRAUMA AND ADDICTION CAN RECOVER CAN MAINTAIN QUALITY RELATIONSHIPS CAN CONFRONT LIFE S CHALLENGES AS THEY ARISE AND CAN BE HAPPY AND FULFILLED PSYCHOLOGICAL TRAUMA AND ADDICTION TREATMENT IS DESIGNED AS ESSENTIAL READING FOR ENTRY LEVEL AND EXPERIENCED ADDICTION COUNSELORS SOCIAL WORKERS PROFESSIONAL COUNSELORS PSYCHOLOGISTS AND OTHERS WORKING IN THE TRAUMA TREATMENT FIELD

THE EXPANSION OF ECONOMICS 2016-07-08

THE RAPID EVOLUTION OF TECHNOLOGY CONTINUOUSLY CHANGES THE WAY PEOPLE INTERACT WORK AND LEARN BY EXAMINING THESE ADVANCES FROM A SOCIOLOGICAL PERSPECTIVE RESEARCHERS CAN FURTHER UNDERSTAND THE IMPACT OF CYBERSPACE ON HUMAN BEHAVIOR INTERACTION AND COGNITION MULTIGENERATIONAL ONLINE BEHAVIOR AND MEDIA USE CONCEPTS METHODOLOGIES TOOLS AND APPLICATIONS IS A VITAL REFERENCE SOURCE COVERING THE IMPACT OF SOCIAL NETWORKING PLATFORMS ON A VARIETY OF RELATIONSHIPS INCLUDING THOSE BETWEEN INDIVIDUALS GOVERNMENTS CITIZENS BUSINESSES AND CONSUMERS THE PUBLICATION ALSO HIGHLIGHTS THE NEGATIVE BEHAVIORAL PHYSICAL AND MENTAL EFFECTS OF INCREASED ONLINE USAGE AND SCREEN TIME SUCH AS MENTAL HEALTH ISSUES INTERNET ADDICTION AND BODY IMAGE SHOWCASING A RANGE OF TOPICS INCLUDING ONLINE DATING SMARTPHONE DEPENDENCY AND CYBERBULLYING THIS MULTI VOLUME BOOK IS IDEALLY DESIGNED FOR SOCIOLOGISTS PSYCHOLOGISTS COMPUTER SCIENTISTS ENGINEERS COMMUNICATION SPECIALISTS ACADEMICIANS RESEARCHERS AND GRADUATE LEVEL STUDENTS SEEKING CURRENT RESEARCH ON MEDIA USAGE AND ITS BEHAVIORAL EFFECTS

PSYCHOLOGICAL TRAUMA AND ADDICTION TREATMENT 2013-10-23

CHANGE PROGRAMMES IN BOTH PRIVATE AND PUBLIC SECTORS HAVE A POOR RECORD OF DELIVERING THEIR INTENDED VALUE THE REASONS GIVEN MOST OFTEN FOR THEIR FAILURE INCLUDE LACK OF EXECUTIVE SUPPORT OR BUY IN FROM KEY USERS LOOSE REQUIREMENTS DEFINITION WEAK PROGRAMME MANAGEMENT AND PLAIN WISHFUL THINKING THEY RARELY INCLUDE TECHNICAL LIMITATIONS VALUE MANAGEMENT PUTS FORWARD THE VIEW THAT THE TRUE PROBLEM LIES IN FAILING TO UNDERSTAND THE CAUSAL LINKS BETWEEN THE INTENDED STAKEHOLDER OUTCOMES AND THE ACTUAL PROGRAMME OUTPUTS REPEATING THE PATTERN OF FAILURE CAN BE AVOIDED BY ASKING TWO QUESTIONS BEFORE IMPLEMENTATION WHAT CAPABILITIES MUST A CHANGE PROGRAMME DELIVER WHEN AND IN WHAT ORDER SO AS TO CAUSE INTENDED VALUE AGAINST A DEFINED PURPOSE WITH SPEED AND CERTAINTY DURING AND AFTER IMPLEMENTATION WHAT MINOR ADJUSTMENTS AND OR MAJOR SHIFTS ARE NEEDED TO BE CERTAIN THAT THE PROGRAMME REMAINS ON PURPOSE AND ON VALUE AND TWO ANSWERS TO BE GIVEN TARGET TIME AND ALIGN CHANGE PROGRAMMES TO DELIVER MAXIMUM INTENDED VALUE TO STAKEHOLDERS THE BASELINE BUSINESS CASE TRACK AND RESPOND TO CHANGES DURING AND BEYOND IMPLEMENTATION TO ENSURE THAT THE PROGRAMME ACTUALLY DELIVERS OR EXCEEDS INTENDED VALUE VALUE REALISATION THE AUTHORS SHOW HOW BY ASKING AND ANSWERING THESE QUESTIONS DIRECTION AND DELIVERY OF ANY PROGRAMME CAN BE CLARIFIED AND GREATER ECONOMIC VALUE ACHIEVED

ENERGY RESEARCH ABSTRACTS 1986

THE MAIN GOAL OF THIS TEXT IS TO INTRODUCE THE SYSTEMS APPROACH TO DISASTERS MANAGEMENT COMMUNITY AS AN ALTERNATIVE APPROACH THAT CAN PROVIDE SUPPORT FOR INTERDISCIPLINARY ACTIVITIES INVOLVED IN THE MANAGEMENT OF DISASTERS THE SYSTEMS APPROACH DRAWS ON THE FIELDS OF OPERATIONS RESEARCH AND ECONOMICS TO CREATE SKILLS IN SOLVING COMPLEX MANAGEMENT PROBLEMS THE TEXT IS ORGANIZED INTO FOUR PARTS PART I PROVIDES AN INTRODUCTORY DISCUSSION OF DISASTER MANAGEMENT INCLUDING AN OVERVIEW OF THE MAIN TERMS USED PART II IS DEVOTED TO THE INTRODUCTION OF SYSTEMS THEORY MATHEMATICAL FORMALIZATION AND CLASSIFICATION OF METHODS THE MATERIAL PRESENTED IN THIS SECTION SHOULD BE OF PRACTICAL RELEVANCE DURING THE PROCESS OF SELECTING AN APPROPRIATE TOOL FOR THE SOLUTION OF A PROBLEM PART III IS TECHNICAL IN NATURE PROVIDING A SIMULATION APPROACH AND A DETAILED DESCRIPTION OF SYSTEM DYNAMICS SIMULATION THIS SECTION DETAILS TWO AREAS OF APPLICATION FLOOD EVACUATION SIMULATION AND DISASTER RISK ASSESSMENT PART IV ENDS WITH A CHAPTER COVERING STEPS TO IMPROVE DISASTER MANAGEMENT FINALLY PARTS OF THE BOOK CAN BE USED AS A TOOL FOR SPECIALIZED SHORT COURSES FOR PRACTITIONERS FOR EXAMPLE A COURSE ON SYSTEM ANALYSIS FOR EMERGENCY MANAGEMENT OPTIMIZATION COULD BE BASED ON CHAPTERS 3 4 AND PARTS OF CHAPTER 6 INCLUDED IN THE BOOK IS A CD WITH THREE COMPUTER PROGRAMS VENSIM PLE LINPRO AND COMPRO VENSIM PLE PERSONAL LEARNING EDITION IS STATE OF THE ART SIMULATION SOFTWARE USED FOR THE IMPLEMENTATION OF SYSTEM DYNAMICS SIMULATION THE OTHER TWO PROGRAMS ARE LINPRO A LINEAR PROGRAMMING OPTIMIZATION TOOL AND COMPRO FOR THE IMPLEMENTATION OF THE MULTI OBJECTIVE ANALYSIS TOOL OF COMPROMISE PROGRAMMING

MULTIGENERATIONAL ONLINE BEHAVIOR AND MEDIA USE: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS 2019-02-01

SYSTEM DYNAMICS IS A COMPONENT OF ENCYCLOPEDIA OF TECHNOLOGY INFORMATION AND SYSTEMS MANAGEMENT RESOURCES IN THE GLOBAL ENCYCLOPEDIA OF LIFE SUPPORT SYSTEMS EOLSS WHICH IS AN INTEGRATED COMPENDIUM OF TWENTY ONE ENCYCLOPEDIAS THE WORLD IS FACING A WIDE RANGE OF INCREASINGLY COMPLEX DYNAMIC PROBLEMS IN THE PUBLIC AND PRIVATE ARENAS ALIKE SYSTEM DYNAMICS DISCIPLINE IS AN ATTEMPT TO ADDRESS SUCH DYNAMIC LONG TERM POLICY PROBLEMS APPLICATIONS COVER A VERY WIDE SPECTRUM INCLUDING NATIONAL ECONOMIC PROBLEMS SUPPLY CHAINS PROJECT MANAGEMENT EDUCATIONAL PROBLEMS ENERGY SYSTEMS SUSTAINABLE DEVELOPMENT POLITICS PSYCHOLOGY MEDICAL SCIENCES HEALTH CARE AND MANY OTHER AREAS THIS THEME PROVIDES A COMPREHENSIVE OVERVIEW OF SYSTEM DYNAMICS METHODOLOGY INCLUDING ITS CONCEPTUAL PHILOSOPHICAL FRAMEWORK AS WELL AS THE TECHNICAL ASPECTS OF MODELING AND ANALYSIS SYSTEM DYNAMICS CAN ADDRESS THE FUNDAMENTAL STRUCTURAL CAUSES OF THE LONG TERM DYNAMIC CONTEMPORARY SOCIO ECONOMIC PROBLEMS ITS SYSTEMS PERSPECTIVE CHALLENGES THE BARRIERS THAT SEPARATE DISCIPLINES THE INTERDISCIPLINARY AND SYSTEMIC APPROACH OF SYSTEM DYNAMICS COULD BE CRITICAL IN DEALING WITH THE INCREASINGLY COMPLEX PROBLEMS OF OUR MODERN WORLD IN THIS NEW CENTURY THESE TWO VOLUMES ARE AIMED AT THE FOLLOWING FIVE MAJOR TARGET AUDIENCES UNIVERSITY AND COLLEGE STUDENTS EDUCATORS PROFESSIONAL PRACTITIONERS RESEARCH PERSONNEL AND POLICY ANALYSTS MANAGERS AND DECISION MAKERS AND NGOS

VALUE MANAGEMENT 2016-02-17

THIS BOOK PRESENTS SOME OF THE MOST IMPORTANT PAPERS PUBLISHED IN PALGRAVE S JOURNAL OF OPERATIONAL RESEARCH RELATING TO THE USE OF SYSTEM

DYNAMICS SD IN THE CONTEXT OF OPERATIONAL RESEARCH OR GIVING THE READER AN IN DEPTH UNDERSTANDING OF SIGNIFICANT FEATURES OF THE RESEARCH AREA WHICH HAVE GROWN OVER THE LAST 20 YEARS APPLICATIONS IN THE MANAGEMENT FIELD METHODOLOGIES POLICIES AT INDUSTRY LEVEL AND HEALTHCARE THIS BOOK IS AN INVALUABLE READ FOR THOSE WHO DO NOT HAVE ANY PRIOR EXPERTISE IN THE FIELD SPLIT INTO FOUR PARTS THE COLLECTION COVERS THE BROAD USE OF SD IN THE FIELD OF MANAGEMENT FOCUSES ON THE USE OF MODELLING IN SUPPLY CHAINS AND AT INDUSTRY LEVEL AND PRESENTS AN ANALYSIS OF THE USE OF SD IN ITS MOST PROMISING AREA HEALTHCARE NOT ONLY DOES THIS WORK PROVIDE A DETAILED OVERVIEW OF THE FIELD OF SD BUT IT WILL ALSO OFFER VITAL INSIGHTS INTO POTENTIAL RESEARCH AVENUES FOR THE FUTURE CONSIDERING THE USE OF SD AS A SOFT OR AND HARD OR METHOD

SYSTEMS APPROACH TO MANAGEMENT OF DISASTERS 2011-03-21

BLOCKCHAIN TECHNOLOGY IS A DISRUPTIVE TECHNOLOGY THAT AFFORDS BUSINESSPEOPLE AN OPPORTUNITY TO CORRECT PROBLEMS OF DISHONESTY CORRUPTION AND POOR DECISION MAKING THIS BOOK CRAFTS BLOCKCHAIN TECHNOLOGY FOR THE NON TECHNICAL EXPERT TO INTERPRET THE VARIOUS APPLICATIONS OF BLOCKCHAIN TECHNOLOGY THROUGH THE LENS OF VARIOUS INDUSTRIES AND CREATES OPPORTUNITIES FOR PROFESSIONALS USING PRACTICAL APPLICATIONS AND CASE STUDIES BLOCKCHAIN TECHNOLOGY IS AN IMPORTANT PLATFORM FOR BUSINESSES TO CONSIDER AS IT PROVIDES A CONSENSUS BASED TRUSTED AND TRANSPARENT SYSTEM FOR BUSINESSES TO OPERATE VARIOUS CRITICAL FUNCTIONS AS SUCH THIS BOOK IS A FIRST OF ITS KIND TO TAKE A DEEP DIVE INTO THE APPLICATION OF BLOCKCHAIN TECHNOLOGY IN DIFFERENT SECTORS APPLICATIONS OF BLOCKCHAIN TECHNOLOGY IS EXPLORED THROUGH UNDERSTANDING OF IMPLEMENTATION AND CONFIGURING THE USE OF BLOCKCHAIN TECHNOLOGY IN REAL BUSINESS APPLICATION THE BOOK PROVIDES ACCESS TO DISSEMINATE BLOCKCHAIN TECHNOLOGY AND ITS APPLICATION IN A CLEAR AND STRUCTURED MANNER BY ASSIMILATING REAL WORLD CASES BY PROVIDING VALUABLE INFORMATION FOR BUSINESS AUDIENCES FOR ALL BUSINESS SECTORS

SYSTEM DYNAMICS - VOLUME II 2009-06-29

System Dynamics - Volume II 2009-06-29

A PRACTICAL MANUAL FOR THE TREATMENT OF BURNS 1967

SOCIOLOGICAL THEORIES OF CRIME INCLUDE THEORIES OF STRAIN BLAME CRIME ON PERSONAL STRESSORS THEORIES OF SOCIAL LEARNING BLAME CRIME ON ITS SOCIAL REWARDS AND SEE CRIME MORE AS AN INSTITUTION IN CONFLICT WITH OTHER INSTITUTIONS RATHER THAN AS IN VIDUAL DEVIANCE AND THEORIES OF CONTROL LOOK AT CRIME AS NATURAL AND REWARDING AND EXPLORE THE FORMATION OF INSTITUTIONS THAT CONTROL CRIME THEORISTS OF CORRUPTION GENERALLY AGREE THAT CORRUPTION IS AN EXPRESSION OF THE PATRON CLIENT RELATIONSHIP IN WHICH A PERSON WITH ACCESS TO RESOURCES TRADES RESOURCES WITH KIN AND MEMBERS OF THE COMMUNITY IN EXCHANGE FOR LOYALTY SOME APPROACHES TO MODELING CRIME AND CORRUPTION DO NOT INVOLVE AN EXPLICIT SIMULATION RULE BASED SYSTEMS BAYESIAN NETWORKS GAME THEORETIC APPROACHES OFTEN BASED ON RATIONAL CHOICE THEORY AND NEOCLASSICAL ECONOMETRICS A RATIONAL CHOICE BASED APPROACH SIMULATION BASED APPROACHES TAKE INTO ACCOUNT GREATER COMPLEXITIES OF INTERACTING PARTS OF SOCIAL PHENOMENA THESE INCLUDE FUZZY COGNITIVE MAPS AND FUZZY RULE SETS THAT MAY INCORPORATE FEEDBACK AND AGENT BASED SIMULATION WHICH CAN GO A STEP FARTHER BY COMPUTING NEW SOCIAL STRUCTURES NOT PREVIOUSLY IDENTIFIED IN THEORY THE LATTER INCLUDE COGNITIVE AGENT MODELS IN WHICH AGENTS LEARN HOW TO PERCEIVE THEIR EN RONMENT AND ACT UPON THE PERCEPTIONS OF THEIR INDIVIDUAL EXPERIENCES AND REACTIVE AGENT SIMULATION WHICH WHILE LESS CAPABLE THAN COGNITIVE AGENT SIMULATION IS ADEQUATE FOR TESTING A POLICY S EFFECTS WITH EXISTING SOCIETAL STRUCTURES FOR EXAMPLE>NNL IS A COGNITIVE AGENT MODEL BASED ON THE REPEAT SIMPHONY TOOLKIT

SYSTEM DYNAMICS 2017-11-23

THIS EDITED VOLUME PRESENTS CHAPTERS ON THE DYNAMICS OF GLOBAL CLIMATE CHANGE AND GLOBAL WARMING IN THE MIDDLE EAST IN THIS REGION IT SHOULD BE NOTED THAT EVEN SLIGHTLY WARMER WEATHER CAN RESULT IN AN INCREASED DEMAND OF ENERGY ALONG WITH ITS LOWER SUPPLY AS WELL AS LOWER LABOR PRODUCTIVITY THIS TEXT FOCUSES ON MODELING SIMULATION SYSTEM DYNAMICS AND AGENT BASED MODELING IN DEALING WITH THESE ISSUES THE LATEST DECISION MAKING TOOLS TECHNIQUES AND INNOVATIVE SOLUTIONS USED TO OVERCOME THESE CHALLENGES ARE PRESENTED MANY DISTINGUISHED RESEARCHERS CONTRIBUTE THEIR WORK HEREIN THE AUDIENCE FOR THIS VOLUME INCLUDES POLICY MAKERS RESEARCHERS AND STUDENTS UNIFIED BY THE COMMON GOAL OF MAKING BETTER DECISIONS IN THE SUSTAINABLE PRODUCTION AND CONSUMPTION OF ENERGY THE PRACTICAL ORIENTATION OF THE CHAPTERS WITHIN EACH PART IS INTENDED TO SUIT THE PRACTITIONERS MANAGERS AND DECISION MAKERS IN THE ENERGY SECTOR OF THE MIDDLE EAST REGION

APPLICATIONS OF BLOCKCHAIN TECHNOLOGY 2024-02-06

COLLECTED ARTICLES IN THIS SERIES ARE DEDICATED TO THE DEVELOPMENT AND USE OF SOFTWARE FOR EARTH SYSTEM MODELLING AND AIMS AT BRIDGING THE GAP BETWEEN IT SOLUTIONS AND CLIMATE SCIENCE THE PARTICULAR TOPIC COVERED IN THIS VOLUME ADDRESSES THE HISTORICAL DEVELOPMENT STATE OF THE ART AND FUTURE PERSPECTIVES OF THE MATHEMATICAL TECHNIQUES EMPLOYED FOR NUMERICAL APPROXIMATION OF THE EQUATIONS DESCRIBING ATMOSPHERIC AND OCEANIC MOTION FURTHERMORE IT DESCRIBES THE MAIN COMPUTER SCIENCE AND SOFTWARE ENGINEERING STRATEGIES EMPLOYED TO TURN THESE MATHEMATICAL METHODS INTO EFFECTIVE TOOLS FOR UNDERSTANDING EARTH S CLIMATE AND FORECASTING ITS EVOLUTION THESE METHODS AND THE RESULTING COMPUTER ALGORITHMS LIE AT THE CORE OF EARTH SYSTEM MODELS AND ARE ESSENTIAL FOR THEIR EFFECTIVENESS AND PREDICTIVE SKILL

2003-12

THIS 4 VOLUME SET PROVIDES A COMPENDIUM OF COMPREHENSIVE ADVANCED RESEARCH ARTICLES WRITTEN BY AN INTERNATIONAL COLLABORATION OF EXPERTS INVOLVED WITH THE STRATEGIC USE OF INFORMATION SYSTEMS PROVIDED BY PUBLISHER

ESTIMATING IMPACT 2010-09-15

EXPLORES THE INTERACTION BETWEEN THE DIFFERENT COMPONENTS OF PEACE AND THE RELATIONSHIP BETWEEN PEACE SUSTAINABILITY AND CLIMATE SECURITY USING SEMI QUALITATIVE AND QUANTITATIVE TOOLS EXPLAINS HOW CLIMATE ADAPTATION AND MITIGATION ARE RELATED TO PEACE OR CONFLICT PRESENTS GENERIC SYSTEM DYNAMICS MODELING THAT CAN BE USED IN DIFFERENT CONTEXTS

CLIMATE CHANGE AND ENERGY DYNAMICS IN THE MIDDLE EAST 2019-03-28

THE THREE VOLUME SET LNCS 3496 3497 3498 CONSTITUTES THE REFEREED PROCEEDINGS OF THE SECOND INTERNATIONAL SYMPOSIUM ON NEURAL NETWORKS ISSN 2005 HELD IN CHONGQING CHINA IN MAY JUNE 2005 THE 483 REVISED PAPERS PRESENTED WERE CAREFULLY REVIEWED AND SELECTED FROM 1 425 SUBMISSIONS THE PAPERS ARE ORGANIZED IN TOPICAL SECTIONS ON THEORETICAL ANALYSIS MODEL DESIGN LEARNING METHODS OPTIMIZATION METHODS KERNEL METHODS COMPONENT ANALYSIS PATTERN ANALYSIS SYSTEMS MODELING SIGNAL PROCESSING IMAGE PROCESSING FINANCIAL ANALYSIS CONTROL SYSTEMS ROBOTIC SYSTEMS TELECOMMUNICATION NETWORKS INCIDENCE DETECTION FAULT DIAGNOSIS POWER SYSTEMS BIOMEDICAL APPLICATIONS INDUSTRIAL APPLICATIONS AND OTHER APPLICATIONS

EXPERIMENTAL PHYCOLOGY 1988-02-26

THIS BOOK PURSUES A NONLINEAR APPROACH IN CONSIDERING BOTH CHAOTIC DYNAMICAL MODELS AND AGENT BASED SIMULATION MODELS OF ECONOMICS AS WELL AS THEIR DYNAMICAL BEHAVIORS THREE KEY CONCEPTS ARISING IN THIS CONTEXT ARE NONLINEARITY BOUNDED RATIONALITY AND HETEROGENEITY WHICH ALSO MAKE UP THE TITLE OF THE BOOK NONLINEARITY IS THE WARP THAT RUNS THROUGHOUT ALL MODELS BECAUSE SYSTEMS THAT EXHIBIT CHAOTIC OR OTHER COMPLEX BEHAVIOR IN THE ABSENCE OF ANY EXOGENOUS DISTURBANCES ARE ABSOLUTELY NONLINEAR BOUNDED RATIONALITY CONSTITUTES THE WOOF BECAUSE

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