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AFRICA AND THE DISRUPTIONS OF THE TWENTY-FIRST CENTURY PAUL ZELEZA

2021-02-19 THIS COLLECTION OF ESSAYS INTERROGATES THE REPOSITIONING OF AFRICA AND ITS DIASPORAS IN THE UNFOLDING DISRUPTIVE TRANSFORMATIONS OF THE EARLY TWENTY-FIRST CENTURY. IT IS DIVIDED INTO FIVE PARTS FOCUSING ON AMERICA'S RACIAL DYSFUNCTIONS, NAVIGATING GLOBAL TURBULENCE, AFRICA'S POLITICAL DRAMAS, THE CONTINENT'S PERSISTENT MYTHOLOGISATION AND DISRUPTIONS IN HIGHER EDUCATION. IT CLOSES WITH TRIBUTES TO TWO TOWERING AFRICAN PUBLIC INTELLECTUALS, ALI MAZRUI AND THANDIKA MKANDAWIRE, WHO HAVE SINCE JOINED THE ANCESTORS.

PROCEEDINGS OF THE 5TH INTERNATIONAL CONFERENCE ON SUSTAINABLE CIVIL ENGINEERING STRUCTURES AND CONSTRUCTION MATERIALS SHEILA BELAYUTHAM

ADVANCES IN MANAGING ENERGY AND CLIMATE RISKS STÉPHANE GOUTTE 2021-04-21

THIS BOOK PRESENTS RESEARCH RELATED TO ENERGY AND ENVIRONMENTAL TECHNOLOGIES IN THE CONTEXT OF MARKET LIBERALIZATION AND GLOBAL WARMING. IT FOCUSES ON THE DEVELOPMENT AND EFFICIENT USE OF ALTERNATIVE ENERGY SOURCES, IMPLEMENTATION OF SUSTAINABLE ENERGY POLICIES, POWER GENERATION, AND ENERGY FINANCE. ADVANCES IN MANAGING ENERGY AND CLIMATE RISKS PROVIDES READERS WITH THE NECESSARY INFORMATION TO USE ENERGY SOURCES MORE EFFICIENTLY, DISCOVER CLEANER ENERGY SOURCES AND THEIR APPLICATIONS, AND URGE CONSUMERS AND PRODUCERS TO MAKE CHANGES TO REACH A CARBON-NEUTRAL ECONOMY THROUGH FINANCIAL, TECHNOLOGICAL, REGULATORY AND TAX INCENTIVES.

SIGNAL AND INFORMATION PROCESSING, NETWORKING AND COMPUTERS YUE WANG

2020-12-17 THIS BOOK COLLECTS SELECTED PAPERS FROM THE 7TH CONFERENCE ON SIGNAL AND INFORMATION PROCESSING, NETWORKING AND COMPUTERS HELD IN RIZHAO, CHINA, ON SEPTEMBER, 2020. THE 7TH INTERNATIONAL CONFERENCE ON SIGNAL AND INFORMATION PROCESSING, NETWORKING AND COMPUTERS (ICSINC) WAS HELD IN RIZHAO, CHINA, ON SEPTEMBER, 2020.

GEOPARTICIPATORY SPATIAL TOOLS JIRI PANEK 2022-07-20 THE BOOK EXPLORES THE KEY FACTORS AFFECTING THE SUCCESSFUL IMPLEMENTATION OF PUBLIC PARTICIPATION SPATIAL SYSTEMS IN PARTICIPATORY PLANNING AS PART OF THE URBAN GOVERNANCE SYSTEM. IT BRINGS INSIGHT FROM NATION-WIDE RESEARCH IN THE CZECH REPUBLIC AND THE IMPLICATIONS TO OTHER COUNTRIES IN THE REGION AND BEYOND. THE MAIN AIM OF THE PROPOSED BOOK IS TO ANALYSE THE STATE-OF-THE-ART OF USING GEOPARTICIPATORY TOOLS FOR CITIZENS' PARTICIPATION IN COMMUNITY DECISION-MAKING PROCESS AND TO SUGGEST THE EFFECTIVE IMPLEMENTATION OF THE GEOPARTICIPATORY TOOLS AVAILABLE IN URBAN GOVERNANCE. THIS BOOK EXPLORES THE SITUATION IN THE CZECH REPUBLIC AS A REPRESENTATIVE OF FOR EASTERN BLOC COUNTRY, THREE DECADES AFTER THE POLITICAL TRANSITION, ON ITS WAY TO PUBLIC PARTICIPATION IN LOCAL AND URBAN GOVERNANCE. THE ACTIVE INVOLVEMENT OF THE CITIZENS INTO THE LOCAL AND URBAN DECISION MAKING PROCESS VIA GEOPARTICIPATORY SPATIAL TOOLS IS BECOMING A POPULAR RESEARCH FIELD AMONG HUMAN GEOGRAPHERS, BEHAVIOURAL GEOGRAPHERS, GIS SCIENTISTS, ENVIRONMENTAL PSYCHOLOGISTS, POLICY SCIENTISTS AND MANY OTHERS SCIENTIFIC AREAS.

CREATING A GERIATRIC EMERGENCY DEPARTMENT JOHN SCHUMACHER 2021-12-31

AN ESSENTIAL, EXPERIENCE-BASED, PRACTICAL GUIDE FOR ANYONE LOOKING TO IMPROVE THE CARE OF OLDER PATIENTS IN THE EMERGENCY DEPARTMENT.

MANSIONS OF THE MOON: A LUNAR ZODIAC FOR ASTROLOGY AND MAGIC 2ND EDITION

WITH 2019-2033 MANSION EPHEMERIS CHRISTOPHER WARNOCK

UBUNTU LINUX BIBLE DAVID CLINTON 2020-10-19 THE BEST REFERENCE FOR UBUNTU LINUX UBUNTU LINUX IS A POPULAR, POWERFUL, AND VERSATILE OPERATING SYSTEM. NOW YOU CAN GET THE MOST OUT OF EVERYTHING UBUNTU LINUX HAS TO OFFER WITH THE UBUNTU LINUX BIBLE. THIS COMPLETE AND COMPREHENSIVE GUIDE INTRODUCES YOU TO UBUNTU AND SHOWS YOU HOW TO USE IT TO ITS FULLEST, WHETHER YOU'RE A TYPICAL DESKTOP USER OR A SYSTEM ADMINISTRATOR. YOU'LL LEARN TO DO EVERYTHING FROM READING EMAIL TO CONFIGURING WIRELESS NETWORKS. YOU'LL REAP HUGE REWARDS FROM THIS BOOK, REGARDLESS OF HOW MUCH PRIOR EXPERIENCE YOU HAVE WITH UBUNTU. GET STARTED WITH UBUNTU LINUX AND SEE WHAT'S IN THE NEWEST VERSION (20.04) LEARN HOW TO READ EMAILS, SURF THE WEB, AND CREATE AND PUBLISH DOCUMENTS TAKE ON SYSTEM ADMINISTRATION TASKS, LIKE CREATING AND MANAGING USERS AND ADDING NEW DISKS TO THE SYSTEM DISCOVER HOW TO USE UBUNTU LINUX IN AN ENTERPRISE OR PERSONAL ENVIRONMENT FIGURE OUT HOW TO SET UP UBUNTU LINUX SERVERS FOR THE WEB, EMAIL, SHARED PRINTING, AND MORE FIND OUT WHY UBUNTU LINUX IS THE MOST POPULAR LINUX OPERATING SYSTEM IN THE WORLD

BEGINNING SENSOR NETWORKS WITH XBEE, RASPBERRY PI, AND ARDUINO CHARLES BELL 2020-06-25 BUILD SENSOR NETWORKS WITH PYTHON AND MICROPYTHON USING XBEE RADIO MODULES, RASPBERRY PI, AND ARDUINO BOARDS. THIS REVISED AND UPDATED EDITION WILL PUT ALL OF THESE TOGETHER TO FORM A SENSOR NETWORK, AND SHOW YOU HOW TO TURN YOUR RASPBERRY PI INTO A MYSQL DATABASE SERVER TO STORE YOUR SENSOR DATA! YOU'LL REVIEW THE DIFFERENT TYPES OF SENSORS AND SENSOR NETWORKS, ALONG WITH NEW TECHNOLOGY, INCLUDING HOW TO BUILD A SIMPLE XBEE NETWORK. YOU'LL THEN WALK THROUGH BUILDING AN SENSOR NODES ON THE XBEE, RASPBERRY PI, AND ARDUINO, AND ALSO LEARN HOW TO COLLECT DATA FROM MULTIPLE SENSOR NODES. THE BOOK ALSO EXPLORES DIFFERENT WAYS TO STORE SENSOR DATA, INCLUDING WRITING TO AN SD CARD, SENDING DATA TO THE CLOUD, AND SETTING UP A RASPBERRY PI MYSQL SERVER TO HOST YOUR DATA. YOU'LL EVEN LEARN HOW TO CONNECT TO AND INTERACT WITH A MYSQL

DATABASE SERVER DIRECTLY FROM AN ARDUINO! FINALLY YOU'LL SEE HOW TO PUT IT ALL TOGETHER BY CONNECTING YOUR SENSOR NODES TO YOUR NEW RASPBERRY PI DATABASE SERVER. IF YOU WANT TO SEE HOW WELL XBEE, RASPBERRY PI, AND ARDUINO CAN GET ALONG, ESPECIALLY TO CREATE A SENSOR NETWORK, THEN BEGINNING SENSOR NETWORKS WITH XBEE, RASPBERRY PI, AND ARDUINO IS JUST THE BOOK YOU NEED. WHAT YOU'LL LEARN CODE YOUR SENSOR NODES WITH PYTHON AND MICROPYTHON WORK WITH NEW XBEE 3 MODULES HOST YOUR DATA ON RASPBERRY PI GET STARTED WITH MYSQL CREATE SOPHISTICATED SENSOR NETWORKS WHO THIS BOOK IS FOR THOSE INTERESTED IN BUILDING OR EXPERIMENTING WITH SENSOR NETWORKS AND IoT SOLUTIONS, INCLUDING THOSE WITH LITTLE OR NO PROGRAMMING EXPERIENCE. A SECONDARY TARGET INCLUDES READERS INTERESTED IN USING XBEE MODULES WITH RASPBERRY PI AND ARDUINO, THOSE INTERESTED IN CONTROLLING XBEE MODULES WITH MICROPYTHON.

ARTIFICIAL INTELLIGENCE AND HEURISTICS FOR SMART ENERGY EFFICIENCY IN SMART CITIES

MUSTAFA HATTI 2022 THIS BOOK EMPHASIZES THE ROLE OF MICRO-GRID SYSTEMS AND CONNECTED NETWORKS FOR THE STRATEGIC STORAGE OF ENERGY THROUGH THE USE OF INFORMATION AND COMMUNICATION TECHNIQUES, BIG DATA, THE CLOUD, AND META-HEURISTICS TO SUPPORT THE GREED FOR ARTIFICIAL INTELLIGENCE TECHNIQUES IN DATA AND THE IMPLEMENTATION OF GLOBAL STRATEGIES TO MEET THE CHALLENGES OF THE CITY IN THE BROAD SENSE. THE INTELLIGENT MANAGEMENT OF RENEWABLE ENERGY IN THE CONTEXT OF THE ENERGY TRANSITION REQUIRES THE USE OF TECHNIQUES AND TOOLS BASED ON ARTIFICIAL INTELLIGENCE (AI) TO OVERCOME THE CHALLENGES OF THE INTERMITTENCE OF RESOURCES AND THE COST OF ENERGY. THE ADVENT OF THE SMART CITY MAKES AN INCREASED CALL FOR THE INTEGRATION OF ARTIFICIAL INTELLIGENCE AND HEURISTICS TO MEET THE CHALLENGE OF THE INCREASING MIGRATION OF POPULATIONS TO THE CITY, IN ORDER TO ENSURE FOOD, ENERGY, AND ENVIRONMENTAL SECURITY OF THE CITIZEN OF THE CITY AND HIS WELL-BEING. THIS BOOK IS INTENDED FOR POLICYMAKERS, ACADEMICS, PRACTITIONERS, AND STUDENTS. SEVERAL REAL CASES ARE EXPOSED THROUGHOUT THE BOOK TO ILLUSTRATE THE CONCEPTS AND METHODS OF THE NETWORKS AND SYSTEMS PRESENTED. THIS BOOK PROPOSES THE DEVELOPMENT OF NEW TECHNOLOGICAL INNOVATIONS--MAINLY ICT--THE CONCEPT OF "SMART CITY" APPEARS AS A MEANS OF ACHIEVING MORE EFFICIENT AND SUSTAINABLE CITIES. THE OVERALL GOAL OF THE BOOK IS TO DEVELOP A COMPREHENSIVE FRAMEWORK TO HELP PUBLIC AND PRIVATE STAKEHOLDERS MAKE INFORMED DECISIONS ON SMART CITY INVESTMENT STRATEGIES AND DEVELOP SKILLS FOR ASSESSMENT AND PRIORITIZATION, INCLUDING RESOLUTION OF DIFFICULTIES WITH DEPLOYMENT AND REPRODUCIBILITY

ANNUAL REPORT ON EXCHANGE ARRANGEMENTS AND EXCHANGE RESTRICTIONS 2020

INTERNATIONAL MONETARY FUND. MONETARY AND CAPITAL MARKETS DEPARTMENT 2021-08-25 ANNUAL REPORT ON EXCHANGE ARRANGEMENTS AND EXCHANGE RESTRICTIONS 2020

THE CORONAVIRUS CRISIS AND CHALLENGES TO SOCIAL DEVELOPMENT MARIA DO CARMO DOS SANTOS GONÇALVES 2022-01-03 THIS BOOK IS A NOVEL CONTRIBUTION TO ACADEMIC DISCOURSES ON THE CORONAVIRUS (COVID-19) CRISIS AND HOW IT HAS IMPACTED SOCIETIES GLOBALLY. IT PROFFERS AN OVERVIEW ON THE SOCIAL DEVELOPMENT AND POLITICAL MEASURES, FROM BOTH THE GLOBAL NORTH AND GLOBAL SOUTH, TO PREVENT COVID-19'S SPREAD. IT ILLUMINATES MAJOR SOCIAL, POLITICAL AND ECONOMIC CHALLENGES THAT ALREADY EXISTED IN DIFFERENT CONTEXTS AND WHICH ARE ALSO CURRENTLY BEING AMPLIFIED BY COVID-19. CURIOUSLY, THIS GLOBAL PANDEMIC HAS OPENED SPACES FOR DIFFERENT ACTORS, ACROSS THE GLOBE, TO BEGIN TO FUNDAMENTALLY QUESTION AND CHALLENGE THE HEGEMONY OF THE GLOBAL NORTH, WHICH SOMETIMES IS EVIDENT IN SOCIAL WORK. LINKED TO THE FOREGOING AND WHILE REFLECTING BEYOND THE PANDEMIC AND INTO THE FUTURE, THE BOOK PROPOSES THAT SOCIAL WORK MUST BECOME MORE POLITICAL AT ALL LEVELS, AND STRIVE TO TRANSFORM SOCIETIES, GLOBAL SOCIAL DEVELOPMENT EFFORTS, AND ECONOMIC AND HEALTH SYSTEMS. THIS CONTRIBUTED VOLUME OF 38 CHAPTERS DISCUSSES AND ANALYSES ETHICAL, SOCIAL, SOCIOLOGICAL, SOCIAL WORK AND SOCIAL DEVELOPMENT ISSUES THAT COMPLEMENT AND ENRICH AVAILABLE LITERATURE IN THE SOCIO-POLITICAL, ECONOMICS, PUBLIC HEALTH, MEDICAL ETHICS AND POLITICAL SCIENCE. IT PROVIDES VARIOUS CASE STUDIES WHICH SHOULD ENABLE READERS TO GAIN INSIGHTS INTO HOW COUNTRIES HAVE RESPONDED TO THE PANDEMIC AND LEARN HOW COVID-19 NEGATIVELY IMPACTED COUNTRIES IN DIFFERENT PARTS OF THE WORLD. THIS BOOK ALSO PROVIDES A PLATFORM FOR THE ARTICULATION OF NEGLECTED AND MARGINALIZED VOICES, SUCH AS THOSE OF INDIGENOUS POPULATIONS, THE POOR, OR OPPRESSED. THE CHAPTERS ARE GROUPED ACCORDING TO THREE MAIN THEMES AS THEY RELATE TO RESEARCH ON THE COVID-19 PANDEMIC AND SOCIAL WORK IN AFRICA, ASIA, EUROPE, LATIN AMERICA AND NORTH AMERICA: ANALYSIS: SOCIAL ISSUES AND THE COVID-19 PANDEMIC STRATEGIES AND RESPONSES IN SOCIAL WORK: GLOBALLY AND LOCALLY OUTLOOK: LOOKING AHEAD BEYOND THE PANDEMIC INTENDED TO ENGAGE A GLOBAL, DIVERSE AND INTERDISCIPLINARY AUDIENCE, THE CORONAVIRUS CRISIS AND CHALLENGES TO SOCIAL DEVELOPMENT IS A TIMELY AND RELEVANT RESOURCE FOR ACADEMICS, STUDENTS AND RESEARCHERS IN INTER ALIA SOCIAL WORK, PHILOSOPHY, SOCIOLOGY, ECONOMICS, AND DEVELOPMENT STUDIES.

BOWLING ALONE: REVISED AND UPDATED ROBERT D. PUTNAM 2020-10-13 UPDATED TO INCLUDE A NEW CHAPTER ABOUT THE INFLUENCE OF SOCIAL MEDIA AND THE INTERNET--THE 20TH ANNIVERSARY EDITION OF BOWLING ALONE REMAINS A SEMINAL WORK OF SOCIAL ANALYSIS, AND ITS EXAMINATION OF WHAT HAPPENED TO OUR SENSE OF COMMUNITY REMAINS MORE RELEVANT THAN EVER IN TODAY'S FRACTURED AMERICA. TWENTY YEARS,

AGO, ROBERT D. PUTNAM MADE A SEEMINGLY SIMPLE OBSERVATION: ONCE WE BOWLED IN LEAGUES, USUALLY AFTER WORK; BUT NO LONGER. THIS SEEMINGLY SMALL PHENOMENON SYMBOLIZED A SIGNIFICANT SOCIAL CHANGE THAT BECAME THE BASIS OF THE ACCLAIMED BESTSELLER, *BOWLING ALONE*, WHICH THE WASHINGTON POST CALLED “A VERY IMPORTANT BOOK” AND PUTNAM, “THE DE TOCQUEVILLE OF OUR GENERATION.” *BOWLING ALONE* SURVEYED IN DETAIL AMERICANS’ CHANGING BEHAVIOR OVER THE DECADES, SHOWING HOW WE HAD BECOME INCREASINGLY DISCONNECTED FROM FAMILY, FRIENDS, NEIGHBORS, AND SOCIAL STRUCTURES, WHETHER IT’S WITH THE PTA, CHURCH, CLUBS, POLITICAL PARTIES, OR BOWLING LEAGUES. IN THE REVISED EDITION OF HIS CLASSIC WORK, PUTNAM SHOWS HOW OUR SHRINKING ACCESS TO THE “SOCIAL CAPITAL” THAT IS THE REWARD OF COMMUNAL ACTIVITY AND COMMUNITY SHARING STILL POSES A SERIOUS THREAT TO OUR CIVIC AND PERSONAL HEALTH, AND HOW THESE CONSEQUENCES HAVE A NEW RESONANCE FOR OUR DIVIDED COUNTRY TODAY. HE INCLUDES CRITICAL NEW MATERIAL ON THE PERVASIVE INFLUENCE OF SOCIAL MEDIA AND THE INTERNET, WHICH HAS INTRODUCED PREVIOUSLY UNTHINKABLE OPPORTUNITIES FOR SOCIAL CONNECTION—AS WELL AS UNPRECEDENTED LEVELS OF ALIENATION AND ISOLATION. AT THE TIME OF ITS PUBLICATION, PUTNAM’S THEN-GROUNDBREAKING WORK SHOWED HOW SOCIAL BONDS ARE THE MOST POWERFUL PREDICTOR OF LIFE SATISFACTION, AND HOW THE LOSS OF SOCIAL CAPITAL IS FELT IN CRITICAL WAYS, ACTING AS A STRONG PREDICTOR OF CRIME RATES AND OTHER MEASURES OF NEIGHBORHOOD QUALITY OF LIFE, AND AFFECTING OUR HEALTH IN OTHER WAYS. WHILE THE WAYS IN WHICH WE CONNECT, OR BECOME DISCONNECTED, HAVE CHANGED OVER THE DECADES, HIS CENTRAL ARGUMENT REMAINS AS POWERFUL AND URGENT AS EVER: MENDING OUR FRAYED SOCIAL CAPITAL IS KEY TO PRESERVING THE VERY FABRIC OF OUR SOCIETY.

MICROELECTRONICS, COMMUNICATION SYSTEMS, MACHINE LEARNING AND INTERNET OF THINGS VIJAY NATH 2022-07-11 THIS VOLUME PRESENTS PEER-REVIEWED PAPERS OF THE FIRST INTERNATIONAL CONFERENCE ON MICROELECTRONICS, COMMUNICATION SYSTEMS, MACHINE LEARNING, AND THE INTERNET OF THINGS (MCM-2020). THIS BOOK DISCUSSES RECENT TRENDS IN TECHNOLOGY AND ADVANCEMENT IN MICROELECTRONICS, NANO-ELECTRONICS, VLSI DESIGN, IC TECHNOLOGIES, WIRELESS COMMUNICATIONS, OPTICAL COMMUNICATIONS, SoC, ADVANCED INSTRUMENTATIONS, SIGNAL PROCESSING, INTERNET OF THINGS, MACHINE LEARNING, IMAGE PROCESSING, GREEN ENERGY, HYBRID VEHICLES, WEATHER FORECASTING, CLOUD COMPUTING, RENEWABLE ENERGY, CMOS SENSORS, ACTUATORS, RFID, TRANSDUCERS, REAL-TIME EMBEDDED SYSTEM, SENSOR NETWORK AND APPLICATIONS, EDA DESIGN TOOLS AND TECHNIQUES, FUZZY LOGIC & ARTIFICIAL INTELLIGENCE, HIGH-PERFORMANCE COMPUTER ARCHITECTURE, AI-BASED ROBOTICS & APPLICATIONS, BRAIN-COMPUTER INTERFACE, DEEP LEARNING, ADVANCED OPERATING SYSTEMS, SUPPLY CHAIN DEVELOPMENT & MONITORING, PHYSICAL SYSTEMS DESIGN, ICT APPLICATIONS, E-FARMING, INFORMATION SECURITY, ETC. IT INCLUDES ORIGINAL PAPERS BASED ON THEORETICAL, PRACTICAL, EXPERIMENTAL, SIMULATIONS, DEVELOPMENT, APPLICATION, MEASUREMENT, AND TESTING. THE APPLICATIONS AND SOLUTIONS DISCUSSED IN THE BOOK WILL SERVE AS GOOD REFERENCE MATERIAL FOR YOUNG SCHOLARS, RESEARCHERS, AND ACADEMICS.

UNCONVENTIONAL MONETARY POLICIES IN EMERGING MARKETS AND FRONTIER COUNTRIES

CHIARA FRATTO 2021-01-22 THE COVID-19 CRISIS INDUCED AN UNPRECEDENTED LAUNCH OF UNCONVENTIONAL MONETARY POLICY THROUGH ASSET PURCHASE PROGRAMS (APPS) BY EMERGING MARKET AND DEVELOPING ECONOMIES. THIS PAPER PRESENTS A NEW DATASET OF APP ANNOUNCEMENTS AND IMPLEMENTATION FROM MARCH UNTIL AUGUST 2020 FOR 27 EMERGING MARKETS AND 8 SMALL ADVANCED ECONOMIES. APPS’ EFFECTS ON BOND YIELDS, EXCHANGE RATES, EQUITIES, AND DEBT SPREADS ARE ESTIMATED USING DIFFERENT METHODOLOGIES. THE RESULTS CONFIRM THAT APPS WERE SUCCESSFUL IN SIGNIFICANTLY REDUCING BOND YIELDS IN EMDEs, AND THESE EFFECTS WERE STRONGER THAN THOSE OF POLICY RATE CUTS, SUGGESTING THAT SUCH UMP COULD BE IMPORTANT TOOLS FOR EMDEs DURING FINANCIAL MARKET STRESS.

SEASONS, EASTER AND ASTRONOMICAL MOTIONS

PIER PAOLO RICCI 2013-11 THIS BOOK, THE LAST OF THE SERIES DEDICATED TO THE SOLAR SYSTEM, INCLUDES VARIOUS ASPECTS OF DIFFERENT KINDS OF PLANETS DURING THEIR EVOLUTION OVER THE CENTURIES, LIKE THE SEASONS, THE LENGTH OF THE DAY, THE PRECESSION, THE ORBITAL ELEMENTS OF THE PLANETS, THE DATE OF EASTER AND MUCH MORE. A CHAPTER IS ALSO DEDICATED TO THE TRANSITS AND OCCULTATIONS VISIBLE TO THE OTHER PLANETS. THIS IS NOT A TECHNICAL AND DIFFICULT TO READ MANUAL, BUT A COMPLETE AND VERY DETAILED DESCRIPTION OF WHAT THE SKY GIVES US THROUGHOUT OUR LIVES, SO EACH TABLE IS READY FOR USE, AND EACH REPORTED EVENT WILL BE EASILY VISIBLE TO THE NAKED EYE OR POSSIBLY WITH A SIMPLE PAIR OF BINOCULARS. THE BOOK IS FOR STARGAZING ASTRONOMERS AND PROFESSIONALS. QUESTO LIBRO, L’ULTIMO DELLA SERIE DEDICATA AL SISTEMA SOLARE, INCLUDE VARI ASPETTI DI DIVERSA NATURA DEI PIANETI AFFRONTATI NELLA LORO EVOLUZIONE NEL CORSO DEI SECOLI, COME LE STAGIONI, LA DURATA DEL GIORNO, LA PRECESSIONE, GLI ELEMENTI ORBITALI DEI PIANETI, LA DATA DELLA PASQUA E TA

COMPUTATIONAL EPIDEMIOLOGY ELLEN KUHLE 2021-09-22 THIS INNOVATIVE TEXTBOOK BRINGS TOGETHER MODERN CONCEPTS IN MATHEMATICAL EPIDEMIOLOGY, COMPUTATIONAL MODELING, PHYSICS-BASED SIMULATION, DATA SCIENCE, AND MACHINE LEARNING TO UNDERSTAND ONE OF THE MOST SIGNIFICANT PROBLEMS OF OUR CURRENT TIME, THE OUTBREAK DYNAMICS AND OUTBREAK CONTROL OF COVID-19. IT TEACHES THE RELEVANT TOOLS TO MODEL AND SIMULATE NONLINEAR DYNAMIC SYSTEMS IN VIEW OF A GLOBAL PANDEMIC THAT IS ACUTELY RELEVANT TO HUMAN HEALTH. IF YOU ARE A STUDENT, EDUCATOR, BASIC SCIENTIST, OR MEDICAL RESEARCHER IN THE NATURAL OR SOCIAL SCIENCES, OR SOMEONE PASSIONATE ABOUT BIG DATA AND HUMAN HEALTH: THIS BOOK IS FOR YOU! IT SERVES AS A TEXTBOOK FOR UNDERGRADUATES AND GRADUATE STUDENTS, AND A MONOGRAPH FOR RESEARCHERS AND SCIENTISTS. IT CAN BE USED IN THE MATHEMATICAL LIFE SCIENCES SUITABLE FOR COURSES IN APPLIED MATHEMATICS, BIOMEDICAL ENGINEERING, BIostatISTICS, COMPUTER SCIENCE, DATA SCIENCE, EPIDEMIOLOGY, HEALTH SCIENCES, MACHINE LEARNING, MATHEMATICAL BIOLOGY, NUMERICAL METHODS, AND PROBABILISTIC PROGRAMMING. THIS BOOK IS A PERSONAL REFLECTION ON THE ROLE OF DATA-DRIVEN MODELING DURING THE COVID-19 PANDEMIC, MOTIVATED BY THE CURIOSITY TO UNDERSTAND IT.

INSIGHT TURKEY 2020/03 - TRANSFORMATION OF TURKEY’S DEFENSE INDUSTRY

2020-10-01 TURKEY’S CONTEMPORARY DEFENSE AND MILITARY STRATEGY CAN BE BEST UNDERSTOOD AS A RESULT OF THE HISTORICAL PROCESS THE COUNTRY HAS EXPERIENCED. THIS HISTORICAL PROCESS HAS SIGNIFICANTLY ALTERED THE SECURITY ENVIRONMENT SURROUNDING TURKEY WHILE TRANSFORMING HER ALLIANCE RELATIONS, ULTIMATELY

PRODUCING A NEW POLITICAL VISION FOR THE COUNTRY AND A DEFENSE AND MILITARY STRATEGY THAT SERVES THIS VISION. FIRSTLY, ALTHOUGH THE END OF THE COLD WAR AND THE ENSUING DISSOLUTION OF THE SOVIET UNION HAS AMELIORATED INTERNATIONAL SECURITY, TURKEY WAS FACED WITH BOTH CONVENTIONAL AND ASYMMETRIC THREATS ON MULTIPLE FRONTS. THIS SITUATION KEPT DEFENSE SPENDING OF THE COUNTRY AT RECORD LEVELS DESPITE MILITARY EXPENDITURES WITHIN NATO SHOWING A RAPID DECLINE. ON THE OTHER HAND, THE EMERGING POLITICAL GEOGRAPHY LED TO A SERIES OF NEW CONFLICTS ERUPTING IN SEVERAL HOTSPOTS, FROM THE BALKANS THROUGH TO THE CAUCASUS AND THE MIDDLE EAST. EMERGING CONFLICTS WERE THOUGHT TO REQUIRE A COMMON RESPONSE WHICH PRECIPITATED NATO’S EVOLUTION FROM A COLLECTIVE DEFENSE ORGANIZATION TO A COLLECTIVE SECURITY ORGANIZATION. CONCURRENTLY, IT MEANT THAT TURKEY WOULD ACTIVELY JOIN NATO’S NEW MISSIONS RANGING FROM THE PEACEFUL RESOLUTION OF DISPUTES TO STABILITY OPERATIONS WITH EXPEDITIONARY FORCES FEATURED BY MOBILITY, JOINTNESS, AND READINESS. SECONDLY, THE 9/11 TERRORIST ATTACKS AGAINST THE U.S. CREATED PROFOUND RAMIFICATIONS FOR TURKEY’S REGIONAL SECURITY AND HER ALLIANCE RELATIONS. IN PARTICULAR, THE AMERICAN MILITARY OCCUPATION OF IRAQ JEOPARDIZED TURKEY’S NATIONAL SECURITY BY EFFECTIVELY REMOVING THE POLITICAL AUTHORITY OF THAT COUNTRY AND DISMANTLING THE IRAQI ARMY. WHILE THE EMERGING POLITICAL VACUUM WAS FILLED BY SECTARIAN POLITICS, THE SCARCITY OF SECURITY WAS EXPLOITED BY THE PKK, CONSOLIDATING ITS PRESENCE IN NORTHERN IRAQI TERRITORIES. DIVIDED IRAQ HAS ALSO TRANSFORMED INTO A BREEDING GROUND FOR INTERNATIONAL TERRORISM WHICH RESULTED IN THE RISE OF VARIOUS EXTREMIST ARMED ORGANIZATIONS, INCLUDING ISIS. THIRDLY, SINCE THE SO-CALLED ARAB SPRING STARTED IN THE EARLY 2010s, THE POLITICAL AND SECURITY LANDSCAPE OF THE MIDDLE EAST AND NORTH AFRICA HAS UNDERGONE SIGNIFICANT CHANGES. WHILE THE OVERTHROW OF DICTATORS LED TO INTRA-STATE CONFLICTS IN SEVERAL PLACES, IT WAS PARTICULARLY THE CIVIL WAR IN SYRIA THAT ALARMED TURKISH DECISION-MAKERS DUE TO ITS TRANSFORMATION INTO A SAFE HAVEN FOR VARIOUS TERRORIST GROUPS OPERATING AT TURKEY’S SOUTHERN FRONTIERS. BEREFT OF CONCRETE ALLY SUPPORT, TURKEY UNILATERALLY LAUNCHED MILITARY OPERATIONS INTO NORTHERN SYRIA IN ORDER TO ELIMINATE ISIS ELEMENTS AS WELL AS CURBING THE LONG-TERM TERRITORIAL AMBITIONS OF THE PKK. THE ARAB SPRING HAS ALSO AGGRAVATED PREVIOUS TENSIONS AND ENGENDERED VARIOUS FACTIONS THAT FACILITATED NEW ALIGNMENTS WHICH IS THE CASE FOR TODAY’S EASTERN MEDITERRANEAN AND ARAB-ISRAELI RELATIONS. AGAINST THE BACKDROP OF THESE CONSIDERATIONS, TURKEY’S CONTEMPORARY DEFENSE AND MILITARY STRATEGY HAS BEEN FORMED. IN GENERAL, THIS STRATEGY LAYS DOWN THE PRINCIPLES OF USING MILITARY FORCE TO SUPPORT THE POLITICAL AIMS OF THE COUNTRY. IT OPERATES AS A “BRIDGE” BETWEEN POLICY AND OPERATION, IN A CLASSICAL SENSE. AND THAT STRATEGY IS NOW NOT JUST INFORMED BY PROTECTING THE TERRITORIAL INTEGRITY OF THE NATION BUT HAS WIDER OBJECTIVES, INCLUDING ENHANCING THE COUNTRY’S INTERNATIONAL STANDING AS WELL AS ACHIEVING STRATEGIC AUTONOMY. THIS IN TURN HAS NECESSITATED NEW TOOLS THAT EXTEND BEYOND A SOLE DETERRENT FORCE, NAMELY MILITARY ACTIVISM, AND DEFENSE INDUSTRY INVESTMENTS, ALONG WITH THE CONTRIBUTION TO INTERNATIONAL SECURITY AND COMMITMENTS TO THE NATO ALLIANCE. THE SUMMER ISSUE OF INSIGHT TURKEY AIMS TO EXPLAIN THE CHANGING DYNAMICS OF TURKEY’S MILITARY AND DEFENSE STRATEGY BY TAKING INTO CONSIDERATION CURRENT FOREIGN AND SECURITY POLICY PRACTICES OF TURKEY IN THE MIDDLE EAST AND NORTH AFRICA REGION. MORE SPECIFICALLY, THIS ISSUE IS AN ATTEMPT TO DEVELOP A NEW FRAMEWORK TO UNDERSTAND TURKEY’S REVOLUTION IN ITS MILITARY AND DEFENSE STRATEGIES. HULUSI AKAR, THE MINISTER OF NATIONAL DEFENSE OF TURKEY, IN HIS COMMENTARY SHEDS LIGHT ON THE GLOBAL AND REGIONAL DEVELOPMENTS THAT THREATEN TURKEY’S PEACE AND STABILITY AND WHICH CONTRIBUTED TO SHAPING ITS DEFENSE STRATEGY. A STRATEGY THAT TARGETS FINDING COMMON SOLUTIONS TO INTERNATIONAL PROBLEMS IN A COLLABORATIVE WAY. AKAR GIVES SPECIAL ATTENTION TO THE CONTRIBUTION OF THE DISTINGUISHED, DETERRENT, EFFICIENT, MOTIVATED, WELL-TRAINED, AND DISCIPLINED ARMED FORCES THAT ARE EQUIPPED WITH HIGH-LEVEL WEAPONRY PRODUCED DOMESTICALLY USING NATIONAL RESOURCES. WITHIN THE CONTEXT OF THE TURKISH DEFENSE INDUSTRY’S STRONG HISTORICAL BACKGROUND, [?] SMAIL DEMIR HIGHLIGHTS THE TRANSFORMATION AND RATIONALITY OF THE TURKISH DEFENSE INDUSTRY. HE EMPHASIZES THE NECESSITY OF ADDRESSING THE RECENT RISE OF THE TURKISH DEFENSE INDUSTRY IN TWO DIFFERENT BUT INTERRELATED PERIODS. THE FIRST PROVIDED THE DEFENSE INDUSTRY WITH STRONG SUPPORT WITH AN EXTREMELY DECISIVE AND LONG-TERM PROJECTION. THE SECOND REPRESENTS THE TRANSFORMATION OF THE EXPECTATIONS FROM THE DEFENSE INDUSTRY, IN COORDINATION WITH THE CHANGING POSITION AND FUNCTION OF THE DEFENSE INDUSTRY IN BUREAUCRATIC MECHANISMS. MICHA[?] L TANCHUM’S COMMENTARY IS A COHERENT AND RIGOROUS ANALYSIS OF THE LOGICAL RESULT OF TURKEY’S POST-COLD WAR STRATEGIC REORIENTATION, PRESENTED IN ITS NEW EXPEDITIONARY CAPABILITY OF ENHANCED NAVAL CAPACITY AND NEW FORWARD BASES. MICHA[?] L EXAMINES ANKARA’S CHALLENGE OF CALIBRATING THE USE OF ITS HARD POWER INSTRUMENTS TO SERVE ITS POST-LAUSANNE STRATEGIC ORIENTATION TOWARD ESTABLISHING TURKEY-CENTERED, INTER-REGIONAL CONNECTIVITY. IN THE MIDDLE OF THE COVID-19 GLOBAL PANDEMIC, MINISTER OF HEALTH OF THE REPUBLIC OF TURKEY, FAHRETTIN KOCA, UNDERSCORES THE ROLE OF TURKEY IN THE MANAGEMENT OF COVID-19. HIS COMMENTARY ASSERTS THAT TURKEY HAS SUCCESSFULLY CONTAINED THE COVID-19 PANDEMIC AND PREVENTED DEVASTATING CONSEQUENCES DUE TO ITS IDIOSYNCRATIC APPROACH TO THE CRISIS AND THE ROBUSTNESS OF ITS HEALTHCARE SYSTEM. AFTER 85 YEARS AS A MUSEUM, HAGIA SOPHIA WELCOMES MUSLIM WORSHIPPERS’, A DECISION THAT HAS DRAWN INTENSE CRITICISM IN TURKEY AND WORLDWIDE. HOWEVER, DEPUTY MINISTER OF FOREIGN AFFAIRS OF THE REPUBLIC OF TURKEY, YAVUZ SELIM K[?] RAN, ARGUES THAT THE FUNCTIONAL CHANGE OF HAGIA SOPHIA WILL NOT AFFECT TURKEY’S CENTURIES-OLD TRADITION OF PROMOTING TOLERANCE, HARMONY, AND DIVERSITY. THE FINAL OFF-TOPIC COMMENTARY OF THIS ISSUE UNDERLINES THE CHALLENGES TO PAKISTAN’S NUCLEAR THRESHOLD. MUHAMMAD HARIS BILAL MALIK AND MUHAMMAD ABBAS HASSAN EXPLAIN WHY PAKISTAN HAS BEEN FURTHER THREATENED BY INDIA’S AGGRESSIVE POLICIES AND PROVOCATIVE MILITARY MODERNIZATION. THE COMMENTARY CONCLUDES THAT PAKISTAN MAY BE COMPELLED TO FURTHER REVISIT ITS NUCLEAR THRESHOLD LEVEL TO OVERCOME INDIA’S AGGRESSION. BESIDES THE COMMENTARIES, THIS ISSUE COMPRISES FIVE ARTICLES THAT FOCUS ON THE TURKISH DEFENSE INDUSTRY PAST, PRESENT, AND FUTURE AND UNDERLINE THE FACTORS THAT LED TO ITS REMARKABLE EVOLUTION. THE FIRST ARTICLE BY

MURAT YEĞİLTİ PRESENTS A GENERAL FRAMEWORK OF TURKEY'S MILITARY AND DEFENSE STRATEGY. BY TAKING INTO ACCOUNT THE MAIN DRIVERS, PRIMARY OBJECTIVES, AND ESSENTIAL PILLARS, AS WELL AS ITS TANGIBLE REPERCUSSIONS ON THE MILITARY MINDSET, THE AUTHOR EXPLAINS HOW THE CHANGE IN TURKEY'S DEFENSE AND MILITARY STRATEGY STEMS BOTH FROM TURKEY'S CHANGING SECURITY LANDSCAPE AND ITS QUEST TO BE AN ASSERTIVE REGIONAL PLAYER. CAN KASAPOLU'S RESEARCH ARTICLE COVERS TWO INTERRELATED STRATEGIC TOPICS REGARDING TURKEY'S NATIONAL MILITARY CAPACITY IN THE 21ST CENTURY: ITS DEFENSE TECHNOLOGICAL AND INDUSTRIAL BASE AND ITS MILITARY POLICY, BOTH CURRENTLY CHARACTERIZED BY A BURGEONING ASSERTIVENESS. IN LIGHT OF THE RAPID ADVANCES IN TECHNOLOGY THAT ARE CONTINUALLY SHAPING DEVELOPMENTS IN THE AEROSPACE AND DEFENSE SECTOR, NOTABLY THE EVOLUTION OF AIRPOWER, ARDA MEVLİTOĞLU, PROVIDES US WITH AN UNDERSTANDING OF THE FEATURES OF THE NEXT GENERATION OF AIR WARFARE, WHILE PRESENTING THE STATUS OF THE TURKISH AIR FORCE AND OFFERING SUGGESTIONS ON SEVERAL CHALLENGES AND OPPORTUNITIES. AS A REPLY TO THE CRITICS THAT TURKEY IS CAUGHT BETWEEN A ROCK AND A HARD PLACE DUE TO THE ADAMANT OPPOSITION OF ITS NATO ALLIES, MUSTAFA KIBAROĞLU TRIES TO MAKE SENSE OF TURKEY'S S-400 CHOICE BY ASSESSING THE IMPACT OF THE S-400 DEAL ON TURKEY'S DEFENSE INDUSTRIES. ON ONE HAND, HE PRESENTS HIS CONCEPTION OF THE CURRENT "INTERNATIONAL POLITICAL NON-ORDER" AS AN UNDERLYING FACTOR BEHIND THE DEAL. ON THE OTHER, HE SUGGESTS THAT THE DEAL MUST BE APPROACHED FROM A WIDER PERSPECTIVE TO GRASP THE EXTENT OF THE SERVICE IT HAS DONE IN BOLSTERING TURKEY'S MILITARY-INDUSTRIAL COMPLEX. THE LAST ARTICLE RELATED TO THE MAIN THEME OF THIS ISSUE FOCUSES ON TURKEY'S DEFENSE SPENDING. MERVE SEREN ATTEMPTS TO SHOW THAT PRIORITIZATION OF DEFENSE SPENDING DURING THE AK PARTY ERA IS SPECIFICALLY THE OUTCOME OF A POLITICAL PREFERENCE. IN OTHER WORDS, THE SHIFT IN THE POLITICAL LANDSCAPE FROM IDEALISM TO REALISM, ASSOCIATED WITH PRAGMATISM. OUR INITIAL OFF-TOPIC ARTICLE HIGHLIGHTS HOW TRUMP'S PEACE PLAN OPTIMISTICALLY CALLED THE "DEAL OF THE CENTURY" ADOPTS THE ZIONIST DISCOURSE REGARDING AL-AQSA AND ITS EFFECTS ON UNDERMINING THE MUSLIM SOVEREIGNTY OVER THE MOSQUE, WHICH WILL BE A CLEAR VIOLATION OF THE INTERNATIONAL LAW AND STATUS QUO. KHALID EL-AWASI AND CUMA YAVUZ INVESTIGATE THE RESULTS OF THE IMPLEMENTATION OF TRUMP'S PLAN WHICH THEY ASSERT WILL LEAD TO THREE MAIN CHANGES THAT WOULD UNDO THE CENTURIES-OLD STATUS QUO OF MASJID AL-AQSA COMPLETELY AND GIVE ISRAEL FULL CONTROL OVER THIS IMPORTANT HISTORIC AND RELIGIOUS SITE. AHMAD ALSHWAWRA AND AHMAD ALMUHTADY'S OFF-TOPIC ARTICLE COMPLETES THE DOSSIER OF THIS ISSUE. THE AUTHORS EXAMINE THE POTENTIAL IMPLICATIONS OF JORDAN'S DECISION TO IMPORT MEDITERRANEAN GAS THROUGH ISRAEL ON JORDANIAN ENERGY SECURITY, WITH SPECIAL ATTENTION TO HOW THIS DECISION WILL IMPACT JORDANIAN FOREIGN POLICY REGARDING THE PALESTINIAN CAUSE. THROUGH A WIDE RANGE OF ARTICLES AND COMMENTARIES, THIS ISSUE AIMS TO BRING TO ITS READERS A COMPREHENSIVE FRAMEWORK ON THE TRANSFORMATION OF TURKEY'S DEFENSE INDUSTRY AND CHANGING PATTERNS OF ITS MILITARY STRATEGY.

REEDS EASTERN ALMANAC 2020 PERRIN TOWLER 2019-08-29 THE REEDS EASTERN ALMANAC COVERS THE UK EAST COAST FROM RAMSGATE TO CAPE WRATH INCLUDING THE SHETLAND AND ORKNEY ISLANDS, AND FROM NEWPORT TO DELFZIJL AND HELGOLAND. IT IS THE COMPLETE GUIDE FOR NORTH SEA MARINERS, OFFERING READY ACCESS TO ESSENTIAL NAVIGATION INFORMATION BY VIRTUE OF ITS CLEAR LAYOUT AND USER FRIENDLY FORMAT. COMPLETELY UPDATED FOR 2020, TOPICS INCLUDE SEAMANSHIP, PILOTAGE, TIDE TABLES, SAFETY PROCEDURES, NAVIGATION TIPS, RADIO, LIGHTS, WAYPOINTS, WEATHER FORECAST INFORMATION AROUND UK AND EUROPEAN WATERS, COMMUNICATIONS, MAYDAY AND DISTRESS PROCEDURES. THE SPIRAL BINDING ALLOWS THE ALMANAC TO BE OPENED FLAT ON THE CHART TABLE AND THE LARGE TYPE AND CLEAR LAYOUT MAKES INFORMATION EASY TO READ EVEN IN ADVERSE CONDITIONS. THIS HANDY VOLUME IS IDEAL FOR ANYONE CRUISING THE NORTH SEA. INCLUDES A FREE REEDS MARINA GUIDE. ALSO AVAILABLE: FREE SUPPLEMENTS OF UP-TO-DATE NAVIGATION CHANGES FROM JANUARY TO JUNE AT:

WWW.REEDSNAUTICALALMANAC.CO.UK 'THERE ARE SOME THINGS I WOULD NOT GO TO SEA WITHOUT - REEDS IS ONE OF THEM.' SIR CHAY BLYTH

VITAL STATISTICS OF THE UNITED STATES 2022 SHANA HERTZ HATTIS 2022-07-30 VITAL STATISTICS OF THE UNITED STATES: BIRTHS, LIFE EXPECTANCY, DEATHS, AND SELECTED HEALTH DATA BRINGS TOGETHER A COMPREHENSIVE COLLECTION OF BIRTH, MORTALITY, HEALTH, AND MARRIAGE AND DIVORCE DATA INTO A SINGLE VOLUME. IT PROVIDES A WEALTH OF INFORMATION COMPILED BY THE NATIONAL CENTER FOR HEALTH STATISTICS AND OTHER GOVERNMENT AGENCIES. VITAL STATISTICS CONTAINS OVER 225 TABLES AND IS DIVIDED INTO FOUR PARTS: BIRTHS, MORTALITY, HEALTH, AND MARRIAGE AND DIVORCE. CHARTS AND GRAPHS, AVAILABLE AT APPLICABLE POINTS IN EACH CHAPTER, ILLUSTRATE SOME OF THE MOST VITAL TRENDS IN THE DATA. IN ADDITION, UPDATED DEFINITIONS REFLECT THE LATEST FEDERAL PARAMETERS FOR INFORMATION ABOUT BIRTHS, MORTALITY, HEALTH, AND MARRIAGES. NEW COVID-19 DATA IS WOVEN INTO EACH SECTION WHERE APPROPRIATE. SOME OF THE NEW TABLES INCLUDE DATA ON PREGNANT WOMEN WITH COVID-19, HISTORICAL DAILY CASE TRENDS, AND DEMOGRAPHIC CHARACTERISTICS OF PEOPLE RECEIVING THE VACCINE.

A PRESIDENT'S DAILY BRIEF: YEARS 1-4 MICAH FISHER-KIRSHNER

WHAT WAS DAILY LIFE UNDER THE TRUMP PRESIDENCY REALLY LIKE?

AN ACCESSIBLE EBOOK WITH SHORT, THEMATIC ENTRIES SHOWING THE CORRUPTION OF THE ENTIRE TRUMP PRESIDENCY, *A PRESIDENT'S DAILY BRIEF, YEAR 1-4: THE DAY-BY-DAY LURCH OF TRUMP'S NORM-BREAKING PRESIDENCY* IS THE FULL VOLUME OF MICAH FISHER-KIRSHNER'S SERIES, REPRESENTING THE FOUR YEARS OF TRUMP'S TIME IN POWER AND THE SUBVERSION THAT OCCURRED. MORE THAN A COMPILED LIST OF SIGNIFICANT EVENTS THAT PORTRAY TRUMP AS THE MOST CORRUPT AMERICAN PRESIDENT, THIS DIGESTIBLE AND SCANNABLE READ OF IN-THE-MOMENT POSTS PULLED FROM NEWS OUTLETS AND CREDIBLE SOURCES PROVIDES AN INTIMATE LOOK AT HOW THE ADMINISTRATION WENT ABOUT BREAKING THE PRESIDENTIAL NORMS ON A DAILY BASIS. READERS ALSO WILL HAVE ACCESS TO CITATIONS TO FACT-CHECK CLAIMS.

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POLITICS, AND GOVERNMENT OR SIMPLY WANT TO READ ABOUT THE MOST NOTORIOUS PRESIDENCY IN HISTORY.

THE DIGITAL TRANSFORMER'S DILEMMA KAROLIN FRANKENBERGER 2020-09-14 BRING YOUR COMPANY INTO THE DIGITAL ERA WITHOUT COMPROMISING YOUR CORE BUSINESS IN THE DIGITAL TRANSFORMER'S DILEMMA: HOW TO ENERGIZE YOUR CORE BUSINESS WHILE BUILDING DISRUPTIVE PRODUCTS AND SERVICES, THE AUTHORS SHOW COMPANIES HOW TO GO DIGITAL WHILE ALSO ADVANCING THEIR CORE BUSINESS. THE BOOK EMPHASIZES HOW TO STRIKE A DIFFICULT BALANCE BETWEEN ESTABLISHING A NEW (DIGITAL) BUSINESS AND REVITALIZING - AND DIGITIZING - THE LEGACY BUSINESS. THE CORE OF THE BOOK IS FOCUSED ON THE ACTUAL IMPLEMENTATION OF THE DIGITAL TRANSFORMATION ACROSS BOTH BUSINESSES, PROVIDING CONCRETE TIPS, TRICKS, TOOLS AND ACTION PLANS ACROSS SIX KEY DIMENSIONS: CRAFTING A FLEXIBLE ORGANIZATION USING TECHNOLOGY AS A DRIVER DESIGNING THE NECESSARY PROCESSES BUILDING TRANSFORMATIONAL LEADERS "RIGHT-SKILLING" THE WORKFORCE OF THE FUTURE GALVANIZING CULTURAL CHANGE THE DIGITAL TRANSFORMER'S DILEMMA IS A VERY VISUAL BOOK, FILLED WITH DOZENS OF ENGAGING ILLUSTRATIONS THAT BRING THE CONTAINED CONCEPTS TO LIFE ON THE PAGE. BASED ON 100+ INTERVIEWS WITH SENIOR EXECUTIVES AT LEADING COMPANIES (SUCH AS NESTLÉ, NOVARTIS, VOLKSWAGEN, BNP PARIBAS, BASF AND MICHELIN) AND SMALLER HIDDEN CHAMPIONS, NUMEROUS ILLUMINATING CASE STUDIES, AND THE AUTHORS' OWN EXPERIENCE FROM WORKING IN INTERNATIONAL MANAGEMENT CONSULTING AND YEARS OF ACADEMIC EXPERIENCE, THE BOOK HIGHLIGHTS THE FUNDAMENTAL PRINCIPLES REQUIRED FOR EXECUTIVES AND BUSINESSPEOPLE TO TRANSFORM LEGACY ORGANIZATIONS INTO DIGITALLY EMPOWERED COMPANIES. COVID-19 - SOCIAL SCIENCE RESEARCH DURING A PANDEMIC PAUL RUSSELL WARD 2022-07-13

PRACTICAL LINUX FORENSICS BRUCE NIKKEL 2021-12-21 A RESOURCE TO HELP FORENSIC INVESTIGATORS LOCATE, ANALYZE, AND UNDERSTAND DIGITAL EVIDENCE FOUND ON MODERN LINUX SYSTEMS AFTER A CRIME, SECURITY INCIDENT OR CYBER ATTACK. PRACTICAL LINUX FORENSICS DIVES INTO THE TECHNICAL DETAILS OF ANALYZING POSTMORTEM FORENSIC IMAGES OF LINUX SYSTEMS WHICH HAVE BEEN MISUSED, ABUSED, OR THE TARGET OF MALICIOUS ATTACKS. IT HELPS FORENSIC INVESTIGATORS LOCATE AND ANALYZE DIGITAL EVIDENCE FOUND ON LINUX DESKTOPS, SERVERS, AND IOT DEVICES. THROUGHOUT THE BOOK, YOU LEARN HOW TO IDENTIFY DIGITAL ARTIFACTS WHICH MAY BE OF INTEREST TO AN INVESTIGATION, DRAW LOGICAL CONCLUSIONS, AND RECONSTRUCT PAST ACTIVITY FROM INCIDENTS. YOU'LL LEARN HOW LINUX WORKS FROM A DIGITAL FORENSICS AND INVESTIGATION PERSPECTIVE, AND HOW TO INTERPRET EVIDENCE FROM LINUX ENVIRONMENTS. THE TECHNIQUES SHOWN ARE INTENDED TO BE INDEPENDENT OF THE FORENSIC ANALYSIS PLATFORMS AND TOOLS USED. LEARN HOW TO: EXTRACT EVIDENCE FROM STORAGE DEVICES AND ANALYZE PARTITION TABLES, VOLUME MANAGERS, POPULAR LINUX FILESYSTEMS (EXT4, BTRFS, AND XFS), AND ENCRYPTION INVESTIGATE EVIDENCE FROM LINUX LOGS, INCLUDING TRADITIONAL SYSLOG, THE SYSTEMD JOURNAL, KERNEL AND AUDIT LOGS, AND LOGS FROM DAEMONS AND APPLICATIONS RECONSTRUCT THE LINUX STARTUP PROCESS, FROM BOOT LOADERS (UEFI AND GRUB) AND KERNEL INITIALIZATION, TO SYSTEMD UNIT FILES AND TARGETS LEADING UP TO A GRAPHICAL LOGIN PERFORM ANALYSIS OF POWER, TEMPERATURE, AND THE PHYSICAL ENVIRONMENT OF A LINUX MACHINE, AND FIND EVIDENCE OF SLEEP, HIBERNATION, SHUTDOWNS, REBOOTS, AND CRASHES EXAMINE INSTALLED SOFTWARE, INCLUDING DISTRO INSTALLERS, PACKAGE FORMATS, AND PACKAGE MANAGEMENT SYSTEMS FROM DEBIAN, FEDORA, SUSE, ARCH, AND OTHER DISTROS PERFORM ANALYSIS OF TIME AND LOCALE SETTINGS, INTERNATIONALIZATION INCLUDING LANGUAGE AND KEYBOARD SETTINGS, AND GEOLOCATION ON A LINUX SYSTEM RECONSTRUCT USER LOGIN SESSIONS (SHELL, X11 AND WAYLAND), DESKTOPS (GNOME, KDE, AND OTHERS) AND ANALYZE KEYSRINGS, WALLETS, TRASH CANS, CLIPBOARDS, THUMBNAILS, RECENT FILES AND OTHER DESKTOP ARTIFACTS ANALYZE NETWORK CONFIGURATION, INCLUDING INTERFACES, ADDRESSES, NETWORK MANAGERS, DNS, WIRELESS ARTIFACTS (WI-FI, BLUETOOTH, WWAN), VPNs (INCLUDING WIREGUARD), FIREWALLS, AND PROXY SETTINGS IDENTIFY TRACES OF ATTACHED PERIPHERAL DEVICES (PCI, USB, THUNDERBOLT, BLUETOOTH) INCLUDING EXTERNAL STORAGE, CAMERAS, AND MOBILES, AND RECONSTRUCT PRINTING AND SCANNING ACTIVITY **GEOPOLITICAL RISK, SUSTAINABILITY AND "CROSS-BORDER SPILLOVERS" IN EMERGING MARKETS, VOLUME II** MICHAEL I. C. NWOGUGU

PYTHON FOR ALGORITHMIC TRADING YVES HILPISCH 2020-11-12 ALGORITHMIC TRADING, ONCE THE EXCLUSIVE DOMAIN OF INSTITUTIONAL PLAYERS, IS NOW OPEN TO SMALL ORGANIZATIONS AND INDIVIDUAL TRADERS USING ONLINE PLATFORMS. THE TOOL OF CHOICE FOR MANY TRADERS TODAY IS PYTHON AND ITS ECOSYSTEM OF POWERFUL PACKAGES. IN THIS PRACTICAL BOOK, AUTHOR YVES HILPISCH SHOWS STUDENTS, ACADEMICS, AND PRACTITIONERS HOW TO USE PYTHON IN THE FASCINATING FIELD OF ALGORITHMIC TRADING. YOU'LL LEARN SEVERAL WAYS TO APPLY PYTHON TO DIFFERENT ASPECTS OF ALGORITHMIC TRADING, SUCH AS BACKTESTING TRADING STRATEGIES AND INTERACTING WITH ONLINE TRADING PLATFORMS. SOME OF THE BIGGEST BUY- AND SELL-SIDE INSTITUTIONS MAKE HEAVY USE OF PYTHON. BY EXPLORING OPTIONS FOR SYSTEMATICALLY BUILDING AND DEPLOYING AUTOMATED ALGORITHMIC TRADING STRATEGIES, THIS BOOK WILL HELP YOU LEVEL THE PLAYING FIELD. SET UP A PROPER PYTHON ENVIRONMENT FOR ALGORITHMIC TRADING LEARN HOW TO RETRIEVE FINANCIAL DATA FROM PUBLIC AND PROPRIETARY DATA SOURCES EXPLORE VECTORIZATION FOR FINANCIAL ANALYTICS WITH NUMPY AND PANDAS MASTER VECTORIZED BACKTESTING OF DIFFERENT ALGORITHMIC TRADING STRATEGIES GENERATE MARKET PREDICTIONS BY USING MACHINE LEARNING AND DEEP LEARNING TACKLE REAL-TIME PROCESSING OF STREAMING DATA WITH SOCKET PROGRAMMING TOOLS IMPLEMENT AUTOMATED ALGORITHMIC TRADING STRATEGIES WITH THE OANDA AND FXCM TRADING PLATFORMS **AGRICULTURAL POLICY MONITORING AND EVALUATION 2020** OECD 2020-06-30

THIS ANNUAL REPORT MONITORS AND EVALUATES AGRICULTURAL POLICIES SPANNING ALL SIX CONTINENTS, INCLUDING THE 36 OECD COUNTRIES, THE FIVE NON-OECD EU MEMBER STATES, AND 13 EMERGING ECONOMIES.

ADVANCED CONTROLS FOR INTELLIGENT BUILDINGS SIDDHARTH GOYAL 2021-07-04 THIS BOOK FOCUSES PRIMARILY ON BOTH TECHNICAL AND BUSINESS ASPECTS NEEDED TO SELECT, DESIGN, DEVELOP AND DEPLOY CONTROL APPLICATION (OR PRODUCT) SUCCESSFULLY FOR MULTIPLE COMPONENTS IN BUILDING SYSTEMS. DESIGNING AND DEPLOYING A CONTROL APPLICATION REQUIRE MULTIPLE STEPS SUCH AS SENSING, SYSTEM DYNAMICS MODELLING, ALGORITHMS, AND TESTING. THIS MAY INVOLVE CHOOSING AN APPROPRIATE METHODOLOGY

AND TECHNIQUE AT MULTIPLE STAGES DURING THE DEVELOPMENT PROCESS. UNDERSTANDING THE PROS AND CONS OF SUCH TECHNIQUES, MOST IMPORTANTLY BEING AWARE OF PRACTICALLY POSSIBLE APPROACHES IN THE ENTIRE ECOSYSTEM, IS CRITICAL IN CHOOSING THE BEST FRAMEWORK AND SYSTEM APPLICATION FOR DIFFERENT PARTS OF BUILDING SYSTEMS. PROVIDING A WIDE OVERVIEW OF THE STATE-OF ART IN CONTROLS AND BUILDING SYSTEMS, PROVIDING GUIDANCE ON DEVELOPING AN END-TO-END SYSTEM IN RELATION TO BUSINESS FUNDAMENTALS (DISTRIBUTION CHANNELS, STAKEHOLDERS, MARKETING, SUPPLY-CHAIN AND FINANCIAL MANAGEMENT), THE BOOK IS IDEAL FOR FOURTH-YEAR CONTROL/MECHANICAL/ELECTRICAL ENGINEERING UNDERGRADUATES, GRADUATE STUDENTS, AND PRACTITIONERS INCLUDING BUSINESS LEADERS CONCERNED WITH SMART BUILDING TECHNOLOGY.

AIRBORNE MATT MARGOLIS 2020-07-08 STARTING WITH THE RUSSIAN COLLUSION HOAX, THE MEDIA NEVER RELENTED IN THEIR ATTEMPTS TO UNDERMINE DONALD TRUMP'S PRESIDENCY. WHEN THE BOGUS IMPEACHMENT ENDED WITH TRUMP'S ACQUITTAL, THEY NEEDED A NEW "SCANDAL" TO HANG OVER HIS HEAD. AFTER LARGELY IGNORING THE CORONAVIRUS OUTBREAK, THE MEDIA MADE IT THEIR HAIL MARY ATTEMPT TO SABOTAGE PRESIDENT TRUMP. THEY CLAIMED TRUMP'S TRAVEL BAN WITH CHINA WAS RACIST, XENOPHOBIC, AND UNNECESSARY—THEN LATER BLAMED HIM FOR NOT IMPLEMENTING IT SOONER. THEY FALSELY CLAIMED TRUMP CALLED THE CORONAVIRUS A HOAX. THEY CONCOCTED A PHONY TIMELINE TO "PROVE" HIS RESPONSE TO THE PANDEMIC WAS SLOW. THEY DECEPTIVELY EDITED TRUMP'S WORDS TO CREATE AN IMPRESSION THAT HE WAS CRAZY OR STUPID. THEY EVEN BLAMED HIM FOR THE DEATH OF A MAN WHOSE WIFE GAVE HIM FISH TANK CLEANER. IN AIRBORNE: HOW THE LIBERAL MEDIA WEAPONIZED THE CORONAVIRUS AGAINST DONALD TRUMP, MATT MARGOLIS EXPOSES AND DEBUNKS THESE LIES AND FAKE NARRATIVES REPORTED BY THE MEDIA IN THEIR DESPERATE ATTEMPT TO THWART TRUMP'S REELECTION.

APPLICATIONS OF MACHINE INTELLIGENCE IN ENGINEERING JYOTSNA KUMAR MANDAL 2022-04-22 THE GLOBAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND APPLICATIONS (GCAIA 2021) PROVIDES A PROMINENT VENUE FOR RESEARCHERS, ENGINEERS, ENTREPRENEURS, AND SCHOLAR STUDENTS TO SHARE THEIR RESEARCH IDEAS IN THE AREA OF AI. ACADEMIC RESEARCHERS WOULD REVEAL THE RESULTS AND CONCLUSIONS OF LABORATORY BASED INVESTIGATIONS VIA THE GCAIA 21 PLATFORM, WHICH BRIDGES THE GAP BETWEEN ACADEMIA, INDUSTRY, AND GOVERNMENT ETHICS. THE GCAIA 21 PLATFORM WILL ALSO BRING TOGETHER REGIONAL AND WORLDWIDE ISSUES TO EXPLORE CURRENT ADVANCEMENTS IN CONTEMPORARY COMPUTATION INTELLIGENCE. THIS CONFERENCE PROCEEDINGS VOLUME CONTAINS THE WRITTEN VERSIONS OF MOST OF THE CONTRIBUTIONS PRESENTED DURING THE CONFERENCE OF GCAIA 2021. THE CONFERENCE HAS PROVIDED AN EXCELLENT CHANCE FOR RESEARCHERS FROM DIVERSE LOCATIONS TO PRESENT AND DEBATE THEIR WORK IN THE FIELD OF ARTIFICIAL INTELLIGENCE AND ITS APPLICATIONS. IT INCLUDES A SELECTION OF 62 PAPERS. ALL ACCEPTED PAPERS WERE SUBJECTED TO STRICT PEER-REVIEW BY 2-4 EXPERT REFEREES. THE PAPERS HAVE BEEN SELECTED FOR THIS VOLUME BECAUSE OF THEIR QUALITY AND THEIR RELEVANCE TO THE THEME OF THE CONFERENCE.

COUNTING THE COST OF COVID-19 ON THE GLOBAL TOURISM INDUSTRY GODWELL NHAMO 2020-09-19 THIS BOOK PROFILES PRELIMINARY FINDINGS ON THE IMPACT OF COVID-19 ON THE TRAVEL, TOURISM AND HOSPITALITY SECTOR. STARTING WITH A NARRATIVE RELATING COVID-19 TO THE GLOBAL DEVELOPMENT AGENDAS, THE BOOK PROCEEDS WITH A FOCUS ON GLOBAL TOURISM VALUE CHAINS AND LINKAGES BETWEEN COVID-19 AND THE SUSTAINABLE DEVELOPMENT GOALS (SDGs). OTHER PERSPECTIVES ADDRESSED IN SEPARATE CHAPTERS INCLUDE IMPACTS OF COVID-19 ON VARIOUS INDUSTRIES WITHIN THE GLOBAL TOURISM VALUE CHAIN INCLUDING AVIATION, AIRPORTS, CRUISE SHIPS, CAR RENTALS AS WELL AS RIDE AND SHARE CAR SERVICES, HOTELS, RESTAURANTS, SPORTING, PILGRIMAGE AND RELIGIOUS TOURISM, GAMING AND ENTERTAINMENT, AND THE STOCK MARKET. THE BOOK ALSO INCLUDES CHAPTERS ON CORPORATE, PHILANTHROPIC AND PUBLIC DONATIONS, AS WELL AS TOURISM ECONOMIC STIMULUS PACKAGES. IT THEN CONCLUDES WITH A CHAPTER FOCUSING ON BUILDING BACK A BETTER TOURISM SECTOR POST-COVID-19 THAT STRONGLY DRAWS FROM THE SENDAI FRAMEWORK ON DISASTER RISK REDUCTION (2015-2030) AND THE DISASTER CYCLE. TO THIS END, THIS BOOK IS SUITABLE AS A READ FOR SEVERAL PROFESSIONALS IN DISCIPLINES SUCH AS TOURISM AND HOSPITALITY STUDIES, ECONOMICS, SUSTAINABLE DEVELOPMENT, DEVELOPMENT STUDIES, ENVIRONMENTAL SCIENCES, GEOGRAPHY, POLITICS, PLANNING AND PUBLIC HEALTH.

A PRESIDENT'S DAILY BRIEF: YEAR 4 MICAH FISHER-KIRSHNER

WHAT WAS DAILY LIFE UNDER THE TRUMP PRESIDENCY REALLY LIKE?

AN ACCESSIBLE EBOOK WITH SHORT, THEMATIC ENTRIES SHOWING THE CORRUPTION OF THE TRUMP PRESIDENCY, *A PRESIDENT'S DAILY BRIEF, YEAR 4: THE DAY-BY-DAY LURCH OF TRUMP'S NORM-BREAKING PRESIDENCY* IS THE FOURTH IN MICAH FISHER-KIRSHNER'S SERIES, REPRESENTING THE FOURTH AND FINAL YEAR OF TRUMP'S TIME IN POWER AND THE SUBVERSION THAT OCCURRED. MORE THAN A COMPILED LIST OF SIGNIFICANT EVENTS THAT PORTRAY TRUMP AS THE MOST CORRUPT AMERICAN PRESIDENT, THIS DIGESTIBLE AND SCANNABLE READ OF IN-THE-MOMENT POSTS PULLED FROM NEWS OUTLETS AND CREDIBLE SOURCES PROVIDES AN INTIMATE LOOK AT HOW THE ADMINISTRATION WENT ABOUT BREAKING THE PRESIDENTIAL NORMS ON A DAILY BASIS. READERS ALSO WILL HAVE ACCESS TO CITATIONS TO FACT-CHECK CLAIMS.

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COMMUNICATION IN THE AGE OF THE COVID-19 PANDEMIC THERESA MACNEIL-KELLY 2021-09-15 COMMUNICATION IN THE AGE OF THE COVID-19 PANDEMIC CENTERS AROUND CHANGES IN COMMUNICATION AS A BYPRODUCT OF THE COVID-19 PANDEMIC. SPECIFIC CONTEXTS INCLUDE CHANGES IN OUR INTIMATE RELATIONSHIPS AND CHANGES IN HOW MEDIA OUTLETS COMMUNICATE TO AUDIENCES.

EFFECTIVE TRADING IN FINANCIAL MARKETS USING TECHNICAL ANALYSIS SMITA ROY TRIVEDI 2020-10-29 THIS BOOK PROVIDES A COMPREHENSIVE GUIDE TO EFFECTIVE

TRADING IN THE FINANCIAL MARKETS THROUGH THE APPLICATION OF TECHNICAL ANALYSIS THROUGH THE FOLLOWING: PRESENTING IN-DEPTH COVERAGE OF TECHNICAL ANALYSIS TOOLS (INCLUDING TRADE SET-UPS) AS WELL AS BACKTESTING AND ALGORITHMIC TRADING DISCUSSING ADVANCED CONCEPTS SUCH AS ELLIOTT WAVES, TIME CYCLES AND MOMENTUM, VOLUME, AND VOLATILITY INDICATORS FROM THE PERSPECTIVE OF THE GLOBAL MARKETS AND ESPECIALLY INDIA BLENDING PRACTICAL INSIGHTS AND RESEARCH UPDATES FOR PROFESSIONAL TRADING, INVESTMENTS, AND FINANCIAL MARKET ANALYSES INCLUDING DETAILED EXAMPLES, CASE STUDIES, COMPARISONS, FIGURES, AND ILLUSTRATIONS FROM DIFFERENT ASSET CLASSES AND MARKETS IN SIMPLE LANGUAGE THE BOOK WILL BE ESSENTIAL FOR SCHOLARS AND RESEARCHERS OF FINANCE, ECONOMICS AND MANAGEMENT STUDIES, AS WELL AS PROFESSIONAL TRADERS AND DEALERS IN FINANCIAL INSTITUTIONS (INCLUDING BANKS) AND CORPORATES, FUND MANAGERS, INVESTORS, AND ANYONE INTERESTED IN FINANCIAL MARKETS.

THE BIDEN DECEPTION GEORGE NEUMAYR 2020-09-15 A SOCIALIST IN SHEEP'S CLOTHING THAT'S WHAT JOE BIDEN IS. "ORDINARY JOE" BILLS HIMSELF AS A UNIFYING "MODERATE," BUT HE'S FAR MORE DANGEROUS THAN MANY REALIZE. IN FACT, HE'S ON BOARD WITH THE EXTREME LEFT ON EVERY VITAL ISSUE—FROM THE "GREEN NEW DEAL," TO TRAMPLING ON THE CONSTITUTIONAL RIGHTS OF GUN OWNERS AND CHRISTIANS, TO SOCIALIST SCHEMES THAT THREATEN TO TURN THE UNITED STATES INTO VENEZUELA. GEORGE NEUMAYR, A SAVVY AND SEASONED REPORTER, EXPOSES BIDEN'S RADICALISM AND PROVES—OFTEN WITH THE CANDIDATE'S OWN WORDS—WHY HIS PRESIDENCY WOULD BE A DISASTER FOR AMERICA. IN THE BIDEN DECEPTION, YOU'LL LEARN HOW AND WHY A BIDEN ADMINISTRATION WOULD: UNDERCUT LAW AND ORDER ERASE OUR NATIONAL BORDERS INSIST ON ABORTION ON DEMAND ACROSS THE COUNTRY REPEAL THE TRUMP TAX CUTS TREAT COMMUNIST CHINA AS AN ALLY RATHER THAN A DANGEROUS FOE PICK UP WHERE OBAMA LEFT OFF IN "REMAKING" AMERICA—BUT FAR MORE AGGRESSIVELY BE THE STEPPING-STONE TO POWER FOR AN EVEN MORE LEFTIST DEMOCRATIC PARTY THAT TAKES ITS CUE FROM "AOC AND THE SQUAD" ALL ELECTIONS ARE IMPORTANT, BUT 2020 WILL DETERMINE WHETHER THE U.S. BECOMES A SOCIALIST STATE—MODELED ON "LOCKDOWN AMERICA"—OR RENEWS ITS COMMITMENT TO FREEDOM AND CAPITALISM. READ THE BIDEN DECEPTION AND DON'T BE FOOLED.

NARRATING STANCE, MORALITY, AND POLITICAL IDENTITY LAUREN ZENTZ 2021-05-24 THIS BOOK OFFERS UNIQUE INSIGHTS INTO THE USE OF FACEBOOK AFTER THE 2016 US PRESIDENTIAL ELECTION, INTERROGATING HOW USERS IN PRIVATE GROUPS DRAW ON INDIVIDUAL EXPERIENCES IN MOVEMENT BUILDING AND IDENTITY CONSTRUCTION WHILE ALSO CRITICALLY REFLECTING ON ETHNOGRAPHIC PRACTICES AROUND SOCIAL MEDIA. THE VOLUME DRAWS ON THE AUTHOR'S OWN INVOLVEMENT IN A SPECIFIC FACEBOOK GROUP FOCUSED AROUND ACTIVISM AND COMMUNITY ORGANIZING IN TEXAS FOLLOWING THE 2016 US PRESIDENTIAL ELECTION. CHAPTERS DRAW ON THE FRAMEWORKS OF "SMALL STORIES" AND "STANCE" TO UNPACK THE WAYS IN WHICH GROUP MEMBERS USE PARTS OF THEIR INDIVIDUAL STORIES TO SIGNAL BELIEFS TO OTHERS, PRESENT THEMSELVES IN RELATION TO THE GROUP, AND SIGNAL VIRTUES OF MORAL AUTHORITY ON VARIOUS PRESSING POLITICAL ISSUES. BUILDING ON THESE ANALYSES, ZENTZ GOES ON TO ADDRESS WAYS IN WHICH THE SCALES OF POLITICS ARE BEING NAVIGATED AND MODIFIED AT THE GRASSROOTS LEVEL IN OUR HIGHLY NETWORKED WORLD. THIS BOOK CONTRIBUTES TO ONGOING CONVERSATIONS ABOUT THE REALITIES OF INTERNET USE WITHIN LINGUISTIC ANTHROPOLOGY AND NEW MEDIA STUDIES, AND HOW RESEARCHERS MIGHT SEEK TO ACCOUNT FOR SOCIAL MEDIA USE AND ACCESS TO THIS DATA AS THESE TECHNOLOGIES DEVELOP FURTHER. THIS BOOK IS KEY READING FOR STUDENTS AND SCHOLARS IN LINGUISTIC ANTHROPOLOGY, MEDIA STUDIES, AND ACTIVISM AND SOCIAL MOVEMENT STUDIES.

TRILLION DOLLAR TRIAGE NICK TIMIRAO 2022-03-01 THE INSIDE STORY, TOLD WITH "INSIGHT, PERSPECTIVE, AND STELLAR REPORTING," OF HOW AN UNASSUMING CIVIL SERVANT CREATED TRILLIONS OF DOLLARS FROM THIN AIR, COMBATED A PUBLIC HEALTH CRISIS, AND SAVED THE AMERICAN ECONOMY FROM A SECOND GREAT DEPRESSION (ALAN S. BLINDER, FORMER VICE CHAIR OF THE FEDERAL RESERVE). BY FEBRUARY 2020, THE U.S. ECONOMIC EXPANSION HAD BECOME THE LONGEST ON RECORD. UNEMPLOYMENT WAS PLUMBING HALF-CENTURY LOWS. STOCK MARKETS SOARED TO NEW HIGHS. ONE MONTH LATER, THE PUBLIC HEALTH BATTLE AGAINST A DEADLY VIRUS HAD PUSHED THE ECONOMY INTO THE EQUIVALENT OF A MEDICALLY INDUCED COMA. AMERICA'S WORKPLACES—OFFICES, SHOPS, MALLS, AND FACTORIES—SHUTTERED. MANY OF THE NATION'S LARGEST EMPLOYERS AND TENS OF THOUSANDS OF SMALL BUSINESSES FACED RUIN. OVER 22 MILLION AMERICAN JOBS WERE LOST. THE EXTREME UNCERTAINTY LED TO SOME OF THE LARGEST DAILY DROPS EVER IN THE STOCK MARKET. NICK TIMIRAO, THE WALL STREET JOURNAL'S CHIEF ECONOMICS CORRESPONDENT, DRAWS ON EXTENSIVE INTERVIEWS TO DETAIL THE TENSE MEETINGS, LATE NIGHT PHONE CALLS, AND CRUCIAL VIDEO CONFERENCES BEHIND THE LARGEST, SWIFTEST U.S. ECONOMIC POLICY RESPONSE SINCE WORLD WAR II. TRILLION DOLLAR TRIAGE GOES INSIDE THE FEDERAL RESERVE, ONE OF THE COUNTRY'S MOST IMPORTANT AND LEAST UNDERSTOOD INSTITUTIONS, TO CHRONICLE HOW ITS PLAINSPOKEN CHAIRMAN, JAY POWELL, UNLEASHED AN UNPRECEDENTED MONETARY BARRAGE TO KEEP THE ECONOMY ON LIFE SUPPORT. WITH THE BLEEDING STEMMED, THE FED FACED A NEW CHALLENGE: HOW TO NURTURE A RECOVERY WITHOUT UNLEASHING AN INFLATION-FUELED, BUBBLE-BLOWING MONEY BOMB? TRILLION DOLLAR TRIAGE IS THE DEFINITIVE, GRIPPING HISTORY OF A CREATIVE AND UNPRECEDENTED BATTLE TO SHIELD THE AMERICAN ECONOMY FROM THE TWIN THREATS OF A PUBLIC HEALTH DISASTER AND ECONOMIC CRISIS. ECONOMIC THEORY AND POLICY WILL NEVER BE THE SAME.

FACTS AND ANALYSIS: CANVASSING COVID-19 RESPONSES LINDA CHELAN LI 2021-03-01 IT IS IMPOSSIBLE TO REFLECT ON 2020 WITHOUT DISCUSSING COVID-19. THE TERM, LITERALLY MEANING CORONA- (CO) VIRUS (VI) DISEASE (D) OF 2019, HAS BECOME SYNONYMOUS WITH "THE VIRUS", "CORONA" AND "THE PANDEMIC". THE IMPACT OF THE VIRUS ON OUR LIVES IS UNPRECEDENTED IN MODERN HUMAN HISTORY, IN TERMS OF SCALE, DEPTH AND RESILIENCE. WHEN COMPARED TO OTHER EPIDEMICS THAT HAVE PLAGUED THE WORLD IN RECENT DECADES, COVID-19 IS OFTEN REFERRED TO AS BEING MUCH MORE "DEADLY" AND IS ASSOCIATED WITH ADVANCES IN TECHNOLOGY WHICH SCIENTISTS HAVE DESCRIBED AS "REVOLUTIONARY". FROM POLITICS TO ECONOMICS, SPANNING FAMILIES AND CONTINENTS, COVID-19 HAS UNSETTLED NORMS: CULTURAL CLASHES ARE INTENSIFIED, POLITICS ARE EVEN MORE POLARIZED, AND REGIONAL TENSIONS AND CONFLICTS ARE ON THE RISE. GLOBAL TRADE PATTERNS AND SUPPLY CHAINS ARE INCREASINGLY BEING QUESTIONED AND REDRAWN. THE WORLD IS BEING ATOMIZED, AND INDIVIDUALS ARE FORCED TO ACCEPT THE "NEW NORMAL" IN THEIR ROUTINES. IN AN ATTEMPT TO COMBAT THE VIRUS AND MINIMIZE ITS DETRIMENTAL EFFECTS, COUNTRIES HAVE UNDERTAKEN DIFFERENT PREVENTIVE STRATEGIES

AND CONTAINMENT POLICIES. SOME HAVE SUCCESSFULLY CURBED THE SPREAD OF COVID-19, WHILE MANY OTHERS REMAIN IN LIMBO, DOING THEIR BEST TO RESPOND TO OUTBREAKS IN CASES. TO GAIN A BETTER UNDERSTANDING OF HOW TO FIGHT COVID-19, IT IS IMPERATIVE TO EVALUATE THE SUCCESS AND FAILURES OF THESE APPROACHES. UNDER WHAT CONDITIONS IS AN APPROACH SUCCESSFUL? WHEN SHOULD IT BE AVOIDED? HOW CAN THIS INFORMATION BE USED TO AVOID FUTURE PANDEMICS? THIS VOLUME OFFERS INFORMATIVE COMPARATIVE CASE STUDIES THAT SHED LIGHT ON THESE KEY QUESTIONS. EACH COUNTRY CASE IS PERCEPTIVELY ANALYZED AND INCLUDES A DETAILED TIMELINE, ALLOWING READERS TO VIEW EACH RESPONSE WITH HINDSIGHT AND EXTRAPOLATE THE DATA TO BETTER UNDERSTAND WHAT THE FUTURE HOLDS. TAKEN AS A WHOLE, THIS COLLECTION OFFERS INVALUABLE INSIGHT AT THIS CRITICAL JUNCTURE IN THE COVID-19 PANDEMIC. "IN THE 'POST-TRUTH' ERA, SUCH CAREFUL DOCUMENTATION OF THE FACTS IS ESPECIALLY WELCOME." DR TANIA BURCHARDT ASSOCIATE PROFESSOR, DEPARTMENT OF SOCIAL POLICY LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE "THE END IS NOT YET IN SIGHT FOR THE PANDEMIC BUT IN THESE PAGES THE KEY FACTORS IN ITS DEVELOPMENT AND SOME POSSIBLE SOLUTIONS FOR THE FUTURE ARE LAID OUT IN WAYS THAT MAKE IT INDISPENSABLE READING." PROF DAVID S. G. GOODMAN PROFESSOR OF CHINA STUDIES AND FORMER VICE PRESIDENT, ACADEMIC XI'AN JIAOTONG-LIVERPOOL UNIVERSITY, SUZHOU "THIS BOOK IS AN IMPORTANT AND GROUNDBREAKING EFFORT BY SOCIAL SCIENTISTS TO UNDERSTAND ON HOW STATES HAVE BEEN MANAGING THE CRISIS." KEVIN HEWISON WELDON E. THORNTON DISTINGUISHED EMERITUS PROFESSOR UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL "THIS IS EXACTLY THE KIND OF RESEARCH THAT WILL CONTRIBUTE TO OUR FIGHT AGAINST COVID-19." TAK-WING NGO UNIVERSITY OF MACAU "A WELL-RESEARCHED BOOK ON COVID-19 HIGHLIGHTING THE VALUE OF THE METICULOUS FACT-BASED GROUNDWORK BY AN INTERNATIONAL TEAM." CARLSON TONG, GBS, JP FORMER CHAIRMAN, SECURITIES AND FUTURES COMMISSION, HONG KONG CHAIRMAN, UNIVERSITY GRANTS COMMITTEE, HONG KONG

CONTRIBUTIONS TO ON-BOARD NAVIGATION ON 1U CUBE SATS Wei, Sascha 2022-04-07 THIS THESIS INVESTIGATES THE USE OF GNSS RECEIVERS ON 1U CUBE SATS, USING THE EXAMPLE OF BEESAT-4 AND BEESAT-9. THE INTEGRATION OF SUCH A DEVICE ON SATELLITES ENABLES HIGHLY PRECISE TIME SYNCHRONIZATION, POSITION ACQUISITION AND ORBIT DETERMINATION AND PREDICTION THE APPLICATION FIELDS THAT DEPEND ON AN ACCURATE ATTITUDE CONTROL AND ORBIT DETERMINATION SYSTEM AND CAN ALSO BE PROCESSED BY CUBE SATS ARE HIGHLIGHTED. THEREFORE THE STATE OF THE ART OF GNSS RECEIVERS IS DESCRIBED, WHICH ARE SUITABLE FOR THE USE ON SATELLITES AND COULD BE INTEGRATED INTO 1U CUBE SATS. FURTHER ON IT IS INVESTIGATED WHICH SUBSYSTEMS OF A SMALL SATELLITE ARE PARTICULARLY AFFECTED AND WHAT THE SPECIAL CHALLENGES ARE TO REALIZE A PRECISE POSITIONING WITH A GNSS RECEIVER. IN ADDITION, SOME DEVELOPMENTS ARE PRESENTED THAT HAVE SIGNIFICANTLY INCREASED THE PERFORMANCE OF 1U CUBE SATS IN RECENT YEARS. THE SYSTEM CONCEPT OF BEESAT SATELLITES IS INTRODUCED AND THE EVOLUTION OF THE PAYLOAD BOARD INCLUDING THE USE OF THE LATEST SENSOR TECHNOLOGIES FOR ATTITUDE CONTROL IS DESCRIBED. IT IS SHOWN HOW THE VERIFICATION OF THE SATELLITE'S SUBSYSTEMS WAS PERFORMED ON THE GROUND, WITH THE FOCUS ON TESTING AND SIMULATING THE ATTITUDE CONTROL AND THE GNSS RECEIVER. THE NECESSARY INTEGRATION STEPS, THE CALIBRATION AND ENVIRONMENTAL TEST CAMPAIGN ARE DISCUSSED. BOTH SATELLITES WERE SUCCESSFULLY OPERATED AND THE RESULTS OF THE ON-ORBIT EXPERIMENTS ARE PRESENTED. IT IS SHOWN HOW A THREE-AXIS STABILIZED ATTITUDE CONTROL WAS FIRST VERIFIED ON BEESAT-4 AND THEN A GNSS RECEIVER WAS SUCCESSFULLY OPERATED ON BEESAT-9 FOR MORE THAN ONE YEAR. IN ADDITION, THE INTER-SATELLITE LINK BETWEEN BEESAT-4 AND BIROS WILL BE ANALYZED, SINCE IT IS ESSENTIAL FOR THE RELATIVE NAVIGATION OF SATELLITES. THE ACQUIRED NAVIGATION DATA WAS SENT TO THE GROUND AND THE IDENTIFICATION OF BEESAT-9 WAS CARRIED OUT USING THIS DATA. A QUALITATIVE ANALYSIS OF THE ORBITAL ELEMENTS (TLE) OF BEESAT-9 WAS PERFORMED SYSTEMATICALLY DUE TO A DAILY OPERATION OF THE GNSS RECEIVER. FURTHERMORE, IT WAS INVESTIGATED HOW A SMALL GNSS ANTENNA AFFECTS THE RECEIVED SIGNAL STRENGTH FROM GNSS SATELLITES AND WHETHER THIS ANTENNA OR ITS AMPLIFIER DEGRADES OVER TIME. ADDITIONALLY, AN ORBIT DETERMINATION AND PROPAGATION BASED ON THE NAVIGATION DATA COULD BE PERFORMED AND THE RESULTS ARE EVALUATED. THE ANALYZED QUESTIONS ALLOW A STATEMENT ABOUT THE CONTINUOUS USE OF GNSS RECEIVERS ON 1U CUBE SATS AND IF IT IS NECESSARY TO ACHIEVE THE MISSION OBJECTIVES. DIESE ARBEIT UNTERSUCHT DEN EINSATZ VON GNSS-EMPFÄNGERN AUF 1U

CUBE SATS AM BEISPIEL VON BEESAT-4 UND BEESAT-9. DAS INTEGRIEREN EINER SOLCHEN KOMPONENTE AUF SATELLITEN ERMÖGLICHT EINE HOCHGENAUE ZEITSYNCHRONISATION, POSITIONS- UND ORBITBESTIMMUNG SOWIE DEREN VORHERSAGE ES WERDEN DIE ANWENDUNGSFELDER BELEUCHTET, DIE AUF EIN AKKURATES LAGEREGLUNGS- UND ORBITBESTIMMUNGSSYSTEM ANGEWIESEN SIND UND AUßERDEM AUCH VON CUBE SATS BEARBEITET WERDEN KÖNNEN. DAZU WIRD DER STAND DER TECHNIK VON GNSS-EMPFÄNGERN BESCHRIEBEN, DIE FÜR DEN EINSATZ AUF SATELLITEN GEEIGNET SIND UND VON IHREN EIGENSCHAFTEN AUCH AUF 1U CUBE SATS INTEGRIERT WERDEN KÖNNEN. WEITERGEHEND WIRD UNTERSUCHT, WELCHE SUBSYSTEME EINES KLEINSTSATELLITEN BESONDERS BETROFFEN SIND UND WAS DIE SPEZIELLEN HERAUSFORDERUNGEN SIND, UM EINE PRÄZISE POSITIONSBESTIMMUNG MIT HILFE EINES GNSS-EMPFÄNGERS ZU REALISIEREN. DAZU WERDEN AUCH EINIGE ENTWICKLUNGEN VORGESTELLT, DIE IN DEN LETZTEN JAHREN DIE LEISTUNGSFÄHIGKEIT VON 1U CUBE SATS SIGNIFIKANT ERHÖHT HABEN. DAS SYSTEMKONZEPT DER BEESAT SATELLITEN WIRD EINGEFÜHRT UND DIE EVOLUTION DER NUTZLASTPLATINE INKLUSIVE DER VERWENDUNG DER JEWELNS NEUESTEN SENSORTECHNOLOGIEN FÜR DIE LAGEREGLUNG BESCHRIEBEN. ES WIRD GEZEIGT WIE DIE VERIFIKATION DER SUBSYSTEME DES SATELLITEN AM BODEN ERFOLGTE, WOBEI DER FOKUS AUF DEM TESTEN UND SIMULIEREN DER LAGEREGLUNG UND DEM GNSS-EMPFÄNGER LIEGT. DAZU WERDEN DIE NOTWENDIGEN INTEGRATIONSSCHRITTE, DIE KALIBRATIONS- UND DIE UMWELTTTESTKAMPAGNE DISKUTIERT. BEIDE SATELLITEN WURDEN ERFOLGREICH BETRIEBEN UND DIE ERGEBNISSE DER ON-ORBIT EXPERIMENTE WERDEN VORGESTELLT. ES WIRD GEZEIGT WIE ZUNÄCHST EINE DREIACHSENSTABILISIERTE LAGEREGLUNG AUF BEESAT-4 VERIFIZIERT UND ANSCHLIEßEND AUF BEESAT-9 ÜBER MEHR ALS EIN JAHR EIN GNSS-EMPFÄNGER ERFOLGREICH BETRIEBEN WURDE. ZUSÄTZLICH WIRD DER INTERSATELLITEN LINK ZWISCHEN BEESAT-4 UND BIROS ANALYSIERT, DA DIESER FÜR DIE RELATIVNAVIGATION VON SATELLITEN ESSENTIELL IST. DIE AKQUIRIERTEN NAVIGATIONS DATEN WURDEN ZUM BODEN GESENDET UND DIE IDENTIFIZIERUNG VON BEESAT-9 ERFOLGTE MIT HILFE DIESER DATEN. EINE QUALITATIVE ANALYSE DER ORBITELEMENTE (TLE) VON BEESAT-9 KONNTE SYSTEMATISCH DURCHFÜHRT WERDEN DURCH EINEN TYPISCHEN EINSATZ DES GNSS-EMPFÄNGERS. WEITERHIN WURDE ERFORSCHT WIE SICH EINE KLEINE GNSS-ANTENNE AUF DIE EMPFANGENEN SIGNALSTRÜKLEN DER GNSS SATELLITEN AUSWIRKT UND OB DIESE ANTENNE ODER IHR VERSTÄRKER MIT DER ZEIT DEGRADIEREN. ZUSÄTZLICH KONNTE EINE ORBITBESTIMMUNG UND -PROPAGATION AUF BASIS DER NAVIGATIONS DATEN DURCHFÜHRT WERDEN UND DIE ERGEBNISSE AUSGEWERTET WERDEN. DIE ANALYSIERTEN FRAGESTELLUNGEN ERLAUBEN EINE AUSSAGE ÜBER DEN DURCHFÜHRBAREN EINSATZ VON GNSS-EMPFÄNGERN AUF 1U CUBE SATS UND OB DIESER NOTWENDIG IST UM DIE MISSIONS ZIELE ZU ERREICHEN.

A YEAR LIKE NO OTHER RYAN UNDERWOOD 2021-08-03 THE UNIVERSITY THAT WAS AT THE HEART OF THE RESEARCH TO DISCOVER THE VACCINES FOR THE PANDEMIC PENS THE STORY OF HOW IT ALL HAPPENED. IN 2020, AS COVID-19 THREW THE U.S. HIGHER EDUCATION SYSTEM INTO TURMOIL, UNIVERSITY ADMINISTRATORS AROUND THE COUNTRY DEBATED WHETHER IT WAS PRUDENT—OR EVEN POSSIBLE—TO TEACH STUDENTS IN PERSON OR CONDUCT LABORATORY RESEARCH AMID A ONCE-IN-A-CENTURY PANDEMIC. FOR THE LEADERSHIP AT VANDERBILT UNIVERSITY, THE ANSWER TO THE QUESTION WAS A RESOUNDING YES. VIEWING RESIDENTIAL EDUCATION AND COLLABORATIVE RESEARCH AS ESSENTIAL TO ITS ACADEMIC AND SOCIETAL MISSION, VANDERBILT WAS ONE OF A SMALL NUMBER OF AMERICA'S TOP UNIVERSITIES TO PUT RIGOROUS SAFETY PROTOCOLS IN PLACE TO ALLOW STUDENTS, FACULTY, AND RESEARCH PERSONNEL BACK TO CAMPUS IN THE FALL. TOLD WITH RECOLLECTIONS AND INSIGHTS FROM VANDERBILT'S LEADERS, STUDENTS, FACULTY, AND STAFF, AND MOVING AT A PACE MATCHING THE EVENTS IT DESCRIBES, A YEAR LIKE NO OTHER TAKES READERS FROM VANDERBILT'S NEAR-SHUTDOWN IN THE SPRING THROUGH ITS REOPENING FOR THE 2020-2021 ACADEMIC YEAR, PROVIDING AN INSIDE LOOK AT HOW THE UNIVERSITY COPEd NOT ONLY WITH COVID-19, BUT ALSO WITH A TRAGIC NIGHT OF TORNADOES AND THE URGENT CALLS FOR RACIAL JUSTICE FOLLOWING THE KILLING OF GEORGE FLOYD. A YEAR LIKE NO OTHER ALSO HIGHLIGHTS SOME OF THE VITAL CONTRIBUTIONS THAT FACULTY AT VANDERBILT AND VANDERBILT UNIVERSITY MEDICAL CENTER HAVE MADE TO THE DEVELOPMENT OF COVID-19 VACCINES AND THERAPIES, WITH RESEARCH FUELED IN PART BY DOLLY PARTON, THE BELOVED COUNTRY MUSIC LEGEND. A YEAR LIKE NO OTHER CAPTURES A SINGULAR MOMENT IN THE UNIVERSITY'S HISTORY WHILE DELIVERING A CONCISE PORTRAIT OF SUCCESSFUL CRISIS MANAGEMENT PLAYING OUT AMID THE FAST-CHANGING CIRCUMSTANCES OF GLOBAL HEALTH THREATS AND A BARRAGE OF LOCAL HARDSHIPS.