

Sofia The First Logo Vector

IF YOU ALLY COMPULSION SUCH A REFERRED **SOFIA THE FIRST LOGO VECTOR** BOOKS THAT WILL PROVIDE YOU WORTH, GET THE UNCONDITIONALLY BEST SELLER FROM US CURRENTLY FROM SEVERAL PREFERRED AUTHORS. IF YOU WANT TO DROLL BOOKS, LOTS OF NOVELS, TALE, JOKES, AND MORE FICTIONS COLLECTIONS ARE ALONG WITH LAUNCHED, FROM BEST SELLER TO ONE OF THE MOST CURRENT RELEASED.

YOU MAY NOT BE PERPLEXED TO ENJOY EVERY BOOK COLLECTIONS **SOFIA THE FIRST LOGO VECTOR** THAT WE WILL DEFINITELY OFFER. IT IS NOT JUST ABOUT THE COSTS. ITS ROUGHLY WHAT YOU HABIT CURRENTLY. THIS **SOFIA THE FIRST LOGO VECTOR**, AS ONE OF THE MOST KEEN SELLERS HERE WILL UTTERLY BE IN THE COURSE OF THE BEST OPTIONS TO REVIEW.

CURRENT TOPICS IN PHYSICS: IN HONOR OF SIR ROGER J ELLIOTT RAFAEL A BARRIO 2005-06-28 THIS INDISPENSABLE BOOK IS A COMPILATION OF INVITED TALKS DELIVERED AT THE SYMPOSIUM, "CURRENT TOPICS IN PHYSICS" HELD IN MEXICO CITY IN JUNE 2003, TO CELEBRATE THE 75TH BIRTHDAY OF PROFESSOR SIR ROGER ELLIOTT. THE CONTRIBUTIONS HAVE BEEN PREPARED BY RESEARCH ASSOCIATES, FORMER STUDENTS, POST-DOCTORAL FELLOWS AND COLLEAGUES OF PROFESSOR ELLIOTT, MANY OF THEM LEADING SCIENTISTS — AS SIR ROGER HIMSELF — IN IMPORTANT RESEARCH INSTITUTES AROUND THE WORLD. THE BOOK GIVES A VERY TIMELY AND COMPREHENSIVE OVERVIEW OF VARIOUS KEY AREAS OF MODERN CONDENSED MATTER AND STATISTICAL PHYSICS. 19 ORIGINAL CONTRIBUTIONS ARE INCLUDED, GROUPED IN THREE MAIN AREAS: DISORDER AND DYNAMICAL SYSTEMS, STRUCTURES AND GLASSES, ELECTRICAL AND MAGNETIC PROPERTIES. THE CONTRIBUTIONS ARE BY MANY OF THE FOREMOST RESEARCHERS IN THE FIELD OF CONDENSED MATTER AND STATISTICAL PHYSICS. IN PARTICULAR, CONTRIBUTIONS BY SUCH PROMINENT SCIENTISTS AS M E FISHER, A A MARADUDIN, M F THORPE, M BALKANSKI, T FUJIWARA, AND OF COURSE SIR ROGER ELLIOTT HIMSELF MAKE THIS BOOK A REWARDING READ.

NUMERICAL ANALYSIS AND ITS APPLICATIONS SVETOZAR D. MARGENOV 2009-02-07 THIS BOOK CONSTITUTES THE THOROUGHLY REFEREED POST-CONFERENCE PROCEEDINGS OF THE 4TH INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND ITS APPLICATIONS, NAA 2008, HELD IN LOZENETZ, BULGARIA IN JUNE 2008. THE 61 REVISED FULL PAPERS PRESENTED TOGETHER WITH 13 INVITED PAPERS WERE CAREFULLY SELECTED DURING TWO ROUNDS OF REVIEWING AND IMPROVEMENT. THE PAPERS ADDRESS ALL CURRENT ASPECTS OF NUMERICAL ANALYSIS AND DISCUSS A WIDE RANGE OF PROBLEMS CONCERNING RECENT ACHIEVEMENTS IN PHYSICS, CHEMISTRY, ENGINEERING, AND ECONOMICS. A SPECIAL FOCUS IS GIVEN TO NUMERICAL APPROXIMATION AND COMPUTATIONAL GEOMETRY, NUMERICAL LINEAR ALGEBRA AND NUMERICAL SOLUTION OF TRANSCENDENTAL EQUATIONS, NUMERICAL METHODS FOR DIFFERENTIAL EQUATIONS, NUMERICAL MODELING, AND HIGH PERFORMANCE SCIENTIFIC COMPUTING.

SCALE SPACE AND VARIATIONAL METHODS IN COMPUTER VISION XUE-CHENG TAI 2009-05-25 THIS BOOK CONSTITUTES THE REFEREED PROCEEDINGS OF THE SECOND INTERNATIONAL CONFERENCE ON SCALE SPACE METHODS AND VARIATIONAL METHODS IN COMPUTER VISION, SSVM 2009, EMANATED FROM THE JOINT EDITION OF THE 5TH INTERNATIONAL WORKSHOP ON VARIATIONAL, GEOMETRIC AND LEVEL SET METHODS IN COMPUTER VISION, VLMS 2009 AND THE 7TH INTERNATIONAL CONFERENCE ON SCALE SPACE AND PDE METHODS IN COMPUTER VISION, SCALE-SPACE 2009, HELD IN VOSS, NORWAY IN JUNE 2009. THE 71 REVISED FULL PAPERS PRESENTED WERE CAREFULLY REVIEWED AND SELECTED NUMEROUS SUBMISSIONS. THE PAPERS ARE ORGANIZED IN TOPICAL SECTIONS ON SEGMENTATION AND DETECTION; IMAGE ENHANCEMENT AND RECONSTRUCTION; MOTION ANALYSIS, OPTICAL FLOW, REGISTRATION AND TRACKING; SURFACES AND SHAPES; SCALE SPACE AND FEATURE EXTRACTION.

SCIENTIFIC AND TECHNICAL AEROSPACE REPORTS 1995

WOLFPACK ABBY WAMBACH 2019-04-09 BASED ON HER INSPIRING, VIRAL 2018 COMMENCEMENT SPEECH TO BARNARD COLLEGE'S GRADUATES IN NEW YORK CITY, NEW YORK TIMES BESTSELLING AUTHOR, TWO-TIME OLYMPIC GOLD MEDALIST AND FIFA WORLD CUP CHAMPION ABBY WAMBACH DELIVERS HER EMPOWERING RALLY CRY FOR WOMEN TO UNLEASH THEIR INDIVIDUAL POWER, UNITE WITH THEIR PACK, AND EMERGE VICTORIOUS TOGETHER. ABBY WAMBACH BECAME A CHAMPION BECAUSE OF HER INCREDIBLE TALENT AS A SOCCER PLAYER. SHE BECAME AN ICON BECAUSE OF HER REMARKABLE WISDOM AS A LEADER. AS THE CO-CAPTAIN OF THE 2015 WOMEN'S WORLD CUP CHAMPION TEAM, SHE CREATED A CULTURE NOT JUST OF EXCELLENCE, BUT OF HONOR, COMMITMENT, RESILIENCE, AND SISTERHOOD. SHE HELPED TRANSFORM A GROUP OF INDIVIDUAL WOMEN INTO ONE OF THE MOST SUCCESSFUL, POWERFUL AND UNITED WOLFPACKS OF ALL TIME. IN HER RETIREMENT, ABBY'S READY TO DO THE SAME FOR HER NEW TEAM: ALL WOMEN EVERYWHERE. IN WOLFPACK, ABBY'S MESSAGE TO WOMEN IS: WE HAVE NEVER BEEN LITTLE RED RIDING

HOOD. WE ARE THE WOLVES. WE MUST WANDER OFF THE PATH AND BLAZE A NEW ONE: TOGETHER. SHE INSISTS THAT WOMEN MUST LET GO OF OLD RULES OF LEADERSHIP THAT NEITHER INCLUDE OR SERVE THEM. SHE'S CREATED A NEW SET OF WOLFPACK RULES TO HELP WOMEN UNLEASH THEIR INDIVIDUAL POWER, UNITE WITH THEIR WOLFPACK, AND CHANGE THE LANDSCAPE OF THEIR LIVES AND WORLD: FROM THE FAMILY ROOM TO THE BOARD ROOM TO THE WHITE HOUSE. • MAKE FAILURE YOUR FUEL: TRANSFORM FAILURE TO WISDOM AND POWER. • LEAD FROM THE BENCH: LEAD FROM WHEREVER YOU ARE. • CHAMPION EACH OTHER: CLAIM EACH WOMAN'S VICTORY AS YOUR OWN. • DEMAND THE EFFING BALL: DON'T ASK PERMISSION: TAKE WHAT YOU'VE EARNED. IN ABBY'S VISION, WE ARE NOT LITTLE RED RIDING HOODS, STAYING ON THE PATH BECAUSE WE'RE TOLD TO. WE ARE THE WOLVES, FIGHTING FOR A BETTER TOMORROW FOR OURSELVES, OUR PACK, AND ALL THE FUTURE WOLVES WHO WILL COME AFTER US.

SOFIA THE FIRST READ-ALONG STORYBOOK: ONCE UPON A PRINCESS DISNEY BOOKS 2013-07-30 MEET SOFIA, A LITTLE GIRL WHO LIVES A RATHER ORDINARY LIFE. BUT EVERYTHING CHANGES WHEN HER MOTHER, MIRANDA, MARRIES THE KING. OVERNIGHT, SOFIA BECOMES A PRINCESS, MOVES INTO THE CASTLE, GAINS A STEP-BROTHER, A STEP-SISTER...AND THE ABILITY TO TALK TO HER NEW ANIMAL FRIENDS THANKS TO A MAGICAL AMULET! NOW, LIFE IS ANYTHING BUT ORDINARY FOR SOFIA THE FIRST! THIS READ-ALONG STORYBOOK FEATURES REAL CHARACTER VOICES FROM THE HIT TELEVISION MOVIE AND SERIES "SOFIA THE FIRST!"

OFFICIAL GAZETTE OF THE UNITED STATES PATENT AND TRADEMARK OFFICE 1989

VECTOR- AND RODENT-BORNE DISEASES IN EUROPE AND NORTH AMERICA NORMAN G. GRATZ 2006-11-02 A SIGNIFICANT NUMBER OF DISEASES ARE CARRIED BY INSECTS, TICKS, MITES AND RODENTS, AND THESE DISEASES ARE FAR MORE COMMON THAN IS OFTEN REALISED. NEW DISEASES ARE REGULARLY DISCOVERED AND ARE BECOMING INCREASINGLY WIDESPREAD, IN PART DUE TO INCREASED GLOBAL TRAVEL AND POSSIBLY EVEN CLIMATE CHANGE. IN THIS EXCITING NEW VOLUME NORMAN GRATZ, FORMER DIRECTOR, DIVISION OF VECTOR BIOLOGY AND CONTROL, WORLD HEALTH ORGANISATION, REVIEWS THE DISTRIBUTION OF ALL CURRENTLY IDENTIFIED VECTOR AND RODENT-BORNE DISEASES IN EUROPE, THE USA AND CANADA. EACH TYPE OF INFECTION IS PRESENTED BY GROUP, COVERING INCIDENCE AND PREVALENCE, COSTS AND PUBLIC HEALTH BURDENS. BASIC VECTOR BIOLOGY AND CONTROL IS DESCRIBED IN DETAIL AND AN EXTENSIVE BIBLIOGRAPHY IS PROVIDED TO AID READERS SEEKING FURTHER INFORMATION. WITH ITS COMPREHENSIVE COVERAGE AND DETAIL, THIS BOOK IS SET TO BECOME THE STANDARD REFERENCE FOR ANYONE WORKING ON VECTOR- AND RODENT-BORNE DISEASES IN MEDICAL ENTOMOLOGY, ZOOLOGY, EPIDEMIOLOGY AND PUBLIC HEALTH.

TECTONIC DEVELOPMENT OF THE EASTERN MEDITERRANEAN REGION A. H. F. ROBERTSON 2006 THE EASTERN MEDITERRANEAN REGION IS A CLASSIC AREA FOR THE STUDY OF TECTONIC PROCESSES AND SETTINGS RELATED TO THE DEVELOPMENT OF THE TETHYAN OROGENIC BELT. THE PRESENT SET OF RESEARCH AND SYNTHESIS PAPERS BY EARTH SCIENTISTS FROM COUNTRIES IN THIS REGION AND OTHERS PROVIDES AN UP-TO-DATE, INTERDISCIPLINARY OVERVIEW OF THE TECTONIC DEVELOPMENT OF THE EASTERN MEDITERRANEAN REGION FROM PRECAMBRIAN TO RECENT. KEY TOPICS INCLUDE CONTINENTAL RIFTING, OPHIOLITE GENESIS AND EMPLACEMENT, CONTINENTAL COLLISION, EXTENSIONAL TECTONICS, CRUSTAL EXHUMATION AND INTRA-PLATE DEFORMATION (E.G. ACTIVE FAULTING). ALTERNATIVE TECTONIC RECONSTRUCTIONS OF THE TETHYAN OROGEN ARE PRESENTED AND DISCUSSED, WITH IMPORTANT IMPLICATIONS FOR OTHER REGIONS OF THE WORLD. THE BOOK WILL BE AN ESSENTIAL SOURCE OF INFORMATION AND INTERPRETATION FOR ACADEMIC RESEARCHERS (GEOLOGISTS AND GEOPHYSICISTS), ADVANCED UNDERGRADUATES AND ALSO FOR INDUSTRY PROFESSIONALS, INCLUDING THOSE CONCERNED WITH HYDROCARBONS, MINERALS AND GEOLOGICAL HAZARDS (E.G. EARTHQUAKES).

THE PATIENT AS VICTIM AND VECTOR M. PABST BATTIN 2009 BIOETHICS EMERGED AT A TIME WHEN INFECTIOUS DISEASES WERE NOT A MAJOR CONCERN. THUS BIOETHICS NEVER HAD TO DEVELOP A NORMATIVE FRAMEWORK SENSITIVE TO SITUATIONS OF DISEASE TRANSMISSION. THE PATIENT AS VICTIM AND VECTOR EXPLORES HOW TRADITIONAL AND NEW ISSUES IN CLINICAL MEDICINE, RESEARCH, PUBLIC HEALTH, AND HEALTH POLICY MIGHT LOOK DIFFERENT IN INFECTIOUS DISEASE WERE TREATED AS CENTRAL. THE AUTHORS ARGUE THAT BOTH PRACTICE AND POLICY MUST RECOGNIZE THAT A PATIENT WITH A COMMUNICABLE INFECTIOUS DISEASE IS NOT ONLY A VICTIM OF THAT DISEASE, BUT ALSO A POTENTIAL VECTOR- SOMEONE WHO MAY TRANSMIT AN ILLNESS THAT WILL SICKEN OR KILL OTHERS. BIOETHICS HAS FAILED TO SEE ONE PART OF THIS DUALITY, THEY DOCUMENT, AND PUBLIC HEALTH THE OTHER: THAT THE PATIENT IS BOTH VICTIM AND VECTOR AT ONE AND THE SAME TIME. THE PATIENT AS VICTIM AND VECTOR IS JOINTLY WRITTEN BY FOUR AUTHORS AT THE UNIVERSITY OF UTAH WITH EXPERTISE IN BIOETHICS, HEALTH LAW, AND BOTH CLINICAL PRACTICE AND PUBLIC HEALTH POLICY CONCERNING INFECTIOUS DISEASE. PART I SHOWS HOW THE PATIENT-CENTERED ETHIC THAT WAS DEVELOPED BY BIOETHICS- ESPECIALLY THE CONCEPT OF AUTONOMY- NEEDS TO CHANGE IN THE CONTEXT OF PUBLIC HEALTH, AND PART II DEVELOPS A NORMATIVE THEORY FOR DOING SO. PART III EXAMINES TRADITIONAL AND NEW ISSUES INVOLVING INFECTIOUS DISEASE: THE ETHICS OF QUARANTINE AND ISOLATION, RESEARCH, DISEASE SCREENING, RAPID TESTING, ANTIBIOTIC USE, AND IMMUNIZATION, IN CONTEXTS LIKE MULTI-DRUG-RESISTANT TUBERCULOSIS, SYPHILIS, HEPATITIS, HIV/AIDS, AND HPV. PART IV, BEGINNING WITH A CONTROVERSIAL THOUGHT EXPERIMENT, CONSIDERS CONSTRAINT IN THE CONTROL OF INFECTIOUS DISEASE,

INCLUDE PANDEMICS, AND PART V 'THINKS BIG' ABOUT THE GLOBAL SCOPE OF INFECTIOUS DISEASE AND EFFORTS TO PREVENT, TREAT, OR ERADICATE IT. THIS VOLUME SHOULD HAVE A MAJOR IMPACT IN THE FIELDS OF BIOETHICS AND PUBLIC HEALTH ETHICS. IT WILL ALSO INTEREST PHILOSOPHERS, LAWYERS, HEALTH LAW EXPERTS, PHYSICIANS, AND POLICY MAKERS, AS WELL AS THOSE CONCERNED WITH GLOBAL HEALTH.

LARGE-SCALE SCIENTIFIC COMPUTING IVAN LIRKOV 2010-05-10 THIS BOOK CONSTITUTES THE THOROUGHLY REFEREED POST-CONFERENCE PROCEEDINGS OF THE 7TH INTERNATIONAL CONFERENCE ON LARGE-SCALE SCIENTIFIC COMPUTATIONS, LSSC 2009, HELD IN SOZOPOL, BULGARIA, IN JUNE 2009. THE 93 REVISED FULL PAPERS PRESENTED TOGETHER WITH 5 PLENARY AND INVITED PAPERS WERE CAREFULLY REVIEWED AND SELECTED FROM NUMEROUS SUBMISSIONS FOR INCLUSION IN THE BOOK. THE PAPERS ARE ORGANIZED IN TOPICAL SECTIONS ON MULTILEVEL AND MULTISCALE PRECONDITIONING METHODS MULTILEVEL AND MULTISCALE METHODS FOR INDUSTRIAL APPLICATIONS, ENVIRONMENTAL MODELING, CONTROL AND UNCERTAIN SYSTEMS, APPLICATION OF METAHEURISTICS TO LARGE SCALE PROBLEMS, MONTE CARLO: METHODS, APPLICATIONS, DISTRIBUTED COMPUTING, GRID AND SCIENTIFIC AND ENGINEERING APPLICATIONS, RELIABLE NUMERICAL METHODS FOR DIFFERENTIAL EQUATIONS, NOVEL APPLICATIONS OF OPTIMIZATION IDEAS TO THE NUMERICAL SOLUTION OF PDES, AND CONTRIBUTED TALKS.

GHOSTS OF TRANSPARENCY MICHAEL R. DOYLE 2019-09-23 IN THIS BOOK, THE EDITORS FOCUS ON ARCHITECTURE AND COMMUNICATION FROM VARIOUS DIFFERENT PERSPECTIVES – TAKING INTO ACCOUNT THAT THE TERM “ARCHITECTURE” IS USED FOR BUILDINGS AS WELL AS IN THE CONTEXT OF COMPUTER SOFTWARE. DATA AND SOFTWARE ALSO IMPACT ON OUR CITIES; RAW DATA, HOWEVER, DO NOT CONVEY ANY INFORMATION – IN ORDER TO GENERATE INFORMATION AND COMMUNICATION THEY HAVE TO BE ORGANIZED AND MUST MAKE SENSE TO THE READER. THE CONTRIBUTIONS AVOID CLEAR SEPARATION OF THE VARIOUS COMMUNICATION SPHERES OF THEIR DISCIPLINES. INSTEAD, THEY USE THE WIDE RANGE OF APPROACHES TO EXPLORE MEANINGS – AN AMBITIOUS AIM THAT LEAVES THE DESTINATION WIDE OPEN; THE READER IS INVITED TO SHARE IN THIS ADVENTURE.

PC MAG 1993-02-09 PCMAG.COM IS A LEADING AUTHORITY ON TECHNOLOGY, DELIVERING LABS-BASED, INDEPENDENT REVIEWS OF THE LATEST PRODUCTS AND SERVICES. OUR EXPERT INDUSTRY ANALYSIS AND PRACTICAL SOLUTIONS HELP YOU MAKE BETTER BUYING DECISIONS AND GET MORE FROM TECHNOLOGY.

BIFURCATIONS OF PLANAR VECTOR FIELDS JEAN-PIERRE FRANCOISE 2006-11-14

POPULATION BIOLOGY OF VECTOR-BORNE DISEASES JOHN M. DRAKE 2020-12-30 POPULATION BIOLOGY OF VECTOR-BORNE DISEASES IS THE FIRST COMPREHENSIVE SURVEY OF THIS RAPIDLY DEVELOPING FIELD. THE CHAPTER TOPICS PROVIDE AN UP-TO-DATE PRESENTATION OF CLASSICAL CONCEPTS, REVIEWS OF EMERGING TRENDS, SYNTHESIS OF EXISTING KNOWLEDGE, AND A PROSPECTIVE AGENDA FOR FUTURE RESEARCH. THE CONTRIBUTIONS OFFER AUTHORITATIVE AND INTERNATIONAL PERSPECTIVES FROM LEADING THINKERS IN THE FIELD. THE DYNAMICS OF VECTOR-BORNE DISEASES ARE FAR MORE INTRINSICALLY ECOLOGICAL COMPARED WITH THEIR DIRECTLY TRANSMITTED EQUIVALENTS. THE ENVIRONMENTAL DEPENDENCE OF ECTOTHERM VECTORS MEANS THAT VECTOR-BORNE PATHOGENS ARE ACUTELY SENSITIVE TO CHANGING ENVIRONMENTAL CONDITIONS. ALTHOUGH PERENNIALY IMPORTANT VECTOR-BORNE DISEASES SUCH AS MALARIA AND DENGUE HAVE DEEPLY INFORMED OUR UNDERSTANDING OF VECTOR-BORNE DISEASES, RECENT EMERGING VIRUSES SUCH AS WEST NILE VIRUS, CHIKUNGUNYA VIRUS, AND ZIKA VIRUS HAVE GENERATED NEW SCIENTIFIC QUESTIONS AND PRACTICAL PROBLEMS. THE STUDY OF VECTOR-BORNE DISEASE HAS BEEN A PARTICULARLY RICH SOURCE OF ECOLOGICAL QUESTIONS, WHILE ECOLOGICAL THEORY HAS PROVIDED THE CONCEPTUAL TOOLS FOR THINKING ABOUT THEIR EVOLUTION, TRANSMISSION, AND SPATIAL EXTENT. POPULATION BIOLOGY OF VECTOR-BORNE DISEASES IS AN ADVANCED TEXTBOOK SUITABLE FOR GRADUATE LEVEL STUDENTS TAKING COURSES IN VECTOR BIOLOGY, POPULATION ECOLOGY, EVOLUTIONARY ECOLOGY, DISEASE ECOLOGY, MEDICAL ENTOMOLOGY, VIRAL ECOLOGY/EVOLUTION, AND PARASITOLOGY, AS WELL AS PROVIDING A KEY REFERENCE FOR RESEARCHERS ACROSS THESE FIELDS.

MARIA MONTESSORI ISABEL SANCHEZ VEGARA 2019-03-04 NEW IN THE CRITICALLY ACCLAIMED LITTLE PEOPLE, BIG DREAMS SERIES, DISCOVER THE INCREDIBLE LIFE OF MARIA MONTESSORI, THE PIONEERING TEACHER AND RESEARCHER. MARIA GREW UP IN ITALY AT A TIME WHEN GIRLS DIDN'T RECEIVE AN EQUAL EDUCATION TO BOYS. BUT MARIA'S MOTHER WAS SUPPORTIVE OF HER DREAMS, AND MARIA WENT ON TO STUDY MEDICINE. SHE LATER BECAME AN EARLY CHILDHOOD EXPERT--FOUNDING SCHOOLS WITH HER REVOLUTIONARY EDUCATIONAL THEORIES AND CHANGING THE LIVES OF MANY CHILDREN. THIS MOVING BOOK FEATURES STYLISH AND QUIRKY ILLUSTRATIONS AND EXTRA FACTS AT THE BACK, INCLUDING A BIOGRAPHICAL TIMELINE WITH HISTORICAL PHOTOS AND A DETAILED PROFILE OF THE EDUCATOR'S LIFE. LITTLE PEOPLE, BIG DREAMS IS A BEST-SELLING SERIES OF BOOKS AND EDUCATIONAL GAMES THAT EXPLORE THE LIVES OF OUTSTANDING PEOPLE, FROM DESIGNERS AND ARTISTS TO SCIENTISTS AND ACTIVISTS. ALL OF THEM ACHIEVED INCREDIBLE THINGS, YET EACH BEGAN LIFE AS A CHILD WITH A DREAM. THIS EMPOWERING SERIES OFFERS INSPIRING MESSAGES TO CHILDREN OF ALL AGES, IN A RANGE OF FORMATS. THE BOARD BOOKS ARE TOLD IN SIMPLE SENTENCES, PERFECT FOR

READING ALOUD TO BABIES AND TODDLERS. THE HARDCOVER VERSIONS PRESENT EXPANDED STORIES FOR BEGINNING READERS. BOXED GIFT SETS ALLOW YOU TO COLLECT A SELECTION OF THE BOOKS BY THEME. PAPER DOLLS, LEARNING CARDS, MATCHING GAMES, AND OTHER FUN LEARNING TOOLS PROVIDE EVEN MORE WAYS TO MAKE THE LIVES OF THESE ROLE MODELS ACCESSIBLE TO CHILDREN. INSPIRE THE NEXT GENERATION OF OUTSTANDING PEOPLE WHO WILL CHANGE THE WORLD WITH LITTLE PEOPLE, BIG DREAMS!

ARTIFICIAL INTELLIGENCE APPLICATIONS AND INNOVATIONS ILIAS MAGLOGIANNIS 2022-06-16 THIS BOOK CONSTITUTES THE REFEREED PROCEEDINGS OF FIVE INTERNATIONAL WORKSHOPS HELD AS PARALLEL EVENTS OF THE 18TH IFIP WG 12.5 INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE APPLICATIONS AND INNOVATIONS, AIAI 2022, VIRTUALLY AND IN HERSONISSOS, CRETE, GREECE, IN JUNE 2022: THE 11TH MINING HUMANISTIC DATA WORKSHOP (MHDW 2022); THE 7TH 5G-PUTTING INTELLIGENCE TO THE NETWORK EDGE WORKSHOP (5G-PINE 2022); THE 1ST WORKSHOP ON AI IN ENERGY, BUILDING AND MICRO-GRIDS (AIBMG 2022); THE 1ST WORKSHOP/SPECIAL SESSION ON MACHINE LEARNING AND BIG DATA IN HEALTH CARE (ML@HC 2022); AND THE 2ND WORKSHOP ON ARTIFICIAL INTELLIGENCE IN BIOMEDICAL ENGINEERING AND INFORMATICS (AIBEI 2022). THE 35 FULL PAPERS PRESENTED AT THESE WORKSHOPS WERE CAREFULLY REVIEWED AND SELECTED FROM 74 SUBMISSIONS.

OFFICIAL GAZETTE OF THE UNITED STATES PATENT AND TRADEMARK OFFICE UNITED STATES. PATENT AND TRADEMARK OFFICE 1989-03

THE ESSENTIAL WONDER WOMAN ENCYCLOPEDIA PHIL JIMENEZ 2011-08-17 WONDER NO MORE—GET ALL THE FACTS ON DC COMICS' FOREMOST SUPER HEROINE! SHE'S AS BEAUTIFUL AS APHRODITE AND AS WISE AS ATHENA, STRONGER THAN HERCULES AND SWIFTER THAN HERMES. BLESSED AT BIRTH BY THE GODS THEMSELVES, PRINCESS DIANA LEFT AN IDYLIC ISLAND PARADISE RULED BY WISE AND BRAVE WOMEN TO BRING THE PEACE, LOVE, AND NOBILITY OF THE AMAZONS TO THE TUMULTUOUS WORLD OF HUMANKIND. IN JANUARY 1942, WONDER WOMAN TOOK THE WORLD OF COMICS—AND ITS PANTHEON OF SUPERPOWERED MALES—BY STORM. WIELDING HER IMPERVIOUS SILVER BRACELETS AND GOLDEN LASSO OF TRUTH, SHE'S BATTLED FORCES OF EVIL FROM THE AXIS POWERS TO A SLEW OF SUPER-VILLAINS WORLDWIDE, TEAMED UP WITH THE LIKES OF SUPERMAN, BATMAN, GREEN LANTERN, AND THE FLASH, AND BECAME A HIGH-FLYING FEMINIST ICON AND POP-CULTURE SUPERSTAR. NOW, FOR THE FIRST TIME IN MORE THAN THIRTY YEARS, HERE'S A DEFINITIVE A-TO-Z VOLUME THAT DRAWS TOGETHER ALL THE KNOWLEDGE ABOUT THE STAR-SPANGLED, ACTION-PACKED HISTORY OF WONDER WOMAN. IN MORE THAN 400 FACT-PACKED PAGES YOU'LL FIND

- THE COMPLETE STORY OF WONDER WOMAN'S ORIGINS, AS IMAGINED AND REINTERPRETED BY GENERATIONS OF COMICS WRITERS—INCLUDING HER GROUNDBREAKING CREATOR, WILLIAM MOULTON MARSTON
- BIOGRAPHIES OF EVERY MAJOR CHARACTER IN WONDER WOMAN'S UNIVERSE, INCLUDING HER MOTHER, HIPPOLYTA; SISTER, DONNA TROY; AND MORTAL ALLY STEVE TREVOR—AS WELL AS SUCH CLASSIC FOES AS ARES, CHEETAH, HADES, AND THE MEMBERS OF VILLAINY INC.
- CLASSIC BLACK-AND-WHITE COMIC BOOK ARTWORK THROUGHOUT
- TWO SIXTEEN-PAGE FULL-COLOR ARTWORK INSERTS—PLUS A DAZZLING ORIGINAL COVER ILLUSTRATION BY FAN-FAVORITE ARTIST ADAM HUGHES

WRITTEN BY VETERAN WONDER WOMAN ARTIST AND WRITER PHIL JIMENEZ AND COMICS HISTORIAN JOHN WELLS, THE ESSENTIAL WONDER WOMAN ENCYCLOPEDIA IS THE ULTIMATE ARCHIVE, PROVING THAT DIE-HARD DEVOTEES OF THE GORGEOUS GO-TO GODDESS DON'T HAVE TO VISIT PARADISE ISLAND FOR A TASTE OF HEAVEN ON EARTH. FROM THE TRADE PAPERBACK EDITION.

PRECALCULUS JAY ABRAMSON 2018-01-07 PRECALCULUS IS ADAPTABLE AND DESIGNED TO FIT THE NEEDS OF A VARIETY OF PRECALCULUS COURSES. IT IS A COMPREHENSIVE TEXT THAT COVERS MORE GROUND THAN A TYPICAL ONE- OR TWO-SEMESTER COLLEGE-LEVEL PRECALCULUS COURSE. THE CONTENT IS ORGANIZED BY CLEARLY-DEFINED LEARNING OBJECTIVES, AND INCLUDES WORKED EXAMPLES THAT DEMONSTRATE PROBLEM-SOLVING APPROACHES IN AN ACCESSIBLE WAY. COVERAGE AND SCOPE PRECALCULUS CONTAINS TWELVE CHAPTERS, ROUGHLY DIVIDED INTO THREE GROUPS. CHAPTERS 1-4 DISCUSS VARIOUS TYPES OF FUNCTIONS, PROVIDING A FOUNDATION FOR THE REMAINDER OF THE COURSE. CHAPTER 1: FUNCTIONS CHAPTER 2: LINEAR FUNCTIONS CHAPTER 3: POLYNOMIAL AND RATIONAL FUNCTIONS CHAPTER 4: EXPONENTIAL AND LOGARITHMIC FUNCTIONS CHAPTERS 5-8 FOCUS ON TRIGONOMETRY. IN PRECALCULUS, WE APPROACH TRIGONOMETRY BY FIRST INTRODUCING ANGLES AND THE UNIT CIRCLE, AS OPPOSED TO THE RIGHT TRIANGLE APPROACH MORE COMMONLY USED IN COLLEGE ALGEBRA AND TRIGONOMETRY COURSES. CHAPTER 5: TRIGONOMETRIC FUNCTIONS CHAPTER 6: PERIODIC FUNCTIONS CHAPTER 7: TRIGONOMETRIC IDENTITIES AND EQUATIONS CHAPTER 8: FURTHER APPLICATIONS OF TRIGONOMETRY CHAPTERS 9-12 PRESENT SOME ADVANCED PRECALCULUS TOPICS THAT BUILD ON TOPICS INTRODUCED IN CHAPTERS 1-8. MOST PRECALCULUS SYLLABI INCLUDE SOME OF THE TOPICS IN THESE CHAPTERS, BUT FEW INCLUDE ALL. INSTRUCTORS CAN SELECT MATERIAL AS NEEDED FROM THIS GROUP OF CHAPTERS, SINCE THEY ARE NOT CUMULATIVE. CHAPTER 9: SYSTEMS OF EQUATIONS AND INEQUALITIES CHAPTER 10: ANALYTIC GEOMETRY CHAPTER 11: SEQUENCES, PROBABILITY AND COUNTING THEORY CHAPTER 12: INTRODUCTION TO CALCULUS

SOFIA THE FIRST COLORING BOOK CREATIVE CHRONICLE WILDER 2020-01-04 THIS COLORING BOOK IS A GREAT NON-SCREEN

ACTIVITY TO STIMULATE A CHILD'S CREATIVITY AND IMAGINATION. BUY THIS COLORING BOOK TODAY AND SHARE THE FUN AND EXCITEMENT OF PRINCESS SOFIA WITH A SPECIAL CHILD! IT MAKES A PERFECT GIFT!

COMPUTATIONAL METHODS IN MECHANICAL SYSTEMS JORGE ANGELES 2013-06-29 THE CHAPTERS OF THIS BOOK SUMMARIZE THE LECTURES DELIVERED DURING THE NATO ADVANCED STUDY INSTITUTE (ASI) ON COMPUTATIONAL METHODS IN MECHANISMS, THAT TOOK PLACE IN THE STS. CONSTANTIN AND ELENA RESORT, NEAR VARNA, ON THE BULGARIAN COAST OF THE BLACK SEA, JUNE 16-28, 1997. THE PURPOSE OF THE ASI WAS TO BRING TOGETHER LEADING RESEARCHERS IN THE AREA OF MECHANICAL SYSTEMS AT LARGE, WITH SPECIAL EMPHASIS IN THE COMPUTATIONAL ISSUES AROUND THEIR ANALYSIS, SYNTHESIS, AND OPTIMIZATION, DURING TWO WEEKS OF LECTURES AND DISCUSSION. A TOTAL OF 89 PARTICIPANTS FROM 23 COUNTRIES PLAYED AN ACTIVE ROLE DURING THE LECTURES AND SESSIONS OF CONTRIBUTED PAPERS. MANY OF THE LATTER ARE BEING CURRENTLY REVIEWED FOR PUBLICATION IN SPECIALIZED JOURNALS. THE SUBJECT OF THE BOOK IS MECHANICAL SYSTEMS, I.E., SYSTEMS COMPOSED OF RIGID AND FLEXIBLE BODIES, COUPLED BY MECHANICAL MEANS SO AS TO CONSTRAIN THEIR VARIOUS BODIES IN A GOAL-ORIENTED MANNER, USUALLY DRIVEN UNDER COMPUTER CONTROL. APPLICATIONS OF THE DISCIPLINE ARE THUS OF THE MOST VARIED NATURE, RANGING FROM TRANSPORTATION SYSTEMS TO BIOMEDICAL DEVICES. UNDER NORMAL OPERATION CONDITIONS, THE CONSTITUTIVE BODIES OF A MECHANICAL SYSTEM CAN BE CONSIDERED TO BE RIGID, THE RIGIDITY PROPERTY THEN EASING DRAMATICALLY THE ANALYSIS OF THE KINEMATICS AND DYNAMICS OF THE SYSTEM AT HAND. EXAMPLES OF THESE SYSTEMS ARE THE SUSPENSION OF A TERRESTRIAL VEHICLE NEGOTIATING A CURVE AT SPEEDS WITHIN THE ALLOWED OR RECOMMENDED LIMITS AND THE LINKS OF MULTIAXIS INDUSTRIAL ROBOTS PERFORMING CONVENTIONAL PICK-AND-PLACE OPERATIONS.

SOFIA THE FIRST: THE ENCHANTED FEAST DISNEY BOOKS 2014-03-04 READ ALONG WITH DISNEY! CEDRIC IS PREPARING TO SHOW OFF HIS MAGICAL SKILLS AT THE ENCHANTED FEAST: A GRAND DINNER FOR ALL OF THE KINGS AND QUEENS IN THE TRI-KINGDOM AREA. WHEN AN EVIL FAIRY NAMED MISS NETTLE DISGUISES HERSELF AS A POWERFUL SORCERESS AND TAKES OVER THE FEAST, SOFIA FORMS AN UNLIKELY TEAM WITH CLOVER, CEDRIC, AND WORMWOOD TO PROTECT HER AMULET AND SAVE HER FAMILY. FOLLOW ALONG WITH THE WORD-FOR-WORD NARRATION IN THIS CHARMING STORYBOOK, BASED ON A SPECIAL EPISODE FEATURING SNOW WHITE!

APPLICATIONS OF INTELLIGENT SYSTEMS N. PETKOV 2018-12-21 THE DEPLOYMENT OF INTELLIGENT SYSTEMS TO TACKLE COMPLEX PROCESSES IS NOW COMMONPLACE IN MANY FIELDS FROM MEDICINE AND AGRICULTURE TO INDUSTRY AND TOURISM. THIS BOOK PRESENTS SCIENTIFIC CONTRIBUTIONS FROM THE 1ST INTERNATIONAL CONFERENCE ON APPLICATIONS OF INTELLIGENT SYSTEMS (APPIS 2018) HELD AT THE MUSEO ELDER IN LAS PALMAS DE GRAN CANARIA, SPAIN, FROM 10 TO 12 JANUARY 2018. THE AIM OF APPIS 2018 WAS TO BRING TOGETHER SCIENTISTS WORKING ON THE DEVELOPMENT OF INTELLIGENT COMPUTER SYSTEMS AND METHODS FOR MACHINE LEARNING, ARTIFICIAL INTELLIGENCE, PATTERN RECOGNITION, AND RELATED TECHNIQUES WITH AN EMPHASIS ON THEIR APPLICATION TO VARIOUS PROBLEMS. THE 34 PEER-REVIEWED PAPERS INCLUDED HERE COVER AN EXTRAORDINARILY WIDE VARIETY OF TOPICS – EVERYTHING FROM SEMI-SUPERVISED LEARNING TO MATCHING ELECTRO-CHEMICAL SENSOR INFORMATION WITH HUMAN ODOR PERCEPTION – BUT WHAT THEY ALL HAVE IN COMMON IS THE DESIGN AND APPLICATION OF INTELLIGENT SYSTEMS AND THEIR ROLE IN TACKLING DIVERSE AND COMPLEX CHALLENGES. THE BOOK WILL BE OF PARTICULAR INTEREST TO ALL THOSE INVOLVED IN THE DEVELOPMENT AND APPLICATION OF INTELLIGENT SYSTEMS.

TRUST MANAGEMENT II YÜCEL KARABULUT 2008-06-06 THIS VOLUME CONTAINS THE PROCEEDINGS OF THE IFIPTM 2008, THE JOINT ITRUST AND PST CONFERENCES ON PRIVACY, TRUST MANAGEMENT AND SECURITY, HELD IN TRONDHEIM, NORWAY FROM JUNE 18 TO JUNE 20, 2008. IFIPTM 2008 PROVIDES A TRULY GLOBAL PLATFORM FOR THE REPORTING OF RESEARCH, DEVELOPMENT, POLICY AND PRACTICE IN THE INTERDEPENDENT AREAS OF PRIVACY, SECURITY, AND TRUST. FOLLOWING THE TRADITIONS INHERITED FROM THE HIGHLY SUCCESSFUL ITRUST AND PST CONFERENCE SERIES, IFIPTM 2008 FOCUSES ON TRUST, PRIVACY AND SECURITY FROM MULTIDISCIPLINARY PERSPECTIVES. THE CONFERENCE IS AN ARENA FOR DISCUSSION ABOUT RELEVANT PROBLEMS FROM BOTH RESEARCH AND PRACTICE IN THE AREAS OF ACADEMIA, BUSINESS, AND GOVERNMENT. IFIPTM 2008 IS AN OPEN IFIP CONFERENCE, WHICH ONLY ACCEPTS CONTRIBUTED PAPERS, SO ALL PAPERS IN THESE PROCEEDINGS HAVE PASSED STRICT PEER REVIEW. THE PROGRAM OF THE CONFERENCE FEATURES BOTH THEORETICAL RESEARCH PAPERS AND REPORTS OF REAL WORLD CASE STUDIES. IFIPTM 2008 RECEIVED 62 SUBMISSIONS. THE PROGRAM COMMITTEE SELECTED 22 PAPERS FOR PRESENTATION AND INCLUSION IN THE PROCEEDINGS. IN ADDITION, THE PROGRAM AND THE PROCEEDINGS INCLUDE 3 DEMO DESCRIPTIONS. THE HIGHLIGHTS OF IFIPTM 2008 INCLUDE INVITED TALKS AND TUTORIALS BY INDUSTRIAL AND ACADEMIC EXPERTS IN THE FIELDS OF TRUST MANAGEMENT, PRIVACY AND SECURITY, INCLUDING JON BING AND MICHAEL STEINER.

NUCLEAR SCIENCE ABSTRACTS 1976-05

HIGH-DIMENSIONAL PROBABILITY ROMAN VERSHYNIN 2018-09-30 HIGH-DIMENSIONAL PROBABILITY OFFERS INSIGHT INTO THE BEHAVIOR OF RANDOM VECTORS, RANDOM MATRICES, RANDOM SUBSPACES, AND OBJECTS USED TO QUANTIFY UNCERTAINTY IN HIGH DIMENSIONS. DRAWING ON IDEAS FROM PROBABILITY, ANALYSIS, AND GEOMETRY, IT LENDS ITSELF TO APPLICATIONS IN MATHEMATICS, STATISTICS, THEORETICAL COMPUTER SCIENCE, SIGNAL PROCESSING, OPTIMIZATION, AND MORE. IT IS THE FIRST TO INTEGRATE THEORY, KEY TOOLS, AND MODERN APPLICATIONS OF HIGH-DIMENSIONAL PROBABILITY. CONCENTRATION INEQUALITIES FORM THE CORE, AND IT COVERS BOTH CLASSICAL RESULTS SUCH AS Hoeffding's AND Chernoff's INEQUALITIES AND MODERN DEVELOPMENTS SUCH AS THE MATRIX BERNSTEIN'S INEQUALITY. IT THEN INTRODUCES THE POWERFUL METHODS BASED ON STOCHASTIC PROCESSES, INCLUDING SUCH TOOLS AS SLEPIAN'S, SUDAKOV'S, AND DUDLEY'S INEQUALITIES, AS WELL AS GENERIC CHAINING AND BOUNDS BASED ON VC DIMENSION. A BROAD RANGE OF ILLUSTRATIONS IS EMBEDDED THROUGHOUT, INCLUDING CLASSICAL AND MODERN RESULTS FOR COVARIANCE ESTIMATION, CLUSTERING, NETWORKS, SEMIDEFINITE PROGRAMMING, CODING, DIMENSION REDUCTION, MATRIX COMPLETION, MACHINE LEARNING, COMPRESSED SENSING, AND SPARSE REGRESSION.

Q FEVER SVETOSLAV P. MARTINOV 2022-09-01 INFORMATION ON THE CHANGING EPIDEMIOLOGY AND EXPANDING NOSOLOGICAL RANGE OF Q FEVER IN HUMANS HAS GAINED MUCH ATTENTION IN THE PAST DECADE. Q FEVER IS A ZONOTIC DISEASE CAUSED BY THE HIGHLY INFECTIOUS PATHOGEN COXIELLA BURNETII AND HAS GLOBAL DISTRIBUTION WITH IMPORTANT HEALTH, SOCIAL AND ECONOMIC IMPLICATIONS. A NUMBER OF OTHER PROPERTIES AND CHARACTERISTICS OF THE CAUSATIVE AGENT AND DISEASE, DEFINE Q FEVER AS A LASTING AND DIFFICULT VETERINARY AND EPIDEMIOLOGICAL PROBLEM, NAMELY: THE ADAPTABILITY OF C. BURNETII AND ITS HIGH RESISTANCE IN THE EXTERNAL ENVIRONMENT; THE POSSIBILITY OF THE EXISTENCE OF THE AGENT IN THREE- AND TWO-MEMBER PARASITIC SYSTEMS; THE AVAILABILITY OF NATURAL AND AGRICULTURAL FOCI OF INFECTION; PECULIARITIES OF PATHOGENESIS IN HUMANS AND ANIMALS, AND THE MECHANISMS OF EXCRETION OF THE PATHOGEN INTO THE ENVIRONMENT; AND THE HIGH SUSCEPTIBILITY OF NON-IMMUNE POPULATIONS OF ANIMALS AND PEOPLE. GIVEN THAT C. BURNETII IS INCLUDED IN THE ARSENAL OF BACTERIOLOGICAL WEAPONS AS AGENT WITH POTENTIAL BIOTERRORIST THREAT MUST BE BORNE IN MIND THE STRATEGIC IMPORTANCE OF THIS MICROORGANISM THIS BOOK SUMMARIZES AND ANALYZES THE SCIENTIFIC FACTS AND DEVELOPMENTS ABOUT Q FEVER RESEARCHED WORLDWIDE AND PERFORMED BY THE AUTHOR TO PROPOSE A SYSTEM FOR MONITORING, CONTROL AND PREVENTION COVERING THE MAIN NECESSARY ACTIONS, MEASURES AND ACTIVITIES IN THE FIGHT AGAINST THIS FEVER. THERE IS AN UNEVEN LEVEL OF KNOWLEDGE OF Q FEVER IN ANIMALS AND HUMANS IN VARIOUS COUNTRIES ON THE PLANET, WHILE THE ASSESSMENT OF THE RELEVANCE OF THE PROBLEM IS OFTEN AMBIGUOUS AND UNREALISTIC IN TERMS OF VETERINARY, MEDICAL AND SOCIAL AND ECONOMIC ASPECTS, WHICH CAN RESULT IN AN INCOMPLETE DIAGNOSIS, INACCURATE INFORMATION ABOUT THE SPREAD OF DISEASE AND LACK OF PURPOSEFUL STRUGGLE. THE SCIENTIFIC TOPICS DISCUSSED INCLUDE: BIOLOGICAL, MORPHOLOGICAL AND IMMUNOLOGICAL PROPERTIES OF COXIELLA BURNETII DIAGNOSIS, CLINICAL FORMS AND MANIFESTATIONS, PATHOLOGIC CHANGES EPIDEMIOLOGY OF Q FEVER IN ANIMALS AND HUMANS PREVENTION AND CONTROL

INTELLIGENT COMPUTER TECHNIQUES IN APPLIED ELECTROMAGNETICS SLAWOMIR WIAK 2008-07-16 THIS BOOK CONTAINS PAPERS PRESENTED AT THE INTERNATIONAL SYMPOSIUM ON ELECT- MAGNETIC FIELDS IN MECHATRONICS, ELECTRICAL AND ELECTRONIC ENGINEERING ISEF'07 WHICH WAS HELD IN PRAGUE, THE CZECH REPUBLIC, FROM SEPTEMBER 13 TO 15, 2007. ISEF CONFERENCES HAVE BEEN ORGANIZED SINCE 1985 AND FROM THE VERY BEGINNING IT WAS A COMMON INITIATIVE OF POLISH AND OTHER EUROPEAN RESEARCHERS WHO HAVE DEALT WITH ELECTROMAGNETIC ?ELD IN ELECTRICAL ENGINEERING. THE CONFERENCE TRAVELS THROUGH EUROPE AND IS ORGANIZED IN VARIOUS ACADEMIC CENTRES. RELATIVELY OFTEN, IT WAS HELD IN SOME POLISH CITY AS THE INITIATIVE WAS ON THE PART OF POLISH SCIENTISTS. NOW ISEF IS MUCH MORE INTERNATIONAL AND SUCCESSIVE EVENTS TAKE PLACE IN DIFFERENT EUROPEAN ACADEMIC CENTRES RENOWNED FOR ELECTROMAGNETIC RESEARCH. THIS TIME IT WAS PRAGUE, FAMOUS FOR ITS BEAUTY AND HISTORICAL BACKGROUND, AS IT IS THE PLACE WHERE MANY C- TURES MINGLE. THE VENUE OF THE CONFERENCE WAS THE HISTORICAL BUILDING OF CHARLES UNIVERSITY, PLACED JUST IN THE CENTRE OF PRAGUE. THE TECHNICAL UNIVERSITY OF PRAGUE, IN TURN, CONSTITUTED THE LOGISTIC CENTRE OF THE CONFERENCE. IT IS THE TRADITION OF THE ISEF MEETINGS THAT THEY TRY TO TACKLE QUITE A VAST AREA OF COMPUTATIONAL AND APPLIED ELECTROMAGNETICS. MOREOVER, THE ISEF SYMPOSIA AIM AT COMBINING THEORY AND PRACTICE; THEREFORE THE MAJORITY OF PAPERS ARE DEEPLY ROOTED IN ENGINEERING PROBLEMS, BEING SIMULTANEOUSLY OF A HIGH THEORETICAL LEVEL.

GLOBAL CHANGE AND HUMAN VULNERABILITY TO VECTOR-BORNE DISEASES RUBEN BUENO-MARIN IT IS WELL KNOWN THAT SEVERAL CLIMATIC, ENVIRONMENTAL AND SOCIO-DEMOGRAPHIC CHANGES THAT HAVE OCCURRED IN THE LAST YEARS ARE SOME OF THE MOST IMPORTANT CAUSES FOR THE EMERGENCE/RESURGENCE OF VECTOR-BORNE DISEASES WORLDWIDE. GLOBAL CHANGE CAN BE DEFINED AS THE IMPACT OF HUMAN ACTIVITY ON THE FUNDAMENTAL MECHANISMS OF BIOSPHERE FUNCTIONING. THEREFORE, GLOBAL CHANGE INCLUDES NOT ONLY CLIMATE CHANGE, BUT ALSO HABITAT TRANSFORMATION, WATER CYCLE MODIFICATION, BIODIVERSITY LOSS, SYNANTHROPIC INCURSION OF ALIEN SPECIES INTO NEW TERRITORIES, OR INTRODUCTION OF NEW CHEMICALS IN NATURE. ON THIS RESPECT, SOME OF THE EFFECTS OF GLOBAL CHANGE ON VECTOR-BORNE DISEASES CAN BE CURRENTLY EVALUATED. GLOBALIZATION HAS ENABLED THE MOVEMENT OF PARASITES, VIRUSES AND VECTORS AMONG DIFFERENT COUNTRIES, OR EVEN AT INTERCONTINENTAL

LEVEL. ON THIS REGARD, IT IS IMPORTANT TO NOTE THAT THE INCREASE OF IMPORTED MALARIA CASES IN DIFFERENT SOUTHERN EUROPEAN COUNTRIES HAS LED TO THE RE-APPEARANCE OF AUTOCHTHONOUS CASES OF DISEASE TRANSMISSION. MOREOVER, THE USED TIRE TRADE, TOGETHER WITH GLOBAL WARMING, HAVE FACILITATED THE INTRODUCTION, SPREAD AND ESTABLISHMENT OF POTENTIAL DENGUE TROPICAL VECTORS, SUCH AS Aedes Aegypti OR Aedes Albopictus IN TEMPERATE AREAS. CONSEQUENTLY, RECENTLY THE FIRST DENGUE INDIGENOUS CASES IN THE LAST DECADES HAVE BEEN REPORTED IN DIFFERENT SOUTHERN AREAS OF NORTH AMERICA AND EUROPE. FURTHERMORE, HABITAT MODIFICATION, MAINLY DEFORESTATION AND TRANSFORMATION OF AQUATIC ENVIRONMENTS, TOGETHER WITH THE CHANGES IN THERMAL AND RAINFALL PATTERNS, ARE TWO OF THE KEY FACTORS TO EXPLAIN THE INCREASING INCIDENCE OF LEISHMANIASIS AND SEVERAL TICK-BORNE DISEASES. THE AIM OF THIS RESEARCH TOPIC IS TO COVER ALL RELATED FIELDS WITH THE BINOMIAL VECTOR-BORNE DISEASES / GLOBAL CHANGE, INCLUDING BASIC AND APPLIED RESEARCH, APPROACHES TO CONTROL MEASURES, EXPLANATIONS OF NEW THEORIES, OPINION ARTICLES, REVIEWS, ETC. TO DISCUSS THESE ISSUES, A HOLISTIC AND INTEGRATIVE POINT OF VIEW IS NECESSARY, WHICH ONLY WOULD BE ACHIEVED BY THE CLOSE AND ACTIVE PARTICIPATION OF SPECIALISTS ON ENTOMOLOGY, PARASITOLOGY, VIROLOGY AND EPIDEMIOLOGY. OUR OBJECTIVE IS TO USE A SYSTEMS APPROACH TO THE PROBLEM OF GLOBAL CHANGE AND VECTOR-BORNE DISEASES. TO ACHIEVE THIS AMBITIOUS GOAL AND TO COMPLY WITH A DEMAND OF FIRST-RATE SCIENTIFIC AND MEDICAL INTEREST, WE ARE VERY KEEN ON ASKING FOR THE PARTICIPATION OF MULTIPLE CONTRIBUTORS.

PROCEEDINGS OF THE FOURTH INTERNATIONAL COLLOQUIUM ON DIFFERENTIAL EQUATIONS DRUMI D. BAINOV 1994 THE FOURTH INTERNATIONAL COLLOQUIUM ON DIFFERENTIAL EQUATIONS WAS ORGANIZED BY UNESCO AND THE PLOVDIV TECHNICAL UNIVERSITY, WITH THE HELP OF MANY INTERNATIONAL MATHEMATICAL ORGANIZATIONS, AND WAS HELD IN PLOVDIV, BULGARIA, 18--22 AUGUST 1993. THIS PROCEEDINGS VOLUME CONTAINS SELECTED INVITED TALKS WHICH DEAL WITH THE FOLLOWING TOPICS: -- IMPULSIVE DIFFERENTIAL EQUATIONS -- NONLINEAR DIFFERENTIAL EQUATIONS -- DIFFERENTIAL EQUATIONS WITH MAXIMA - APPLICATIONS OF DIFFERENTIAL EQUATIONS

Ed & Lily Sofia Due 2021-08-25 Ed & Lily HAVE A PROBLEM. IT'S THE DAY BEFORE CHRISTMAS EVE AND THE RELATIONSHIP EVERYONE BELIEVED WAS ROCK SOLID IS IN TROUBLE. IT'S NOT JUST THE PAST GETTING IN THE WAY, IT'S THE PRESENT TOO. THEY'VE GOT THIRTY-SIX HOURS BEFORE THEY FLY TO ICELAND FOR A SNOWY CHRISTMAS BREAK. CAN THEY RESOLVE THEIR DIFFERENCES OR WILL THEIR PLANE LEAVE LONDON WITHOUT THEM? A STORY ABOUT LOVE, LOSS AND CHASING YOUR DREAMS.

VECTORS AND VECTOR-BORNE ZOOONOTIC DISEASES SARA SAVIC 2019-02-20 VECTORS AND VECTOR-BORNE ZOOONOTIC DISEASES IS ABOUT A GROUP OF DISEASES THAT CAN INFECT HUMANS AND ANIMALS, AND THAT ARE TRANSMITTED BY VECTORS. THESE DISEASES ARE CALLED VECTOR-BORNE ZOOONOTIC DISEASES. THIS BOOK IS MEANT TO BE USED BY VETERINARIANS, MEDICAL DOCTORS, ENTOMOLOGISTS, AND OTHER EXPERTS, AS WELL AS STUDENTS, ANIMAL OWNERS, NATURE LOVERS, ETC. THE BOOK HAS SEVERAL SECTIONS: "INTRODUCTION," "VECTORS", "VECTOR-BORNE DISEASES AND PATHOGENS," AND "VECTOR CONTROL." EACH OF THE SECTIONS CONCERNS ONE STAGE OF A VECTOR-BORNE DISEASE. EACH GROUP OF AUTHORS HAS DEDICATED THEIR WORK TO ONE OF THE TOPICS WITH KEY ROLES ON PATHOGENS OR VECTORS THAT ARE OF GREAT PUBLIC HEALTH INTEREST IN THEIR COUNTRY OR REGION. IN THIS BOOK, THE AUTHORS HAVE TRIED TO SHOW WHICH VECTORS AND DISEASES ARE THE MOST INTERESTING, HAVING IN MIND THAT THEIR SPREADING REPRESENTS A DANGER TO HEALTH. WITH THIS BOOK, WE HOPE TO BROADEN READERS' KNOWLEDGE BY SHARING EXPERIENCES WITH VECTOR-BORNE DISEASES, WITH THE AIM TO UPGRADE THE KNOWLEDGE OF GENERAL PUBLIC HEALTH FROM A ONE HEALTH PERSPECTIVE.

NATURE-INSPIRED COMPUTATION AND MACHINE LEARNING ALEXANDER GELBUKH 2014-11-05 THE TWO-VOLUME SET LNAI 8856 AND LNAI 8857 CONSTITUTES THE PROCEEDINGS OF THE 13TH MEXICAN INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE, MICA I 2014, HELD IN TUXTLA, MEXICO, IN NOVEMBER 2014. THE TOTAL OF 87 PAPERS PLUS 1 INVITED TALK PRESENTED IN THESE PROCEEDINGS WERE CAREFULLY REVIEWED AND SELECTED FROM 348 SUBMISSIONS. THE FIRST VOLUME DEALS WITH ADVANCES IN HUMAN-INSPIRED COMPUTING AND ITS APPLICATIONS. IT CONTAINS 44 PAPERS STRUCTURED INTO SEVEN SECTIONS: NATURAL LANGUAGE PROCESSING, NATURAL LANGUAGE PROCESSING APPLICATIONS, OPINION MINING, SENTIMENT ANALYSIS, AND SOCIAL NETWORK APPLICATIONS, COMPUTER VISION, IMAGE PROCESSING, LOGIC, REASONING, AND MULTI-AGENT SYSTEMS, AND INTELLIGENT TUTORING SYSTEMS. THE SECOND VOLUME DEALS WITH ADVANCES IN NATURE-INSPIRED COMPUTATION AND MACHINE LEARNING AND CONTAINS ALSO 44 PAPERS STRUCTURED INTO EIGHT SECTIONS: GENETIC AND EVOLUTIONARY ALGORITHMS, NEURAL NETWORKS, MACHINE LEARNING, MACHINE LEARNING APPLICATIONS TO AUDIO AND TEXT, DATA MINING, FUZZY LOGIC, ROBOTICS, PLANNING, AND SCHEDULING, AND BIOMEDICAL APPLICATIONS.

ROMAN FEVER BENJAMIN REILLY 2022-01-25 DURING THE LAST 1500 YEARS, ROME WAS THE INSPIRATION OF ARTISTS, THE CORONATION STAGE OF GERMAN EMPERORS, THE DISTANT DESIRE OF PILGRIMS, AND THE SEAT OF THE ROMAN POPES. YET ROME ALSO LIES WITHIN THE NORTHERN RANGE OF P. FALCIPARUM MALARIA, THE DEADLIEST STRAIN OF THE DISEASE, AGAINST WHICH

NORTHERN EUROPEANS HAD NO INTRINSIC OR ACQUIRED DEFENSES. AS A RESULT, ROME LURED A COUNTLESS NUMBER OF UNACCLIMATED TRANSALPINE EUROPEANS TO THEIR DEATHS IN THE PERIOD FROM 500 TO 1850 AD. THIS BOOK EXAMINES HOW ROME'S ALLURE TO EUROPEAN VISITORS AND ITS RESIDENT MALARIA SPECIES IMPACTED THE HISTORICAL DEVELOPMENT OF EUROPE. IT COVERS THE ENVIRONMENTAL AND BIOLOGICAL FACTORS AT PLAY AND FOCUSES ON TWO OF THE PERIODS WHEN MALARIA POTENTIALLY HAD THE GREATEST IMPACT ON THE CONTINENT: THE HEYDAY OF THE MEDIEVAL GERMAN EMPIRE AND ITS CONFLICTS WITH THE PAPACY (C. 800-1300) AND THE PROTESTANT REFORMATION (C. 1500). THROUGH EXPLORATIONS INTO THE HISTORY OF RELIGION, EMPIRE, DISEASE, AND CULTURE, THIS BOOK TELLS THE STORY OF HOW THE VERITABLE CAPITAL OF THE WORLD BECAME THE GRAVEYARD OF NATIONS.

WHEN VECTORS COLLIDE WITH CULTURES: 'ANTHROPO-VECTOR ECOLOGY', WHO IS CONTROLLING WHO? SCIENTIFIC COMMITTEE 2016-10-06 THE 20TH EUROPEAN SOCIETY FOR VECTOR ECOLOGY CONFERENCE 2016 WANTS TO DRAW ATTENTION TO THE IMPACT AND IMPORTANCE OF VECTORS AND VECTOR-BORNE DISEASES ON LANDSCAPES INHABITED BY HUMAN BEINGS AND HOW TO MAKE THIS PARADIGM MOST EFFECTIVE TO BENEFIT PUBLIC HEALTH. SESSION SUBJECTS ARE: INVASIVE SPECIES: ECOLOGY AND THEIR POTENTIAL ROLE AS VECTORS; CITIZEN SCIENCE AND SOCIAL APPROACHES ON VECTOR CONTROL; EPIDEMIOLOGY OF VECTOR-BORNE DISEASES AND THEIR VECTORS; ECOLOGY AND BEHAVIOUR OF VECTORS; EMERGING VECTOR-BORNE DISEASES AND RISK ASSESSMENT; VECTOR-PATHOGENS INTERACTIONS; TAXONOMY, SYSTEMATIC AND PHYLOGENY OF VECTORS; AND ADVANCE TECHNOLOGIES ON VECTOR CONTROL.

RECENT TOPICS IN DIFFERENTIAL GEOMETRY AND ITS RELATED FIELDS - PROCEEDINGS OF THE 6TH INTERNATIONAL COLLOQUIUM ON DIFFERENTIAL GEOMETRY AND ITS RELATED FIELDS ADACHI TOSHIAKI 2019-10-15 THIS VOLUME CONTAINS PAPERS BY THE MAIN PARTICIPANTS IN THE MEETING OF THE 6TH INTERNATIONAL COLLOQUIUM ON DIFFERENTIAL GEOMETRY AND ITS RELATED FIELDS (ICDG2018). THE VOLUME CONSISTS OF PAPERS DEVOTED TO THE STUDY OF RECENT TOPICS IN GEOMETRIC STRUCTURES ON MANIFOLDS — WHICH ARE RELATED TO COMPLEX ANALYSIS, SYMMETRIC SPACES AND SURFACE THEORY — AND ALSO IN DISCRETE MATHEMATICS. THUS, IT PRESENTS A BROAD OVERVIEW OF DIFFERENTIAL GEOMETRY AND PROVIDES UP-TO-DATE INFORMATION TO RESEARCHERS AND YOUNG SCIENTISTS IN THIS FIELD, AND ALSO TO THOSE WORKING IN THE WIDE SPECTRUM OF MATHEMATICS.

FIRST CONGRESS OF GREEK MATHEMATICIANS IOANNIS EMMANOUIL 2020-03-23 THIS INTERESTING COLLECTION OF UP-TO-DATE SURVEY ARTICLES ON VARIOUS TOPICS OF CURRENT MATHEMATICAL RESEARCH PRESENTS EXTENDED VERSIONS OF THE PLENARY TALKS GIVEN BY IMPORTANT GREEK MATHEMATICIANS AT THE CONGRESS HELD IN ATHENS, GREECE, ON OCCASION OF THE CELEBRATION FOR THE 100 YEARS OF THE HELLENIC MATHEMATICAL SOCIETY.

INFORMATION REUSE AND INTEGRATION IN ACADEMIA AND INDUSTRY TANSEL P ZYER 2013-11-08 THE PRESENT WORK COVERS THE LATEST DEVELOPMENTS AND DISCOVERIES RELATED TO INFORMATION REUSE AND INTEGRATION IN ACADEMIA AND INDUSTRIAL SETTINGS. THE NEED FOR DEALING WITH THE LARGE VOLUMES OF DATA BEING PRODUCED AND STORED IN THE LAST DECADES AND THE NUMEROUS SYSTEMS DEVELOPED TO DEAL WITH THESE IS INCREASINGLY NECESSARY. NOT ALL THESE DEVELOPMENTS COULD HAVE BEEN ACHIEVED WITHOUT THE INVESTING LARGE AMOUNTS OF RESOURCES. OVER TIME, NEW DATA SOURCES EVOLVE AND DATA INTEGRATION CONTINUES TO BE AN ESSENTIAL AND VITAL REQUIREMENT. FURTHERMORE, SYSTEMS AND PRODUCTS NEED TO BE REVISED TO ADAPT NEW TECHNOLOGIES AND NEEDS. INSTEAD OF BUILDING THESE FROM SCRATCH, RESEARCHERS IN THE ACADEMIA AND INDUSTRY HAVE REALIZED THE BENEFITS OF REUSING EXISTING COMPONENTS THAT HAVE BEEN WELL TESTED. WHILE THIS TREND AVOIDS REINVENTING THE WHEEL, IT COMES AT THE COST OF FINDING THE OPTIMUM SET OF EXISTING COMPONENTS TO BE UTILIZED AND HOW THEY SHOULD BE INTEGRATED TOGETHER AND WITH THE NEW NON-EXISTING COMPONENTS WHICH ARE TO BE DEVELOPED. THESE NONTRIVIAL TASKS HAVE LED TO CHALLENGING RESEARCH PROBLEMS IN THE ACADEMIA AND INDUSTRY. THESE ISSUES ARE ADDRESSED IN THIS BOOK, WHICH IS INTENDED TO BE A UNIQUE RESOURCE FOR RESEARCHERS, DEVELOPERS AND PRACTITIONERS.