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SUSTAINABLE INNOVATION AND REGIONAL DEVELOPMENT - Le LA KEBIR 2017-01-27

THIS BOOK QUESTIONS THE WAY CONTEMPORARY INNOVATION PROCESSES DEVELOP AND BECOME EMBEDDED IN TERRITORIES. IT ANALYSES RECENT DEVELOPMENTS IN TERRITORIAL SYSTEMS OF PRODUCTION, NETWORKS OF INNOVATION AND INNOVATIVE MILIEUS, WITH REGARD TO THE ISSUE OF SUSTAINABLE DEVELOPMENT. DRAWING ON 12 CASE STUDIES AIMED AT FOSTERING SUSTAINABLE DEVELOPMENT AND CONDUCTED BY AN EXPERIENCED TEAM OF INTERNATIONAL SCHOLARS, A NEW CONCEPTUAL APPROACH TO SUSTAINABLE INNOVATION IS PROPOSED. MORE BROADLY, IT ALSO REASSESSES THE DEVELOPMENT MODELS PROPOSED IN THE 1980S THAT EMERGED IN THE CONTEXT OF GLOBALIZATION, COMPETITIVENESS AND TECHNOLOGICAL INNOVATION.

**Pr** PA ENTRETIEN CAPES MATHS 2019 DANY-JACK MERCIER 2019

CANDELAIO - GIORDANO BRUNO 2016-09-21

NELLA COMMEDIA, DOVE BRUNO DEFINISCE SE STESSO UN «ACCADEMICO DI NULLA ACCADEMIA», MOSTRATO UN MONDO ASSURDO, VIOLENTO E CORROTTO, RAPPRESENTATO CON AMARA COMICITA', DOVE GLI EVENTI SI SUCCEDONO IN UNA TRASFORMAZIONE CONTINUA E VIVACE. LO STESSO APPARATO INTRODUTTIVO AI CINQUE ATTI IN CUI LA COMMEDIA SUDDIVISA RISULTA INCONSUETO E ARTICOLATO, PONENDOSI IN CONTRASTO CON I CANONI DELLA COMMEDIA TRADIZIONALE RINASCIMENTALE: ALLA POESIA INIZIALE INDIRIZZATA AI POETI E A UNA DEDICA ALLA SIGNORA MORGANA B. (PROBABILMENTE UNA CONOSCENTE DI BRUNO), SEGUONO UN "ARGUMENTO", DOVE BRUNO RIASSUME LA TRAMA; UN "ANTIPROLOGO", DOVE L'AUTORE CAPOVOLGENDO SUBITO QUANTO PROPOSTO IN PRECEDENZA, IRONIZZA SULLA POSSIBILITA' STESSA DI RAPPRESENTARE REALMENTE QUESTA COMMEDIA; UN "PROPROLOGO", DOVE EGLI POLEMIZZA CONTRO LE IDEOLOGIE FALSE, E UN "BIDELLO", CHE FINALMENTE LICENZIA LA COMMEDIA.

**ENGINEERING GEOLOGY FOR SOCIETY AND TERRITORY - VOLUME 3** - GIORGIO LOLLINO 2014-08-21

THIS BOOK IS ONE OUT OF 8 IAEG XII CONGRESS VOLUMES AND DEALS WITH RIVER BASINS, WHICH ARE THE FOCUS OF MANY HYDRAULIC ENGINEERING AND HYDROGEOLOGICAL STUDIES WORLDWIDE. SUCH STUDIES EXAMINE RIVER SYSTEMS AS BOTH A RESOURCE OF THE FLUVIAL ENVIRONMENT, AND ALSO EXPLORE RIVER-RELATED HAZARDS AND RISKS. THE CONTRIBUTIONS OF RESEARCHERS FROM DIFFERENT DISCIPLINES FOCUS ON: SURFACE-GROUNDWATER EXCHANGES, STREAM FLOW, STREAM EROSION, RIVER MORPHOLOGY AND MANAGEMENT, SEDIMENT TRANSPORT REGIMES, DEBRIS FLOWS, EVALUATION OF WATER RESOURCES, DAM OPERATION AND HYDROPOWER GENERATION, FLOOD RISKS AND FLOOD CONTROL, STREAM POLLUTION AND WATER QUALITY MANAGEMENT. THE CONTRIBUTIONS INCLUDE CASE STUDIES FOR ADVANCING FIELD MONITORING TECHNIQUES, IMPROVING MODELING AND ASSESSMENT OF RIVERS AND STUDIES CONTRIBUTING TO BETTER MANAGEMENT PLANS AND POLICIES FOR THE RIVER ENVIRONMENT AND WATER RESOURCES. THE ENGINEERING GEOLOGY FOR SOCIETY AND TERRITORY VOLUMES OF THE IAEG XII CONGRESS HELD IN TORINO FROM SEPTEMBER 15-19, 2014, ANALYZE THE DYNAMIC ROLE OF ENGINEERING GEOLOGY IN OUR CHANGING WORLD AND BUILD ON THE FOUR MAIN THEMES OF THE CONGRESS:

ENVIRONMENT, PROCESSES, ISSUES AND APPROACHES. THE CONGRESS TOPICS AND SUBJECT AREAS OF THE 8 IAEG XII CONGRESS VOLUMES ARE: CLIMATE CHANGE AND ENGINEERING GEOLOGY. LANDSLIDE PROCESSES. RIVER BASINS, RESERVOIR SEDIMENTATION AND WATER RESOURCES. MARINE AND COASTAL PROCESSES. URBAN GEOLOGY, SUSTAINABLE PLANNING AND LANDSCAPE EXPLOITATION. APPLIED GEOLOGY FOR MAJOR ENGINEERING PROJECTS. EDUCATION, PROFESSIONAL ETHICS AND PUBLIC RECOGNITION OF ENGINEERING GEOLOGY. PRESERVATION OF CULTURAL HERITAGE.

**GLASSES AND THE VITREOUS STATE** - JERZY ZARZYCKI 1991-07-25

THIS BOOK PROVIDES AN UP-TO-DATE AND COMPREHENSIVE COVERAGE OF THE PROPERTIES OF GLASSES AS MATERIALS AND OF THE VITREOUS STATE IN GENERAL. ASPECTS OF THE PHYSICS, CHEMISTRY, AND THERMODYNAMICS OF THE VITREOUS STATE ARE PRESENTED FIRST, TOGETHER WITH AN ANALYSIS OF THE METHODS OF STUDYING VITREOUS STRUCTURE. FOLLOWING A CLASSIFICATION OF THE DIFFERENT GLASS TYPES, THE AUTHOR PRESENTS THE RHEOLOGICAL, DIFFUSIONAL, ELECTRICAL, OPTICAL, THERMAL AND MECHANICAL PROPERTIES OF GLASSES. A CONDENSED SUMMARY OF GLASS PRODUCTION TECHNIQUES IS ALSO GIVEN, INCLUDING AN EXAMINATION OF SOL-GEL PROCESSING.

LEXICAL COMPETENCE - DIEGO MARCONI 1997

PROPOSES A DUAL PICTURE OF HUMAN LEXICAL COMPETENCE IN WHICH INFERENTIAL AND REFERENTIAL ABILITIES ARE SEPARATE. TOPICS DISCUSSED IN THE TEXT INCLUDE CLASSICAL ISSUES IN THE PHILOSOPHY OF LANGUAGE AND PHILOSOPHY OF MIND SUCH AS SEMANTIC HOLISM, DUAL-FACTOR THEORIES, PUBLICNESS, AND VERIFICATIONISM.

THE REJECTION OF CONSEQUENTIALISM - SAMUEL SCHEFFLER 1994-08-11

IN CONTEMPORARY PHILOSOPHY, SUBSTANTIVE MORAL THEORIES ARE TYPICALLY CLASSIFIED AS EITHER CONSEQUENTIALIST OR DEONTOLOGICAL. STANDARD CONSEQUENTIALIST THEORIES INSIST, ROUGHLY, THAT AGENTS MUST ALWAYS ACT SO AS TO PRODUCE THE BEST AVAILABLE OUTCOMES OVERALL. STANDARD DEONTOLOGICAL THEORIES, BY CONTRAST, MAINTAIN THAT THERE ARE SOME CIRCUMSTANCES WHERE ONE IS PERMITTED BUT NOT REQUIRED TO PRODUCE THE BEST OVERALL RESULTS, AND STILL OTHER CIRCUMSTANCES IN WHICH ONE IS POSITIVELY FORBIDDEN TO DO SO. CLASSICAL UTILITARIANISM IS THE MOST FAMILIAR CONSEQUENTIALIST VIEW, BUT IT IS WIDELY REGARDED AS AN INADEQUATE ACCOUNT OF MORALITY. ALTHOUGH PROFESSOR SCHEFFLER AGREES WITH THIS ASSESSMENT, HE ALSO BELIEVES THAT CONSEQUENTIALISM SEEMS INITIALLY PLAUSIBLE, AND THAT THERE IS A PERSISTENT AIR OF PARADOX SURROUNDING TYPICAL DEONTOLOGICAL VIEWS. IN THIS BOOK, THEREFORE, HE UNDERTAKES TO RECONSIDER THE REJECTION OF CONSEQUENTIALISM. HE ARGUES THAT IT IS POSSIBLE TO PROVIDE A RATIONALE FOR THE VIEW THAT AGENTS NEED NOT ALWAYS PRODUCE THE BEST POSSIBLE OVERALL OUTCOMES, AND THIS MOTIVATES ONE DEPARTURE FROM CONSEQUENTIALISM; BUT HE SHOWS THAT IT IS SURPRISINGLY DIFFICULT TO PROVIDE A SATISFACTORY RATIONALE FOR THE VIEW THAT THERE ARE TIMES WHEN AGENTS MUST NOT PRODUCE THE BEST POSSIBLE OVERALL OUTCOMES. HE GOES ON TO ARGUE FOR A HITHERTO NEGLECTED TYPE OF MORAL CONCEPTION, ACCORDING TO WHICH AGENTS ARE ALWAYS PERMITTED, BUT NOT ALWAYS REQUIRED, TO PRODUCE THE BEST OUTCOMES.

**INDUSTRIAL DISTRICTS** - GIACOMO BECATTINI 2004-01-01

THIS BOOK OUTLINES THE HISTORICAL FRAMEWORK AND THE MAIN CONCEPTS OF THE LITERATURE ON INDUSTRIAL DISTRICTS. IT ILLUSTRATES A NEW APPROACH TO THE STUDY OF INDUSTRIAL DEVELOPMENT, BASED ON WELL-KNOWN INDUSTRIAL DISTRICTS ANALYSIS. ACADEMICS, POLITICIANS AND STUDENTS INTERESTED IN LOCAL DEVELOPMENT AND ALSO INDUSTRIAL DEVELOPMENT WILL FIND MUCH TO LEARN IN INDUSTRIAL DISTRICTS, AS WILL INDUSTRIAL GEOGRAPHERS AND HISTORIANS OF INDUSTRY AND OF ECONOMIC THOUGHT.

**VOCABULARY INSTRUCTION** - EDWARD J. KAME'ENUI 2012-03-28

THIS HIGHLY REGARDED WORK BRINGS TOGETHER PROMINENT AUTHORITIES ON VOCABULARY TEACHING AND LEARNING TO PROVIDE A COMPREHENSIVE YET CONCISE GUIDE TO EFFECTIVE INSTRUCTION. THE BOOK SHOWCASES PRACTICAL WAYS TO TEACH SPECIFIC VOCABULARY WORDS AND WORD-LEARNING STRATEGIES AND CREATE ENGAGING, WORD-RICH CLASSROOMS. INSTRUCTIONAL ACTIVITIES AND GAMES FOR DIVERSE LEARNERS ARE BROUGHT TO LIFE WITH DETAILED EXAMPLES. DRAWING ON THE MOST RIGOROUS RESEARCH AVAILABLE, THE EDITORS AND CONTRIBUTORS DISTILL WHAT PREK-8 TEACHERS NEED TO KNOW AND DO TO SUPPORT ALL STUDENTS' ONGOING VOCABULARY GROWTH AND ENJOYMENT OF READING. NEW TO THIS EDITION\*REFLECTS THE LATEST RESEARCH AND INSTRUCTIONAL PRACTICES.\*NEW SECTION (FIVE CHAPTERS) ON PRESSING CURRENT ISSUES IN THE FIELD: ASSESSMENT, AUTHENTIC READING EXPERIENCES, ENGLISH LANGUAGE LEARNERS, USES OF MULTIMEDIA TOOLS, AND THE VOCABULARIES OF NARRATIVE AND INFORMATIONAL TEXTS.\*CONTRIBUTOR PANEL EXPANDED WITH ADDITIONAL LEADING RESEARCHERS.

**THE GEOMETRICAL WORK OF GIRARD DESARGUES** - JUDITH V. FIELD 2012-12-06

OUR MAIN PURPOSE IN THIS BOOK IS TO PRESENT AN ENGLISH TRANSLATION OF DESARGUES' ROUGH DRAFT OF AN ESSAY ON THE RESULTS OF TAKING PLANE SECTIONS OF A CONE (1639), THE PAMPHLET WITH WHICH THE MODERN STUDY OF PROJECTIVE GEOMETRY BEGAN. DESPITE ITS ACKNOWLEDGED IMPORTANCE IN THE HISTORY OF MATHEMATICS, THE WORK HAS NEVER BEEN TRANSLATED BEFORE IN ITS ENTIRETY, ALTHOUGH SHORT EXTRACTS HAVE APPEARED IN SEVERAL SOURCE BOOKS. THE PROBLEMS OF MAKING DESARGUES' WORK ACCESSIBLE TO MODERN MATHEMATICIANS AND HISTORIANS OF MATHEMATICS HAVE LED US TO PROVIDE A FAIRLY ELABORATE INTRODUCTION, AND TO INCLUDE TRANSLATIONS OF OTHER RELEVANT WORKS. THE TRANSLATION OF THE ROUGH DRAFT ON CONICS (AS WE SHALL CALL IT) THUS APPEARS IN CHAPTER VI, THE FIVE PRECEDING CHAPTERS FORMING AN INTRODUCTION AND THE THREE FOLLOWING ONES GIVING TRANSLATIONS OF OTHER WORKS BY DESARGUES. CHAPTER I BRIEFLY REVIEWS PARTS OF ANCIENT GEOMETRICAL WORKS AVAILABLE TO DESARGUES WHICH SEEM TO BE RELEVANT TO HIS OWN WORK, NAMELY THEOREMS IN EUCLID'S ELEMENTS, THE FIRST FOUR BOOKS OF APOLLONIUS' CONICS AND SOME REMARKS BY PAPPUS IN HIS COLLECTION. THESE HELLENISTIC WORKS BELONG TO THE 'HIGH' MATHEMATICAL TRADITION WHOSE DEVELOPMENT HAS BEEN THE MAIN THEME OF ALL HISTORIES OF MATHEMATICS. IT IS FROM THESE WORKS THAT DESARGUES TOOK THE THEOREMS WHOSE THEORY HE WAS TO REFORMULATE IN THE ROUGH DRAFT ON CONICS.

**REMEMBERING THE KANJI 3** - JAMES W. HEISIG 2008-01-01

VOLUME 2 (4TH ED.) UPDATED TO INCLUDE THE 196 KANJA APPROVED IN 2010 FOR GENERAL USE.

**GIBBS SEMIGROUPS** - VALENTIN A. ZAGREBNOV 2019-11-17

THIS BOOK FOCUSES ON THE THEORY OF THE GIBBS SEMIGROUPS, WHICH ORIGINATED IN THE 1970S AND WAS MOTIVATED BY THE STUDY OF STRONGLY CONTINUOUS OPERATOR SEMIGROUPS WITH VALUES IN THE TRACE-CLASS IDEAL. THE BOOK OFFERS AN UP-TO-DATE, EXHAUSTIVE OVERVIEW OF THE ADVANCES ACHIEVED IN THIS THEORY AFTER HALF A CENTURY OF DEVELOPMENT. IT BEGINS WITH A TUTORIAL INTRODUCTION TO THE NECESSARY BACKGROUND MATERIAL, BEFORE PRESENTING THE GIBBS SEMIGROUPS AND THEN PROVIDING DETAILED AND SYSTEMATIC INFORMATION ON THE TROTTER-KATO PRODUCT FORMULAE IN THE TRACE-NORM TOPOLOGY. IN ADDITION TO REVIEWING THE STATE-OF-ART CONCERNING THE TROTTER-KATO PRODUCT FORMULAE, THE BOOK EXTENDS THE SCOPE OF EXPOSITION FROM THE TRACE-CLASS IDEAL TO OTHER IDEALS. HERE, SPECIAL ATTENTION IS PAID TO RESULTS ON SEMIGROUPS IN SYMMETRICALLY NORMED IDEALS AND IN THE DIXMIER IDEAL. BY EXAMINING THE PROGRESS MADE IN GIBBS SEMIGROUP THEORY AND IN EXTENSIONS OF THE TROTTER-KATO PRODUCT FORMULAE TO SYMMETRICALLY NORMED AND DIXMIER IDEALS, THE BOOK SHARES TIMELY AND VALUABLE INSIGHTS FOR READERS INTERESTED IN PURSUING THESE SUBJECTS FURTHER. AS SUCH, IT WILL APPEAL TO RESEARCHERS, UNDERGRADUATE AND GRADUATE STUDENTS IN MATHEMATICS AND MATHEMATICAL PHYSICS.

**THE SECRET PEARL** - MARY BALOGH 2005-11-29

BONUS: THIS EDITION CONTAINS AN EXCERPT FROM MARY BALOGH'S THE SECRET MISTRESS. MARY BALOGH HAS NO EQUAL WHEN IT COMES TO CAPTURING THE COMPLEX, IRRESISTIBLE PASSIONS BETWEEN MEN AND WOMEN. HER CLASSIC NOVEL, THE SECRET PEARL, IS ONE OF THE NEW YORK TIMES BESTSELLING AUTHOR'S FINEST--A TALE OF TEMPTATION AND SEDUCTION, OF GUARDED HEARTS AND RAW EMOTION...AND OF A LOVE SO POWERFUL IT WILL TAKE YOUR BREATH AWAY.... HE FIRST SPIES HER IN THE SHADOWS OUTSIDE A LONDON THEATRE, A RAVISHING CREATURE FORCED TO BARTER HER BODY TO SURVIVE. TO THE WOMAN KNOWN SIMPLY AS FLEUR, THE WELL-DRESSED GENTLEMAN WITH THE MESMERIZING EYES IS AN UNLIKELY SAVIOR. AND WHEN SHE TAKES THE STRANGER TO HER BED, SHE NEVER EXPECTS TO SEE HIM AGAIN. BUT THEN FLEUR ACCEPTS A POSITION AS GOVERNESS TO A YOUNG GIRL...AND IS STUNNED TO DISCOVER THAT HER MIDNIGHT LOVER IS A POWERFUL NOBLEMAN. AS TWO WARY HEARTS IGNITE--AND THE THREAT OF SCANDAL HOVERS OVER THEM--ONE QUESTION REMAINS: WILL SHE BE MISTRESS OR WIFE?

*ON THE LOADSTONE AND MAGNETIC BODIES* - WILLIAM GILBERT 1952

DIGITAL HUMANITIES - OLIVIER LE DEUFF 2018-06-19

WHERE DO THE DIGITAL HUMANITIES REALLY COME FROM? ARE THEY REALLY NEWS? WHAT ARE THE THEORETICAL AND TECHNICAL INFLUENCES THAT PARTICIPATE IN THIS SCIENTIFIC FIELD THAT AROUSES INTEREST AND QUESTIONS? THIS BOOK TRIES TO SHOW AND EXPLAIN THE MAIN THEORIES AND METHODS THAT HAVE ALLOWED THEIR CURRENT CONSTITUTION. THE AIM OF THE BOOK IS TO PROPOSE A NEW WAY TO UNDERSTAND THE HISTORY OF DIGITAL HUMANITIES IN A BROADER PERSPECTIVE THAN THE CLASSIC HISTORY WITH THE PROJECT OF ROBERT BUSA. THE SHORT DIGITAL HUMANITIES PERSPECTIVE NEGLECTS LOTS OF ACTORS AND DISCIPLINES. THE BOOK TRIES TO SHOW THE IMPORTANCE OF OTHER FIELDS THAN HUMANITIES COMPUTING LIKE SCIENTOMETRY, INFOMETRY, ECONOMETRY, MATHEMATICAL LINGUISTICS, GEOGRAPHY AND DOCUMENTATION.

**UNDERSTANDING SOLIDS** - RICHARD J. D. TILLEY 2005-09-27

A MODERN INTRODUCTION TO THE SUBJECT TAKING A UNIQUE INTEGRATED APPROACH DESIGNED TO APPEAL TO BOTH SCIENCE AND ENGINEERING STUDENTS. COVERING A BROAD SPECTRUM OF TOPICS, THIS BOOK INCLUDES NUMEROUS UP-TO-DATE EXAMPLES OF REAL MATERIALS WITH RELEVANT APPLICATIONS AND A MODERN TREATMENT OF KEY CONCEPTS. THE SCIENCE BIAS ALLOWS THIS BOOK TO BE EQUALLY ACCESSIBLE TO ENGINEERS, CHEMISTS AND PHYSICISTS. \* CAREFULLY STRUCTURED INTO SELF-CONTAINED BITE-SIZED CHAPTERS TO ENHANCE STUDENT UNDERSTANDING \* QUESTIONS HAVE BEEN DESIGNED TO REINFORCE THE CONCEPTS PRESENTED \* INCLUDES COVERAGE OF RADIOACTIVITY \* REFLECTS A RAPIDLY GROWING FIELD FROM THE SCIENCE PERSPECTIVE

**CORPORA IN COGNITIVE LINGUISTICS** - STEFAN TH. GRIES 2007-01-01

COGNITIVE LINGUISTICS, THE BRANCH OF LINGUISTICS THAT TRIES TO "MAKE ONE'S ACCOUNT OF HUMAN LANGUAGE ACCORD WITH WHAT IS GENERALLY KNOWN ABOUT THE MIND AND THE BRAIN," HAS BECOME ONE OF THE MOST FLOURISHING FIELDS OF CONTEMPORARY LINGUISTICS. THE CHAPTERS ADDRESS MANY CLASSIC TOPICS OF COGNITIVE LINGUISTICS. THESE TOPICS INCLUDE STUDIES ON THE SEMANTICS OF SPECIFIC WORDS (INCLUDING POLYSEMY AND SYNONYMY) AS WELL AS SEMANTIC CHARACTERISTICS OF PARTICULAR SYNTACTIC PATTERNS / CONSTRUCTIONS (INCLUDING CONSTRUCTIONAL SYNONYMY AND THE SCHEMATICITY OF CONSTRUCTIONS), THE ANALYSIS OF CAUSATIVES, TRANSITIVITY, AND IMAGE-SCHEMATIC ASPECTS OF POSTURE VERBS. THE KEY CHARACTERISTIC OF THIS VOLUME IS THAT ALL PAPERS ADOPT THE METHODOLOGICAL PERSPECTIVE OF CORPUS LINGUISTICS, THE RAPIDLY EVOLVING BRANCH OF LINGUISTICS BASED ON THE COMPUTERIZED ANALYSIS OF LANGUAGE USED IN AUTHENTIC SETTINGS. THUS, THE CONTRIBUTIONS DO NOT ONLY ALL PROVIDE VARIOUS NEW INSIGHTS IN THEIR RESPECTIVE FIELDS, THEY ALSO INTRODUCE NEW DATA AS WELL AS NEW CORPUS-BASED AND QUANTITATIVE METHODS OF ANALYSIS. ON THE BASIS OF THEIR FINDINGS, THE AUTHORS DISCUSS BOTH THEORETICAL IMPLICATIONS GOING WELL BEYOND THE SINGULAR TOPICS OF THE STUDIES AND SHOW HOW THE DISCIPLINE OF COGNITIVE LINGUISTICS CAN BENEFIT FROM THE RIGOROUS ANALYSIS OF NATURALLY-OCCURRING LANGUAGE. THE LANGUAGES WHICH ARE INVESTIGATED ARE ENGLISH, GERMAN, DUTCH, AND RUSSIAN, AND THE DATA COME FROM A VARIETY OF DIFFERENT CORPORA. AS SUCH, THE PRESENT VOLUME WILL BE OF INTEREST TO A WIDE RANGE OF SCHOLARS WITH MANY DIFFERENT FOCI AND INTERESTS AND SHOULD PAVE THE WAY FOR FURTHER INTEGRATION OF USAGE-BASED TECHNIQUES OF ANALYSIS WITHIN THIS EXCITING PARADIGM.

CREATING THE HOUSE OF EUROPEAN HISTORY - ANDREA MORK 2018

RICCI FLOW AND GEOMETRIC APPLICATIONS - MICHEL BOILEAU 2016-09-09

PRESENTING SOME IMPRESSIVE RECENT ACHIEVEMENTS IN DIFFERENTIAL GEOMETRY AND TOPOLOGY, THIS VOLUME FOCUSES ON RESULTS OBTAINED USING TECHNIQUES BASED ON RICCI FLOW. THESE IDEAS ARE AT THE CORE OF THE STUDY OF DIFFERENTIABLE MANIFOLDS.

SEVERAL VERY IMPORTANT OPEN PROBLEMS AND CONJECTURES COME FROM THIS AREA AND THE TECHNIQUES DESCRIBED HEREIN ARE USED TO FACE AND SOLVE SOME OF THEM. THE BOOK'S FOUR CHAPTERS ARE BASED ON LECTURES GIVEN BY LEADING RESEARCHERS IN THE FIELD OF GEOMETRIC ANALYSIS AND LOW-DIMENSIONAL GEOMETRY/TOPLOGY, RESPECTIVELY OFFERING AN INTRODUCTION TO: THE DIFFERENTIABLE SPHERE THEOREM (G. BESSON), THE GEOMETRIZATION OF 3-MANIFOLDS (M. BOILEAU), THE SINGULARITIES OF 3-DIMENSIONAL RICCI FLOWS (C. SINISTRARI), AND KÄHLER-RICCI FLOW (G. TIAN). THE LECTURES WILL BE PARTICULARLY VALUABLE TO YOUNG RESEARCHERS INTERESTED IN DIFFERENTIAL MANIFOLDS.

*ON TRANSLATION* - PAUL RICOEUR 2007-01-24

PAUL RICOEUR WAS ONE OF THE MOST IMPORTANT PHILOSOPHERS OF THE TWENTIETH CENTURY. IN THIS SHORT AND ACCESSIBLE BOOK, HE TURNS TO A TOPIC AT THE HEART OF MUCH OF HIS WORK: WHAT IS TRANSLATION AND WHY IS IT SO IMPORTANT? REMINDING US THAT THE BIBLE, THE KORAN, THE TORAH AND THE WORKS OF THE GREAT PHILOSOPHERS ARE OFTEN ONLY EVER READ IN TRANSLATION, RICOEUR REMINDS US THAT TRANSLATION NOT ONLY SPREADS KNOWLEDGE BUT CAN CHANGE ITS VERY MEANING. IN SPITE OF THESE RISK, HE ARGUES THAT IN A CLIMATE OF ETHNIC AND RELIGIOUS CONFLICT, THE ART AND ETHICS OF TRANSLATION ARE INVALUABLE. DRAWING ON INTERESTING EXAMPLES SUCH AS THE TRANSLATION OF EARLY GREEK PHILOSOPHY DURING THE RENAISSANCE, THE POETRY OF PAUL CELAN AND THE WORK OF HANNAH ARENDT, HE REFLECTS NOT ONLY ON THE CHALLENGES OF TRANSLATING ONE LANGUAGE INTO ANOTHER BUT HOW ONE COMMUNITY SPEAKS TO ANOTHER. THROUGHOUT, RICOEUR SHOWS HOW TO MOVE THROUGH LIFE IS TO NAVIGATE A WORLD THAT REQUIRES TRANSLATION ITSELF. PAUL RICOEUR DIED IN 2005. HE WAS ONE OF THE GREAT CONTEMPORARY FRENCH PHILOSOPHERS AND A LEADING FIGURE IN HERMENEUTICS, PSYCHOANALYTIC THOUGHT, LITERARY THEORY AND RELIGION. HIS MANY BOOKS INCLUDE FREUD AND PHILOSOPHY AND TIME AND NARRATIVE.

*GEOMORPHOLOGY IN THE ANTHROPOCENE* - ANDREW S. GOUDIE 2016-10-10

A COMPREHENSIVE TREATMENT OF THE HUMAN ROLE IN MODIFYING GEOMORPHOLOGICAL FORMS AND PROCESSES AND THEIR INFLUENCE ON THE EARTH'S SYSTEMS.

SIR ISAAC NEWTON'S MATHEMATICAL PRINCIPLES OF NATURAL PHILOSOPHY AND HIS SYSTEM OF THE WORLD - ISAAC NEWTON 2022-05-27

THIS TITLE IS PART OF UC PRESS'S VOICES REVIVED PROGRAM, WHICH COMMEMORATES UNIVERSITY OF CALIFORNIA PRESS'S MISSION TO SEEK OUT AND CULTIVATE THE BRIGHTEST MINDS AND GIVE THEM VOICE, REACH, AND IMPACT. DRAWING ON A BACKLIST DATING TO 1893, VOICES REVIVED MAKES HIGH-QUALITY, PEER-REVIEWED SCHOLARSHIP ACCESSIBLE ONCE AGAIN USING PRINT-ON-DEMAND TECHNOLOGY. THIS TITLE WAS ORIGINALLY PUBLISHED IN 1934.

**THE CRITICAL POINT** - C DOMB 2014-04-21

THE RELATIONSHIP BETWEEN LIQUIDS AND GASES ENGAGED THE ATTENTION OF A NUMBER OF DISTINGUISHED SCIENTISTS IN THE MID 19TH CENTURY. IN A DEFINITIVE PAPER PUBLISHED IN 1869, THOMAS ANDREWS DESCRIBED EXPERIMENTS HE PERFORMED ON CARBON DIOXIDE AND FROM WHICH HE CONCLUDED THAT A CRITICAL TEMPERATURE EXISTS BELOW WHICH LIQUIDS AND GASES ARE DISTINCT PHASES OF MATTER, BUT ABOVE WHICH THEY MERGE INTO A SINGLE FLUID PHASE. DURING THE YEARS WHICH FOLLOWED, OTHER NATURAL PHENOMENA WERE DISCOVERED TO WHICH THE SAME CRITICAL POINT DESCRIPTION CAN BE APPLIED - SUCH AS FERROMAGNETISM AND SOLUTIONS. THIS BOOK PROVIDES AN HISTORICAL ACCOUNT OF THEORETICAL EXPLANATIONS OF CRITICAL PHENOMENA WHICH ULTIMATELY LED TO A MAJOR TRIUMPH OF STATISTICAL MECHANICS IN THE 20TH CENTURY - WITH THE AWARD OF THE NOBEL PRIZE FOR PHYSICS

**LANDFORMS OF THE EARTH** - FRANCISCO GUTIÉRREZ 2016-04-29

THIS IS A HIGHLY ILLUSTRATED BOOK WITH EACH LANDFORM BEING DESCRIBED WITH THE FOLLOWING STRUCTURE: (1) MAIN CHARACTERISTICS, INCLUDING GEOMETRIC, MORPHOMETRIC AND SEDIMENTOLOGICAL FEATURES. (2) GENETIC PROCESSES AND CONTROLLING FACTORS. (3) DIFFERENT TYPOLOGIES IF APPLICABLE. (4) ADDITIONAL COMMENTS RELATED TO VARIOUS RELEVANT ASPECTS SUCH AS ENVIRONMENTAL IMPLICATIONS OR GEOGRAPHICAL DISTRIBUTION. IMAGE VISUALIZATION OF LANDFORMS IS ESSENTIAL FOR LEARNING GEOMORPHOLOGY AND STIMULATING THE INTEREST IN THIS FIELD-BASED SUBJECT; A PICTURE IS WORTH A THOUSAND WORDS. CONSEQUENTLY, THE BOOK CONSTITUTES A VALUABLE EDUCATIONAL RESOURCE FOR EVERY UNIVERSITY STUDENT ENROLLED IN COURSES RELATED WITH EARTH SURFACE PROCESSES AND LANDFORMS (E.G. GEOMORPHOLOGY, PHYSICAL GEOGRAPHY, GEOLOGY, GEOHAZARDS, ENVIRONMENTAL SCIENCES.). THE BOOK IS ALSO ATTRACTIVE TO TRAVELLERS AND PEOPLE KEEN ON NATURE WHO WANT TO KNOW ABOUT THE TERMINOLOGY AND ORIGIN OF THE LANDFORMS THEY ENCOUNTER IN THEIR TRIPS. IN MANY CASES, THE GEOMORPHOLOGICAL FEATURES CONSTITUTE THE MAIN ASSET OF FIRST-CLASS PROTECTED AREAS (E.G., UNESCO WORLD HERITAGE SITES, NATIONAL PARKS).

ESSENTIALS OF ENGLISH GRAMMAR - OTTO JESPERSEN 2013-05-24

THIS BOOK WAS FIRST PUBLISHED IN 1933, ESSENTIALS OF ENGLISH GRAMMAR IS A VALUABLE CONTRIBUTION TO THE FIELD OF ENGLISH LANGUAGE AND LINGUISTICS.

*REAL ALGEBRAIC VARIETIES* - FRÉDÉRIC MANGOLTE 2020-09-21

THIS BOOK GIVES A SYSTEMATIC PRESENTATION OF REAL ALGEBRAIC VARIETIES. REAL ALGEBRAIC VARIETIES ARE UBIQUITOUS. THEY ARE THE FIRST OBJECTS ENCOUNTERED WHEN LEARNING OF COORDINATES, THEN EQUATIONS, BUT THE SYSTEMATIC STUDY OF THESE OBJECTS, HOWEVER ELEMENTARY THEY MAY BE, IS FORMIDABLE. THIS BOOK IS INTENDED FOR TWO KINDS OF AUDIENCES: IT ACCOMPANIES THE READER, FAMILIAR WITH ALGEBRA AND GEOMETRY AT THE MASTERS LEVEL, IN LEARNING THE BASICS OF THIS RICH THEORY, AS MUCH AS IT BRINGS TO THE MOST ADVANCED READER MANY FUNDAMENTAL RESULTS OFTEN MISSING FROM THE AVAILABLE LITERATURE, THE "FOLKLORE". IN PARTICULAR, THE INTRODUCTION OF TOPOLOGICAL METHODS OF THE THEORY TO NON-SPECIALISTS IS ONE OF THE ORIGINAL FEATURES OF THE BOOK. THE FIRST THREE CHAPTERS INTRODUCE THE BASIS AND CLASSICAL METHODS OF REAL AND COMPLEX ALGEBRAIC GEOMETRY. THE LAST THREE CHAPTERS EACH FOCUS ON ONE MORE SPECIFIC ASPECT OF REAL ALGEBRAIC VARIETIES. A

PANORAMA OF CLASSICAL KNOWLEDGE IS PRESENTED, AS WELL AS MAJOR DEVELOPMENTS OF THE LAST TWENTY YEARS IN THE TOPOLOGY AND GEOMETRY OF VARIETIES OF DIMENSION TWO AND THREE, WITHOUT FORGETTING CURVES, THE CENTRAL SUBJECT OF HILBERT'S FAMOUS SIXTEENTH PROBLEM. VARIOUS LEVELS OF EXERCISES ARE GIVEN, AND THE SOLUTIONS OF MANY OF THEM ARE PROVIDED AT THE END OF EACH CHAPTER.

**LANDSCAPES AND LANDFORMS OF FRANCE** - MONIQUE FORT 2013-08-23

THE LANDFORMS AND LANDSCAPES OF FRANCE PROVIDES AN INFORMATIVE AND ATTRACTIVE OVERVIEW OF THE MOST SCENIC LANDSCAPES OF FRANCE. THE GEODIVERSITY OF FRANCE IS EMPHASIZED, FOR EXAMPLE THE GLACIAL LANDSCAPES OF THE MONT-BLANC MASSIF, THE VOLCANOES OF THE FRENCH MASSIF CENTRAL, THE CHALK CLIFFS AND SAND DUNES OF THE ATLANTIC COAST, THE GRANITIC LANDSCAPES OF CORSICA OR THE LAGOONS AND CORAL REEFS OF FRENCH POLYNESIA. THE OBJECTIVES ARE TO PROVIDE THE READER WITH AN ENJOYABLE AND INFORMATIVE DESCRIPTION OF THE SELECTED SITES WITHIN THEIR REGIONAL GEOGRAPHICAL AND GEOLOGICAL SETTINGS; TO OFFER AN UP-TO-DATE SURVEY OF THE EVOLUTION OF FRANCE'S LANDSCAPE; AND TO GIVE ADDITIONAL INFORMATION ON THE CULTURAL VALUE OF THE SELECTED SITES WHEREVER APPROPRIATE (PREHISTORIC PAINTINGS, LEGENDS RELATED TO SITES, FAMOUS VINEYARDS, ETC.). THE BOOK IS A RICHLI ILLUSTRATED REFERENCE WORK THAT MAKES ACCESSIBLE FOR THE FIRST TIME A WEALTH OF INFORMATION CURRENTLY SCATTERED AMONG MANY NATIONAL AND REGIONAL JOURNALS. IT WILL BE OF BENEFIT TO EARTH SCIENTISTS, ENVIRONMENTAL SCIENTISTS, TOURISM GEOGRAPHERS AND CONSERVATIONISTS

**FUNDAMENTAL STRUCTURES OF ALGEBRA** - GEORGE D. MOSTOW 1963

**CAUSAL LOOPS IN TIME TRAVEL** - NICOLAE SFETCU 2019-02-16

ABOUT THE POSSIBILITY OF TIME TRAVELING BASED ON SEVERAL SPECIALIZED WORKS, INCLUDING THOSE OF NICHOLAS J. J. SMITH ("TIME TRAVEL"), WILLIAM GREY ("TROUBLES WITH TIME TRAVEL"), ULRICH MEYER ("EXPLAINING CAUSAL LOOPS"), SIMON KELLER AND MICHAEL NELSON ("PRESENTISTS SHOULD BELIEVE IN TIME-TRAVEL"), FRANK ARNTZENIUS AND TIM MAUDLIN ("TIME TRAVEL AND MODERN PHYSICS"), AND DAVID LEWIS ("THE PARADOXES OF TIME TRAVEL"). THE ARTICLE BEGINS WITH AN INTRODUCTION IN WHICH I MAKE A SHORT PRESENTATION OF THE TIME TRAVEL, AND CONTINUES WITH A HISTORY OF THE CONCEPT OF TIME TRAVEL, MAIN PHYSICAL ASPECTS OF TIME TRAVEL, INCLUDING BACKWARD TIME TRAVEL IN THE PAST IN GENERAL RELATIVITY AND QUANTUM PHYSICS, AND TIME TRAVEL IN THE FUTURE, THEN A PRESENTATION OF THE GRANDFATHER PARADOX THAT IS APPROACHED IN ALMOST ALL SPECIALIZED WORKS, FOLLOWED BY A SECTION DEDICATED TO THE PHILOSOPHY OF TIME TRAVEL, AND A SECTION IN WHICH I ANALYZE CAUSAL LOOPS FOR TIME TRAVEL. I FINISH MY WORK WITH CONCLUSIONS, IN WHICH I SUSTAIN MY PERSONAL OPINIONS ON THE TIME TRAVEL, AND THE BIBLIOGRAPHY ON WHICH THE WORK IS BASED. KEYWORDS: TIME TRAVEL, GRANDFATHER PARADOX, CAUSAL LOOPS, TEMPORAL PARADOXES, CAUSALITY CONTENTS ABSTRACT INTRODUCTION HISTORY OF THE CONCEPT OF TIME TRAVEL GRANDFATHER PARADOX THE PHILOSOPHY OF TIME TRAVEL CAUSAL LOOPS CONCLUSIONS BIBLIOGRAPHY NOTES DOI: 10.13140/RG.2.2.17802.31680 [Le](#) [on CAPES 2019](#) DANY-JACK MERCIER 2018

**CLASS AT WORK** - CRAIG R. LITTLER 1984

**NUMBER THEORY AND ALGEBRAIC GEOMETRY** - MILES REID 2003

SIR PETER SWINNERTON-DYER'S MATHEMATICAL CAREER ENCOMPASSES MORE THAN 60 YEARS' WORK OF AMAZING CREATIVITY. THIS VOLUME PROVIDES CONTEMPORARY INSIGHT INTO SEVERAL SUBJECTS IN WHICH SIR PETER'S INFLUENCE HAS BEEN NOTABLE, AND IS DEDICATED TO HIS 75TH BIRTHDAY. THE OPENING SECTION REVIEWS SOME OF HIS MANY REMARKABLE CONTRIBUTIONS TO MATHEMATICS AND OTHER FIELDS. THE REMAINING CONTRIBUTIONS COME FROM LEADING RESEARCHERS IN ANALYTIC AND ARITHMETIC NUMBER THEORY, AND ALGEBRAIC GEOMETRY. THE TOPICS TREATED INCLUDE: RATIONAL POINTS ON ALGEBRAIC VARIETIES, THE HASSE PRINCIPLE, SHAFAREVICH-TATE GROUPS OF ELLIPTIC CURVES AND MOTIVES, ZAGIER'S CONJECTURES, DESCENT AND ZERO-CYCLES, DIOPHANTINE APPROXIMATION, AND ABELIAN AND FANO VARIETIES.

**MODERN MATHEMATICS** - GEORGES PAPY 1968

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EXCURSION INTO P-ADIC HODGE THEORY - 2020

**UNIVERSITY WRITING: SELVES AND TEXTS IN ACADEMIC SOCIETIES** - MONTSERRAT CASTELL  2012-02-03

EXAMINES TRENDS IN THE DIFFERENT THEORETICAL PERSPECTIVES (COGNITIVE, SOCIAL AND CULTURAL) AND DERIVED PRACTICES IN THE ACTIVITY OF WRITING IN HIGHER EDUCATION. THIS VOLUME SAMPLES WRITING RESEARCH TRADITIONS AND PERSPECTIVES BOTH IN EUROPE AND THE UNITED STATES.

**AN HISTORICAL GEOGRAPHY OF FRANCE** - XAVIER DE PLANHOL 1994-03-17

IN THIS 1994 BOOK, XAVIER DE PLANHOL AND PAUL CLAVAL, TWO OF FRANCE'S LEADING SCHOLARS IN THE FIELD, TRACE THE HISTORICAL GEOGRAPHY OF THEIR COUNTRY FROM ITS ROOTS IN THE ROMAN PROVINCE OF GAUL TO THE 1990S. THEY DEMONSTRATE HOW, FOR CENTURIES, FRANCE WAS LITTLE MORE THAN AN IDEOLOGICAL CONCEPT, DESPITE ITS NATURAL PHYSICAL BOUNDARIES AND LONG TERRITORIAL HISTORY. THEY EXAMINE THE RELATIVELY LATE DEVELOPMENT OF A MORE COMPLEX TERRITORIAL GEOGRAPHY, INVOLVING POLITICAL, RELIGIOUS, CULTURAL, AGRICULTURAL AND INDUSTRIAL UNITIES AND DIVERSITIES. THE CONCLUSION REACHED IS THAT ONLY IN THE TWENTIETH CENTURY HAD FRANCE ACHIEVED A PROFOUND TERRITORIAL UNITY AND ONLY NOW ARE THE FRAGMENTATIONS OF THE PAST BEING OVERWRITTEN.

**SOURCE-TO-SINK FLUXES IN UNDISTURBED COLD ENVIRONMENTS** - ACHIM A. BEYLICH 2016-07-07

PROVIDES THE FIRST QUANTITATIVE OVERVIEW OF GLOBAL SOURCE-TO-SINK FLUXES IN COLD CLIMATE ENVIRONMENTS FOR GRADUATE STUDENTS AND RESEARCHERS.

**REMEMBERING THE KANJI 2** - JAMES W. HEISIG 2012-04-30

FOLLOWING THE FIRST VOLUME OF REMEMBERING THE KANJI, THE PRESENT WORK PROVIDES STUDENTS WITH HELPFUL TOOLS FOR LEARNING THE PRONUNCIATION OF THE KANJI. BEHIND THE NOTORIOUS INCONSISTENCIES IN THE WAY THE JAPANESE LANGUAGE HAS COME TO PRONOUNCE THE CHARACTERS IT RECEIVED FROM CHINA LIE SEVERAL COHERENT PATTERNS. IDENTIFYING THESE PATTERNS AND ARRANGING THEM IN LOGICAL ORDER CAN REDUCE DRAMATICALLY THE AMOUNT OF TIME SPENT IN THE BRUTE MEMORIZATION OF SOUNDS UNRELATED TO WRITTEN FORMS. MANY OF THE "PRIMITIVE ELEMENTS," OR BUILDING BLOCKS, USED IN THE DRAWING OF THE CHARACTERS ALSO SERVE TO INDICATE THE "CHINESE READING" THAT PARTICULAR KANJI USE, CHIEFLY IN COMPOUND TERMS. BY LEARNING ONE OF THE KANJI THAT USES SUCH A "SIGNAL PRIMITIVE," ONE CAN LEARN THE ENTIRE GROUP AT THE SAME TIME. IN THIS WAY, REMEMBERING THE KANJI 2 LAYS OUT THE VARIETIES OF PHONETIC PATTERN AND OFFERS HELPFUL HINTS FOR LEARNING READINGS, THAT MIGHT OTHERWISE APPEAR COMPLETELY RANDOM, IN AN EFFICIENT AND RATIONAL WAY. INDIVIDUAL FRAMES CROSS-REFERENCE THE KANJI TO ALTERNATE READINGS AND TO THE FRAME IN VOLUME 1 IN WHICH THE MEANING AND WRITING OF THE KANJI WAS FIRST INTRODUCED. A PARALLEL SYSTEM OF PRONOUNCING THE KANJI, THEIR "JAPANESE READINGS," USES NATIVE JAPANESE WORDS ASSIGNED TO PARTICULAR CHINESE CHARACTERS. ALTHOUGH THESE ARE MORE EASILY LEARNED BECAUSE OF THE ASSOCIATION OF THE MEANING TO A SINGLE WORD, THE AUTHOR CREATES A KIND OF PHONETIC ALPHABET OF SINGLE SYLLABLE WORDS, EACH CONNECTED TO A SIMPLE JAPANESE WORD, AND SHOWS HOW THEY CAN BE COMBINED TO HELP MEMORIZE PARTICULARLY TROUBLESOME VOCABULARY. THE 4TH EDITION HAS BEEN UPDATED TO INCLUDE THE 196 NEW KANJI APPROVED BY THE GOVERNMENT IN 2010 AS "GENERAL-USE" KANJI.

**LET HISTORY INTO THE MATHEMATICS CLASSROOM** -  VELYNE BARBIN 2017-10-27

THIS BOOK BRINGS TOGETHER 10 EXPERIMENTS WHICH INTRODUCE HISTORICAL PERSPECTIVES INTO MATHEMATICS CLASSROOMS FOR 11 TO 18-YEAR-OLDS. THE AUTHORS SUGGEST THAT STUDENTS SHOULD NOT ONLY READ ANCIENT TEXTS, BUT ALSO SHOULD CONSTRUCT, DRAW AND MANIPULATE. THE DIFFERENT CHAPTERS REFER TO ANCIENT GREEK, INDIAN, CHINESE AND ARABIC MATHEMATICS AS WELL AS TO CONTEMPORARY MATHEMATICS. STUDENTS ARE INTRODUCED TO WELL-KNOWN MATHEMATICIANS—SUCH AS GOTTFRIED LEIBNIZ AND LEONARD EULER—AS WELL AS TO LESS FAMOUS PRACTITIONERS AND ENGINEERS. ALWAYS, THERE IS THE ATTEMPT TO ASSOCIATE THE EXPERIMENTS WITH THEIR SCIENTIFIC AND CULTURAL CONTEXTS. ONE OF THE MAIN VALUES OF HISTORY IS TO SHOW THAT THE NOTIONS AND CONCEPTS WE TEACH WERE INVENTED TO SOLVE PROBLEMS. THE DIFFERENT CHAPTERS OF THIS COLLECTION ALL HAVE, AS THEIR STARTING POINTS, HISTORIC PROBLEMS—MATHEMATICAL OR NOT. THESE ARE PROBLEMS OF EXCHANGING AND SHARING, OF DIVIDING FIGURES AND VOLUMES AS WELL AS ENGINEERS' PROBLEMS, CALCULATIONS, EQUATIONS AND CONGRUENCE. THE MATHEMATICAL REASONING WHICH ACCOMPANIES THESE ACTIONS IS ILLUSTRATED BY THE USE OF DRAWINGS, FOLDING, GRAPHICAL CONSTRUCTIONS AND THE PRODUCTION OF MACHINES.