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Women's Voices and Genealogies in Literary Studies in English -

Lilla Maria Crisafulli 2019-05-21

The volume investigates the 'voice' of women writers in the development of literary studies, and interrogates how scholars read and teach women's literary texts. These issues are still crucial for women's and gender studies today and deserve to be properly investigated and constantly updated. The various essays collected here examine how, and to what extent, 'women', across time and space, experimented with new genres or forms of expression in order to transform, question, resist or paradoxically consolidate gender discriminations and dominant ideologies: patriarchy, colonialism, slavery and racism, imperialism, religion, and (hetero)sexuality. *Women's Voices and Genealogies in Literary Studies in English* is addressed to MA and PhD students in women's and gender studies, and to all those students or young scholars who are interested in gender methodologies as a mode of practice in literary criticism and analysis. The authors of the volume share a long-standing experience in women's and gender studies and in teaching English women's literature, literary criticism and feminist methodologies and theories to students from different national origins.

Antitrust, Regulation and Competition - Mario Baldassarri 2003-06-12

Antitrust, Regulation and Competition brings together a group of well-known European and American academics to examine antitrust policies and competitive behaviour on a wide variety of topical cases and critical markets. Taking both a theoretical and applied perspective, the contributors examine issues such as entry and market concentration, auctions, technological innovation, privatization and the role of public firms, market transparency, the supply of product quality and multinational firms.

Letitia Elizabeth Landon and Metrical Romance - Serena Baiesi 2010

Letitia Elizabeth Landon (1802-1838) was one of the leading women poets of the second generation of English Romantic writers. Following her predecessor Walter Scott and her contemporary Lord Byron, she was a fluent practitioner and essential innovator of the metrical romance and exerted a strong influence on the work of Victorian poets (especially Elizabeth Barrett Browning, Robert Browning and Christina Rossetti). This book analyses Landon's poetics, with particular reference to the close relationship between the narrative poem as literary genre and its gender implications. Landon was both an eclectic writer and a literary businesswoman: she was an extremely effective promoter of her literary work in order to support her independent life in London. Furthermore she was the editor of several annuals and gift-books, wrote for magazines, and published numerous poems, novels, and editorials. Her active life and mysterious and premature death in Africa attracted the curiosity of many biographers during the twentieth century, but only in recent times has critical attention been paid to her rich literary output. This volume aims to discuss and analyse the work of a talented artist whose metrical romance strongly influenced the poetics of late Romanticism, and prefigured a highly successful genre widely adopted during the Victorian age: the dramatic monologue.

Surveys in Combinatorial Optimization - S. Martello 2011-09-22

A collection of papers surveying recent progress in the field of Combinatorial Optimization. Topics examined include theoretical and computational aspects (Boolean Programming, Probabilistic Analysis of Algorithms, Parallel Computer Models and Combinatorial Algorithms), well-known combinatorial problems (such as the Linear Assignment Problem, the Quadratic Assignment Problem, the Knapsack Problem and Steiner Problems in Graphs) and more applied problems (such as

Network Synthesis and Dynamic Network Optimization, Single Facility Location Problems on Networks, the Vehicle Routing Problem and Scheduling Problems).

At the Speed of Light There is Only Illumination - John Moss 2004-06-01

At the Speed of Light There is Only Illumination collects a dozen re-evaluative essays on Marshall McLuhan and his critical and theoretical legacy; from intellectual adventurer creating a complex architecture of ideas to cultural icon standing in line in Woody Allen's *Annie Hall*. Given McLuhan's prominent status in many academic disciplines, the contributors reflect a multi-disciplinary background. John Moss and Linda Morra chose the essays from a gathering of McLuhan's academic devotees. The contribution - from "McLuhan as Medium" and "McLuhan in Space" to "What McLuhan Got Wrong" and "Trouble in the Global Village" - to provide a kaleidoscope of new views. As Moss writes of the collected essays: "Some are big and some are small, some exegetic and some confessional, some stand as major statements and others are sidelong glances; some resonate with the concerns of public discourse and others are private or privileged or impious and provocative. Each consists of many parts, each a design on its own. They speak to each other...they may have come together as one version of what happened."

Quantum Physics and Geometry - Edoardo Ballico 2019-03-13

This book collects independent contributions on current developments in quantum information theory, a very interdisciplinary field at the intersection of physics, computer science and mathematics. Making intense use of the most advanced concepts from each discipline, the authors give in each contribution pedagogical introductions to the main concepts underlying their present research and present a personal perspective on some of the most exciting open problems. Keeping this diverse audience in mind, special efforts have been made to ensure that the basic concepts underlying quantum information are covered in an understandable way for mathematical readers, who can find there new open challenges for their research. At the same time, the volume can also be of use to physicists wishing to learn advanced mathematical tools, especially of differential and algebraic geometric nature.

Maintenance for Industrial Systems - Riccardo Manzini 2009-11-09

New, global and extended markets are forcing companies to process and manage increasingly differentiated products with shorter life cycles, low volumes and reduced customer delivery times. In today's global marketplace production systems need to be able to deliver products on time, maintain market credibility and introduce new products and services faster than competitors. As a result, a new production paradigm of a production system has been developed and a supporting management decision-making approach simultaneously incorporating design, management, and control of the production system is necessary so that this challenge can be effectively and efficiency met. "Maintenance Engineering and its Applications in Production Systems" meets this need by introducing an original and integrated idea of maintenance: maintenance for productivity. The volume starts with the introduction and discussion of a new conceptual framework based on productivity, quality, and safety supported by maintenance. Subsequent chapters illustrate the most relevant models and methods to plan, organise, implement and control the whole maintenance process (reliability evaluation models and prediction, maintenance strategies and policies, spare parts management, computer maintenance management software - CMMS, and total productive maintenance - TPM, etc.). Several examples of problems supported by solutions, and real applications to help and test the reader's comprehension are included. "Maintenance Engineering and its Applications in Production Systems" will certainly be valuable to engineering students, doctoral and post-doctoral students and also to

maintenance practitioners, as well as managers of industrial and service companies.

Memories and Representations of War - 2009-01-01

The contributors to the present volume approach World War I and World War II as complex and intertwined crossroads leading to the definition of the new European (and world) reality, and deeply pervading the making of the twentieth century. These scholars belong to different yet complementary areas of research - history, literature, cinema, art history; they come from various national realities and discuss questions related to Italy, Britain, Germany, Poland, Spain, at times introducing a comparison between European and North American memories of the two World War experiences. These scholars are all guided by the same principle: to encourage the establishment of an interdisciplinary and trans-national dialogue in order to work out new approaches capable of integrating and acknowledging different or even opposing ways to perceive and interpret the same historical phenomenon. While assessing the way the memories of the two World Wars have been readjusted each time in relation to the evolving international historical setting and through various mediators of memory (cinema, literature, art and monuments), the various essays contribute to unveil a cultural panorama inhabited by contrasting memories and by divided memories not to emphasise divisions, but to acknowledge the ethical need for a truly shared act of reconciliation.

Warehousing in the Global Supply Chain - Riccardo Manzini
2012-01-05

With increased globalization and offshore sourcing, global supply chain management is becoming an important issue for many businesses as it involves a company's worldwide interests and suppliers rather than simply a local or national orientation. The storage systems significantly affect the level of quality of products, the customer's service level, and the global logistic cost. The mission of warehousing systems design, control and optimization is to effectively ship products in the right place, at the right time, and in the right quantity (i.e. in any configuration) without any damages or alterations, and minimizing costs. Warehousing in the Global Supply Chain presents and discusses a set of models, tools and real applications, including a few case studies rarely presented with a sufficient detail by other literature, to illustrate the main challenges in warehousing activities. This includes all warehouse operations (from receiving to shipping), problems and issues (e.g. storage allocation, assignment, layout, vehicle routing) for industrial and service systems as parts of global supply chains. Advanced and effective solving methods are also illustrated and the discussed case studies help the reader to quickly apply the proposed models and techniques/algorithms. Warehousing in the Global Supply Chain is useful to managers and practitioners of industry and service sectors for the determination and modeling of the critical issues concerning warehousing systems planning and design. It is a valuable source of information for engineering students, doctoral and post-doctoral students, and researchers of academic institutions who are searching for advanced modeling approaches and solving techniques to complex logistic decision making problems. Warehousing in the Global Supply Chain presents and discusses a set of models, tools and real applications, including a few case studies rarely presented with a sufficient detail by other literature, to illustrate the main challenges in warehousing activities. This includes all warehouse operations (from receiving to shipping), problems and issues (e.g. storage allocation, assignment, layout, vehicle routing) for industrial and service systems as parts of global supply chains. Advanced and effective solving methods are also illustrated and the discussed case studies help the reader to quickly apply the proposed models and techniques/algorithms. Warehousing in the Global Supply Chain is useful to managers and practitioners of industry and service sectors for the determination and modeling of the critical issues concerning warehousing systems planning and design. It is a valuable source of information for engineering students, doctoral and post-doctoral students, and researchers of academic institutions who are searching for advanced modeling approaches and solving techniques to complex logistic decision making problems.

Annotated Bibliographies in Combinatorial Optimization - Mauro Dell'Amico 1997-08-28

Wiley-Interscience Series in Discrete Mathematics and Optimization
Advisory Editors Ronald L. Graham Jan Karel Lenstra Robert E. Tarjan
Discrete Mathematics and Optimization involves the study of finite structures and is one of the fastest growing areas in mathematics today. The level and depth of recent advances in the area and the wide applicability of its evolving techniques point to the rapidity with which

the field is moving and presage the ever-increasing interaction between it and computer science. The Series provides a broad coverage of discrete mathematics and optimization, ranging over such fields as combinatorics, graph theory, enumeration, mathematical programming and the analysis of algorithms, and including such topics as Ramsey theory, transversal theory, block designs, finite geometries, Polya theory, graph and matroid algorithms, network flows, polyhedral combinatorics and computational complexity. The Wiley-Interscience Series in Discrete Mathematics and Optimization will be a substantial part of the record in this extraordinary development. Recent titles in the Series: Local Search in Combinatorial Optimization Edited by Emile H. L. Aarts Philips Research Laboratories, Eindhoven and Eindhoven University of Technology, Eindhoven Jan Karel Lenstra Eindhoven University of Technology, Eindhoven and CWI Amsterdam In the past three decades local search has grown from a simple heuristic idea into a mature field of research in combinatorial optimization. Local search is still the method of choice for NP-hard problems as it provides a robust approach for obtaining high-quality solutions to problems of a realistic size in a reasonable time. This area of discrete mathematics is of great practical use and is attracting ever-increasing attention. The contributions to this book cover local search and its variants from both a theoretical and practical point of view, each with a chapter written by leading authorities on that particular aspect. Chapters 1 to 7 deal with the theory of local search and describe the principal search strategies such as simulated annealing, tabu search, genetic algorithms and neural networks. The remaining chapters present a wealth of results on applications of local search to problems in management science and engineering, including the traveling salesman problem, vehicle routing, machine scheduling, VLSI design and code design. This book is an important reference volume and an invaluable source of inspiration for advanced students and researchers in discrete mathematics, computer science, operations research, industrial engineering and management science.

Ernestus Berchtold - John William Polidori 1819

Imperialism in the Twenty-First Century - John Smith 2016-01-22

Winner of the first Paul A. Baran-Paul M. Sweezy Memorial Award for an original monograph concerned with the political economy of imperialism, John Smith's *Imperialism in the Twenty-First Century* is a seminal examination of the relationship between the core capitalist countries and the rest of the world in the age of neoliberal globalization. Deploying a sophisticated Marxist methodology, Smith begins by tracing the production of certain iconic commodities-the T-shirt, the cup of coffee, and the iPhone-and demonstrates how these generate enormous outflows of money from the countries of the Global South to transnational corporations headquartered in the core capitalist nations of the Global North. From there, Smith draws on his empirical findings to powerfully theorize the current shape of imperialism. He argues that the core capitalist countries need no longer rely on military force and colonialism (although these still occur) but increasingly are able to extract profits from workers in the Global South through market mechanisms and, by aggressively favoring places with lower wages, the phenomenon of labor arbitrage. Meticulously researched and forcefully argued, *Imperialism in the Twenty-First Century* is a major contribution to the theorization and critique of global capitalism.

European Genizah - Andreas Lehnardt 2020-06-22

This volume includes contributions presented at two conferences, in Mainz (Germany) and Jerusalem (Israel). The articles present a number of new discoveries of binding fragments in several European libraries and beyond.

From Bench to Market - Walter Cabri 2000

This text charts the process of industrial chemical synthesis, from the first discovery of a molecule, or new chemical entity, to its entry in the marketplace as a drug, with all the development needs and problems that take place along the way.

Epistemic Game Theory - Andrés Perea 2012-06-07

The first textbook to explain the principles of epistemic game theory.

The Cnidaria, Past, Present and Future - Stefano Goffredo 2016-09-07

This volume presents a broad panorama of the current status of research of invertebrate animals considered belonging to the phylum Cnidaria, such as hydra, jellyfish, sea anemone, and coral. In this book the Cnidarians are traced from the Earth's primordial oceans, to their response to the warming and acidifying oceans. Due to the role of corals in the carbon and calcium cycles, various aspects of cnidarian calcification are discussed. The relation of the Cnidaria with Mankind is approached, in accordance with the Editors' philosophy of bridging the

artificial schism between science, arts and Humanities. Cnidarians' encounters with humans result in a broad spectrum of medical emergencies that are reviewed. The final section of the volume is devoted to the role of Hydra and Medusa in mythology and art.

Rights and Civilizations - Gustavo Gozzi 2019-02-14

Illustrates the origin and ways of Western hegemony over other civilizations across the world.

Literary Machines - Theodor H. Nelson 1992

CVs, Resumes, and LinkedIn - Adrian Wallwork 2014-06-26

Are you a graduate, postgraduate or PhD student? Are you simply looking for a new job in the private or public sector, in research or industry? If your aim is to produce a professional CV or resume, then this book is for you. Based on interviews with recruiters and HR managers, and an analysis of hundreds of CVs from around 40 different countries, the book is structured as a series of FAQs. Topics covered include: how recruiters and HR people analyse a CV whether using a template is a good idea the difference between a CV and a resume how to present your personal details and whether to include a photo how to write an Executive Summary what to write in each section (Education, Work Experience, Skills, Personal Interests) how to write dates how to highlight your language, communication and team skills how to get and write references You will also learn some hints and strategies for writing a: cover letter LinkedIn profile reference letter bio The last chapter of the book contains a simple template to help you get the job of your dreams!

Catalytic Asymmetric Friedel-Crafts Alkylations - Marco Bandini 2009-06-10

This first comprehensive overview of this important synthetic reaction covers the whole spectrum of this modern and rapidly developing field. Clearly structured, the book presents all the known synthetic approaches for the construction of aromatic compounds bearing benzylic stereocenters with a defined configuration. With its representative synthetic procedures, organocatalysis and industrial applications it combines a theoretical basis with practical examples, resulting in valuable advice for beginners and experts alike. The ultimate source for every synthetic chemist in academia and industry.

Ford Madox Ford and "The Republic of Letters" - Vita Fortunati 2002

Policies for Distributed Systems and Networks - Morris Sloman 2003-06-29

Policy based systems are the subject of a wide range of activities in universities, standardisation bodies, and within industry. They have a wide spectrum of applications ranging from quality of service management within networks to security and enterprise modelling. This Lecture Notes volume collects the papers presented at the workshop on Policies for Distributed Systems and Networks held at the Hewlett-Packard Laboratories in Bristol, UK in January 2001. After a rigorous review process 16 papers were selected from 43 submissions. Within the Internet community there is considerable interest in policy based networking. A number of companies have announced tools to support the specification and deployment of policies. Much of this work is focused on policies for quality of service management within networks and the Internet Engineering and Distributed Management Task Force (IETF/DMTF) is actively working on standards related to this area. The security community has focused on the specification and analysis of access control policy which has evolved into the work on Role-Based Access Control (RBAC). There has been work over a number of years in the academic community on specification and analysis of policies for distributed systems mostly concentrating on authorisation policies. Although there are strong similarities in the concepts and techniques used by the different communities there is no commonly accepted terminology or notation for specifying policies.

Humanitarian Intervention, Colonialism, Islam and Democracy - Gustavo Gozzi 2021-04-12

This book offers a critical analysis of the European colonial heritage in the Arab countries and highlights the way this legacy is still with us today, informing the current state of relations between Europe and the formerly colonized states. The work analyses the fraught relationship between the Western powers and the Arab countries that have been subject to their colonial rule. It does so by looking at this relationship from two vantage points. On the one hand is that of humanitarian intervention—a paradigm under which colonial rule coexisted alongside “humanitarian” policies pursued on the dual assumption that the

colonized were “barbarous” peoples who wanted to be civilized and that the West could lay a claim of superiority over an inferior humanity. On the other hand is the Arab view, from which the humanitarian paradigm does not hold up, and which accordingly offers its own insights into the processes through which the Arab countries have sought to wrest themselves from colonial rule. In unpacking this analysis the book traces a history of international and colonial law, to this end also using the tools offered by the history of political thought. The book will be of interest to students, academics, and researchers working in legal history, international law, international relations, the history of political thought, and colonial studies.

History and Representation in Ford Madox Ford's Writings - Joseph Wiesenfarth 2004

History and Representation in Ford Madox Ford's Writings explores the idea of history across various genres: fiction, autobiography, books about places and cultures, criticism, and poetry. 'I wanted the Novelist in fact to appear in his really proud position as historian of his own time', wrote Ford. The twenty leading specialists assembled for this volume consider his writing about twentieth-century events, especially the First World War; and also his representations of the past, particularly in his fine trilogy about Henry VIII and Katharine Howard, The Fifth Queen. Ford's provocative dealings with the relationship between fiction and history is shown to anticipate postmodern thinking about historiography and narrative. The collection includes essays by two acclaimed novelists, Nicholas Delbanco and Alan Judd, assessing Ford's grasp of literary history, and his place in it.

After Piketty - Heather Boushey 2017-05-08

Are Thomas Piketty's analyses of inequality on target? Where should researchers go from here in exploring the ideas he pushed to the forefront of global conversation? In *After Piketty*, a cast of economists and other social scientists tackle these questions in dialogue with Piketty, in what is sure to be a much-debated book in its own right.

Ambitious Science Teaching - Mark Windschitl 2020-08-05

2018 Outstanding Academic Title, Choice Ambitious Science Teaching outlines a powerful framework for science teaching to ensure that instruction is rigorous and equitable for students from all backgrounds. The practices presented in the book are being used in schools and districts that seek to improve science teaching at scale, and a wide range of science subjects and grade levels are represented. The book is organized around four sets of core teaching practices: planning for engagement with big ideas; eliciting student thinking; supporting changes in students' thinking; and drawing together evidence-based explanations. Discussion of each practice includes tools and routines that teachers can use to support students' participation, transcripts of actual student-teacher dialogue and descriptions of teachers' thinking as it unfolds, and examples of student work. The book also provides explicit guidance for “opportunity to learn” strategies that can help scaffold the participation of diverse students. Since the success of these practices depends so heavily on discourse among students, *Ambitious Science Teaching* includes chapters on productive classroom talk. Science-specific skills such as modeling and scientific argument are also covered. Drawing on the emerging research on core teaching practices and their extensive work with preservice and in-service teachers, *Ambitious Science Teaching* presents a coherent and aligned set of resources for educators striving to meet the considerable challenges that have been set for them.

Assignment Problems, Revised Reprint - Rainer Burkard 2012-10-31

Assignment Problems is a useful tool for researchers, practitioners and graduate students. In 10 self-contained chapters, it provides a comprehensive treatment of assignment problems from their conceptual beginnings through present-day theoretical, algorithmic and practical developments. The topics covered include bipartite matching algorithms, linear assignment problems, quadratic assignment problems, multi-index assignment problems and many variations of these. Researchers will benefit from the detailed exposition of theory and algorithms related to assignment problems, including the basic linear sum assignment problem and its variations. Practitioners will learn about practical applications of the methods, the performance of exact and heuristic algorithms, and software options. This book also can serve as a text for advanced courses in areas related to discrete mathematics and combinatorial optimisation. The revised reprint provides details on a recent discovery related to one of Jacobi's results, new material on inverse assignment problems and quadratic assignment problems, and an updated bibliography.

Ford Madox Ford's Modernity - 2021-11-08

Ford Madox Ford's Modernity explores the relation between modern

writing and modern experience. It examines how his prose registers the impact on society and the arts of new technologies, such as railways and telephones. It demonstrates how Ford's writing reflects, and elaborates, new conceptions of subjectivity, gender, nation and empire. And it establishes his contribution to the growing sense of crisis in the fields of history, epistemology, and representation. It includes essays by twenty leading Ford scholars on a wide range of his fiction and criticism, giving particular attention to *The Good Soldier* and to his responses to modern war.

The Mediterranean Sea - Stefano Goffredo 2013-09-09

This volume is an indispensable addition to the multidisciplinary coverage of the science of the Mediterranean Sea. The editors have gathered leading authorities from the fields of Marine Biology, Ecology, paleoclimatology, Chemical and Physical Oceanography, Zoology, Botany, Aquatic Photosynthesis, Socioeconomics, Mariculture, Mediterranean History and Science of Humanity. Beginning with the birth of the Mediterranean Sea and its myths. From coral to fish, an introduction is given to its major inhabitants of plants and animals past and present. The chapters illustrate how organisms interact as part of the structure and function of the Sea's main ecosystems. The rise of the Mediterranean as the cradle of the Western Civilization leads to a discourse on the status of human interaction with the sea. Accelerating global climate change, water warming, ocean acidification and sea level rise, and analyses of their effects on key organisms, entire ecosystems and human socioeconomics are given. Forecasting and predictions are presented taking into account different future scenarios from the IPCC (International Panel on Climate Change). The volume is richly illustrated in color, with an extensive bibliography. A valuable addition to the limited literature in the field, offering up-to-date broad coverage merging science and humanities.

In the Shadow of the Ancestors: The Prehistoric Foundations of the Early Arabian Civilization in Oman - Serge Cleuziou 2021-01-14

This book, first published in 2007, offered the first and only summary of decades of archaeological research in the Oman Peninsula. The original eleven chapters are expanded and enhanced in this new edition by a number of new 'windows', written by a new generation of scholars, in order to include more recent research and interpretations.

Logical Models of Legal Argumentation - H. Prakken 2012-12-06

In the study of forms of legal reasoning, logic and argumentation theory long followed separate tracks. 'Legal logicians' tended to focus on a deductive reconstruction of justifying a decision, disregarding the dialectical process leading to the chosen justification. Others instead emphasized the adversarial and discretionary nature of legal reasoning, involving reasonable evaluation of alternative choices, and the use of analogical reasoning. Recently, however, developments in Artificial Intelligence and Law have paved the way for overcoming this separation. Logic has widened its scope to defensible argumentation, and informal accounts of analogy and dialectics have inspired the construction of computer programs. Thus the prospect is emerging of an integrated logical and dialectical account of legal argument, adding to the understanding of legal reasoning, and providing a formal basis for computer tools that assist and mediate legal debates while leaving room for human initiative. This book presents contributions to this development. From a logical point of view it covers topics such as evaluating conflicting arguments, weighing reasons, modelling legal disputes as a dialogue game, the role of the burden of proof, the relation between principles, rules, reasons and facts, and the relation between deductive and nondeductive arguments. Written by leading scholars in the field and building on recent developments in logic and Artificial Intelligence, the chapters provide a state-of-the-art account of research on the logical aspects of legal argument.

Aesthetics, Metaphysics, Language - Stefano Marino 2015-09-18

Martin Heidegger and Hans-Georg Gadamer undoubtedly belong among the most important representatives of twentieth-century phenomenological hermeneutics, which represents, in turn, one of the major traditions within so-called continental philosophy. Respectively teacher and pupil, during their long and philosophically intense lives and careers Heidegger and Gadamer greatly contributed to the development of philosophical thought in our age, providing significant and often decisive contributions in various fields of philosophical inquiry. Their main works, *Being and Time* (1927) and *Truth and Method* (1960), respectively amount to the great "classics" of contemporary philosophy, both being extraordinarily influential books without which the history of twentieth- and also twenty-first century philosophy as we know it would not be conceivable. This book addresses a number of problems

concerning aesthetics, metaphysics, language and philosophical anthropology, by focusing on Heidegger's and Gadamer's specific contributions in these fields, and by establishing fruitful and original comparisons between their views and those of other relevant thinkers of our time, such as Hannah Arendt, Richard Rorty and John McDowell. The book adopts a comparative approach that portrays the complex philosophical problems and concepts at the core of this investigation from various points of view, thus broadening the philosophical horizon, generating a more comprehensive perspective, and underlining the compatibility of different philosophical views.

Marshall McLuhan's Mosaic - Elena Lamberti 2012-01-01

One hundred years after Marshall McLuhan's birth, Elena Lamberti explores a fundamental, yet neglected aspect of his work: the solid humanistic roots of his original 'mosaic' form of writing. In this investigation of how his famous communication theories were influenced by literature and the arts, Lamberti proposes a new approach to McLuhan's thought. Lamberti delves into McLuhan's humanism in light of his work on media and culture, exploring how he began to perceive literature not just as a subject, but a 'function inseparable from communal existence.' Lamberti pays particular attention to the central role played by Modernism in the making of his theories, including the writings of Ford Madox Ford, James Joyce, Ezra Pound, and Wyndham Lewis. Reconnecting McLuhan with his literary past, *Marshall McLuhan's Mosaic* is a demonstration of one of his greatest ideas: that literature not only matters, but can help us understand the hidden patterns that rule our environment.

Women in Science: Materials - Maria Chiara Bignozzi 2021-07-01

The Frontiers in Materials Editorial Office team are delighted to present the inaugural "Women in Science: Materials" article collection, showcasing the high-quality work of women in science across the breadth of materials science and engineering. All researchers featured within this collection were individually nominated by the Topic Editors in recognition of their status as leading academics who have great potential to influence the future directions of their respective fields. The work presented here highlights the diversity of research performed across the entire breadth of the materials science and engineering field and presents advances in theory, experimentation, and methodology with applications for solving compelling problems. This Editorial features the corresponding author(s) of each paper published within this important collection, ordered by section alphabetically, highlighting them as the great researchers of the future. The Frontiers in Materials Editorial Office team would like to thank each researcher who contributed their work to this collection. We would also like to personally thank the Topic Editors for their exemplary leadership of this article collection; their strong support and passion for this important, community-driven collection has ensured its success and global impact. Emily Young
Journal Development Manager

Judicial Applications of Artificial Intelligence - Giovanni Sartor 1998-12-31

The judiciary is in the early stages of a transformation in which AI (Artificial Intelligence) technology will help to make the judicial process faster, cheaper, and more predictable without compromising the integrity of judges' discretionary reasoning. Judicial decision-making is an area of daunting complexity, where highly sophisticated legal expertise merges with cognitive and emotional competence. How can AI contribute to a process that encompasses such a wide range of knowledge, judgment, and experience? Rather than aiming at the impossible dream (or nightmare) of building an automatic judge, AI research has had two more practical goals: producing tools to support judicial activities, including programs for intelligent document assembly, case retrieval, and support for discretionary decision-making; and developing new analytical tools for understanding and modeling the judicial process, such as case-based reasoning and formal models of dialectics, argumentation, and negotiation. Judges, squeezed between tightening budgets and increasing demands for justice, are desperately trying to maintain the quality of their decision-making process while coping with time and resource limitations. Flexible AI tools for decision support may promote uniformity and efficiency in judicial practice, while supporting rational judicial discretion. Similarly, AI may promote flexibility, efficiency and accuracy in other judicial tasks, such as drafting various judicial documents. The contributions in this volume exemplify some of the directions that the AI transformation of the judiciary will take.

Extended Thermodynamics - Ingo Müller 2013-03-08

Physicists firmly believe that the differential equations of nature should

be hyperbolic so as to exclude action at a distance; yet the equations of irreversible thermodynamics - those of Navier-Stokes and Fourier - are parabolic. This incompatibility between the expectation of physicists and the classical laws of thermodynamics has prompted the formulation of extended thermodynamics. After describing the motifs and early evolution of this new branch of irreversible thermodynamics, the authors apply the theory to mon-atomic gases, mixtures of gases, relativistic gases, and "gases" of phonons and photons. The discussion brings into perspective the various phenomena called second sound, such as heat propagation, propagation of shear stress and concentration, and the second sound in liquid helium. The formal mathematical structure of extended thermodynamics is exposed and the theory is shown to be fully compatible with the kinetic theory of gases. The study closes with the testing of extended thermodynamics through the exploitation of its predictions for measurements of light scattering and sound propagation.

Meta-Heuristics - Stefan Voß 2012-12-06

Meta-Heuristics: Advances and Trends in Local Search Paradigms for Optimizations comprises a carefully refereed selection of extended versions of the best papers presented at the Second Meta-Heuristics Conference (MIC 97). The selected articles describe the most recent developments in theory and applications of meta-heuristics, heuristics for specific problems, and comparative case studies. The book is divided into six parts, grouped mainly by the techniques considered. The extensive first part with twelve papers covers tabu search and its application to a great variety of well-known combinatorial optimization problems (including the resource-constrained project scheduling problem and vehicle routing problems). In the second part we find one paper where tabu search and simulated annealing are investigated comparatively and two papers which consider hybrid methods combining tabu search with genetic algorithms. The third part has four papers on genetic and evolutionary algorithms. Part four arrives at a new paradigm within meta-heuristics. The fifth part studies the behavior of parallel local search algorithms mainly from a tabu search perspective. The final part

examines a great variety of additional meta-heuristics topics, including neural networks and variable neighbourhood search as well as guided local search. Furthermore, the integration of meta-heuristics with the branch-and-bound paradigm is investigated.

Methodology and Tools in Telemanipulation Systems Via Internet - 2003-11-30

Aquest DVD va ser gravat a la Escola d'Estiu d'EURON amb el títol "Robots manipulats directament en línia per Internet" que es va celebrar a la Universitat Jaume I els dies 19 al 23 de setembre de 2003. Recull les conferències registrades en video, transparències de presentació, demostracions, el material de laboratori, etc.

Towards a Systemic Theory of Irregular Migration - Gabriel Echeverría 2020-03-25

This open access book provides an alternative theoretical framework of irregular migration that allows to overcome many of the contradictions and theoretical impasses displayed by the majority of approaches in current literature. The analytical framework allows moving from an interpretation biased by methodological nationalism, to a more general systemic interpretation. It explains irregular migration as a structural phenomenon or contemporary society, and why state policies are greatly ineffective in their attempt to control irregular migration. It also explains irregular migration as a diversified phenomenon that relates to the social characteristics of the context, and why states accept irregular migrants. By providing new comparative, empirical, qualitative material which allows to start filling an evident gap in the current research on irregular migration, this book is of interest to graduate students, scholars and policy makers.

Gothic Metamorphoses Across the Centuries - Maurizio Ascari 2019-12-23

This book sheds new light on various interconnected aspects of the Gothic through the lens of converging critical and methodological approaches. With its interdisciplinary perspective, the authors explore the domains of literary, pictorial, filmic, televisual and popular cultural texts in English from the eighteenth century to the present day.