Larc 82 Picasso

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Picasso

In the decades preceding World War II, American diplomat Alex Hazen (Robert Young) watches the rise of Benito Mussolini and Adolf Hitler but does not use any of his ambassadorial powers to intervene. Instead, Hazen subscribes to the dominant policy of appeasement, believing the belligerent dictators will eventually soften. Although married, he is in love with journalist Cassie Bowwman (Sylvia Sidney) -- but her feelings about the threat posed by fascism differs severely from his.

Engineering Applications of Neural Networks

The 2004 US election provided the French media and its citizens with a springboard for reconceiving 'self' and 'Other'. Given its prominent opposition to recent US foreign policy, such as the invasion of Iraq; volley of insults and caustic remarks reverberated between France and the US, with French observers linking the Bush administration's policies to particular groups and regions within the US, to a democratic deficit, to a perceived threat of US collapse and to the need for a stronger Europe. By examining how the French media - newspapers, television, the Internet and scholarly research - represented the election from a critical geopolitical perspective, this book provides the first major in-depth study of views of the US in contemporary foreign media.

From Cave Man to Cave Martian

The Great Parade

This book presents a summary of the multimodal analysis of user-generated multimedia content (UGC). Several multimedia systems and their proposed frameworks are also discussed. First, improved tag recommendation and ranking systems for social media photos, leveraging both content and contextual information, are presented. Next, we discuss the challenges in determining semantics and sentics information from UGC to obtain multimedia summaries. Subsequently, we present a personalized music video generation system for outdoor user-generated videos. Finally, we discuss approaches for multimodal lecture video segmentation techniques. This book also explores the extension of these multimedia system with the use of heterogeneous continuous streams.

Picasso Linoleum Cuts

In recent years, planetary science has seen a tremendous growth in new knowledge. Deposits of water ice exist at the Moon's poles. Discoveries on the surface of Mars point to an early warm wet climate, and perhaps conditions under which life could have emerged. Liquid methane rain falls on Saturn's moon Titan, creating rivers, lakes, and geologic landscapes with uncanny resemblances to Earth's. Vision and Voyages for Planetary Science in the Decade 2013-2022 surveys the current state of knowledge of the solar system and recommends a suite of planetary science flagship missions for the decade 2013-2022 that could provide a steady stream of important new discoveries about the solar system. Research priorities defined in the report were selected through a rigorous review that included input from five expert panels. NASA's highest priority large mission should be the Mars Astrobiology Explorer Cacher (MAX-C), a mission to Mars that could help determine whether the planet ever supported life and could also help answer questions about its geologic and climatic history. Other projects should include a mission to Jupiter's icy moon Europa and its subsurface ocean, and the Uranus Orbiter and Probe mission to investigate that planet's interior structure, atmosphere, and composition. For medium-size missions, Vision and Voyages for Planetary Science in the Decade 2013-2022 recommends that NASA select two new missions to be included in its New Frontiers program, which explores the solar system with frequent, mid-size spacecraft missions. If NASA cannot stay within budget for any of these proposed flagship projects, it should focus on smaller, less expensive missions first. Vision and Voyages for Planetary Science in the Decade 2013-2022 suggests that the National Science Foundation expand its funding for existing laboratories and establish new facilities as needed. It also recommends that the program enlist the participation of international partners. This report is a vital resource for government agencies supporting space science, the planetary science community, and the public.

Engineering Applications of Neural Networks

This volume collects selected contributions from the "Fourth Tetrahedron Workshop on Grid Generation for Numerical Computations", which was held in Verbania, Italy in July 2013. The previous editions of this Workshop were hosted by the Weierstrass Institute in Berlin (2005), by INRIA Rocquencourt in Paris (2007), and by Swansea University (2010). This book covers different, though related, aspects of the field: the generation of quality grids for complex three-dimensional geometries; parallel mesh generation algorithms; mesh adaptation, including both

theoretical and implementation aspects; grid generation and adaptation on surfaces – all with an interesting mix of numerical analysis, computer science and strongly application-oriented problems.

Vision and Voyages for Planetary Science in the Decade 2013-2022

Fifty years after Sputnik, artificial satellites have become indispensable monitors in many areas, such as economics, meteorology, telecommunications, navigation and remote sensing. The specific orbits are important for the proper functioning of the satellites. This book discusses the great variety of satellite orbits, both in shape (circular to highly elliptical) and properties (geostationary, Sun-synchronous, etc.). This volume starts with an introduction into geodesy. This is followed by a presentation of the fundamental equations of mechanics to explain and demonstrate the properties for all types of orbits. Numerous examples are included, obtained through IXION software developed by the author. The book also includes an exposition of the historical background that is necessary to help the reader understand the main stages of scientific thought from Kepler to GPS. This book is intended for researchers, teachers and students working in the field of satellite technology. Engineers, geographers and all those involved in space exploration will find this information valuable. Michel Capderou's book is an essential treatise in orbital mechanics for all students, lecturers and practitioners in this field, as well as other aerospace systems engineers. —Charles Elachi, Director, NASA Jet Propulsion Laboratory

The Larc Reports

Eighteenth-century French Drawings in New York Collections

Handbook of Satellite Orbits

The circus is a dazzling world filled with acrobats and harlequins, tumblers and riders, monsters and celestial creatures. Now this engaging book sets that world in a new light, examining how painters, sculptors, and photographers from the eighteenth century to the present have used the circus as a springboard for their imaginative expression and have envisioned the clown as a metaphor for the modern artist. The book presents more than 175 works by such artists as Degas, Toulouse-Lautrec, Rouault, Picasso, Chagall, and Léger. Some of these are masterful works shown for the first time; these range from the 18-meter stage curtain Picasso designed in 1917 for Erik Satie's ballet Parade to more intimate works such as Nadar and Tournachon's photographs of Pierrot as played by celebrated mime Charles Debureau.

Pavannes and Divagations

This useful resource deals with satellite orbits, showing how the wide range of available orbits can be used in communications, positioning, remote-sensing,

meteorology, and astronomy.

Prints Abound

Adaptive Mesh Refinement - Theory and Applications

Image Databases

This volume contains the articles presented at the 22nd International Meshing Roundtable (IMR) organized, in part, by Sandia National Laboratories and was held on Oct 13-16, 2013 in Orlando, Florida, USA. The first IMR was held in 1992, and the conference series has been held annually since. Each year the IMR brings together researchers, developers, and application experts in a variety of disciplines, from all over the world, to present and discuss ideas on mesh generation and related topics. The technical papers in this volume present theoretical and novel ideas and algorithms with practical potential, as well as technical applications in science and engineering, geometric modeling, computer graphics and visualization.

Daphnis and Chloe. Perronik the fool. 1924

Advanced numerical simulations that use adaptive mesh refinement (AMR) methods have now become routine in engineering and science. Originally developed for computational fluid dynamics applications these methods have propagated to fields as diverse as astrophysics, climate modeling, combustion, biophysics and many others. The underlying physical models and equations used in these disciplines are rather different, yet algorithmic and implementation issues facing practitioners are often remarkably similar. Unfortunately, there has been little effort to review the advances and outstanding issues of adaptive mesh refinement methods across such a variety of fields. This book attempts to bridge this gap. The book presents a collection of papers by experts in the field of AMR who analyze past advances in the field and evaluate the current state of adaptive mesh refinement methods in scientific computing.

Spring Meeting

Proceedings of the 22nd International Meshing Roundtable

Satellites

This book explores the practicality of using the existing subsurface geology on the Moon and Mars for protection against radiation, thermal extremes, micrometeorites and dust storms rather than building surface habitats at great expense at least for those first few missions. It encourages NASA to plan a precursor mission using this concept and employ a "Short Stay" Opposition Class

mission to Mars as the first mission rather than the "Long Stay" concept requiring a mission that is too long, too dangerous and too costly for man's first missions to Mars. Included in these pages is a short history on the uses of caves by early humans over great periods of time. It then describes the ongoing efforts to research caves, pits, tunnels, lava tubes, skylights and the associated technologies that pertain to potential lunar and Mars exploration and habitation. It describes evidence for existing caves and lava tubes on both the Moon and Mars. The work of noted scientists, technologists and roboticists are referenced and described. This ongoing work is moreextensive than one would think and is directly applicable to longer term habitation and exploration of the Moon and Mars. Emphasis is also given to the operational aspects of working and living in lunar and Martian caves and lava tubes.

Spirals and Vortices

This richly illustrated book explores the fascinating and ubiquitous occurrence of spirals and vortices in human culture and in nature. Spiral forms have been used as elements in the arts for thousands of years, whereas their role in nature and science – from DNA and sea shells to galaxies – is still a topic of investigation in numerous fields. Following an introduction to the cultural history of spiral forms, the book presents contributions from leading experts, who describe the origins, mechanisms and dynamics of spirals and vortices in their special fields. As a whole the book provides a valuable source of information, while also taking the reader on an aesthetic and scientific journey through the world of spiral forms.

Arts & Humanities Citation Index

A brilliant quiz book for clever kids - put your general knowledge to the test and boggle your family and friends with your brainpower! Can you name the longest river in Europe? Do you know your skull from your sternum? Can you identify an archaeopteryx and an allosaurus? Can you recognise the flags of India and Italy? You can! Then what are you waiting for? Open the pages of Knowledge Genius! to find out what you know, and challenge yourself to learn even more! With more than 60 topics, from across the encyclopedia, there's something for everyone. The pages are packed with eye-popping pictures - but do you know what they show? To help you, "Test Yourself" panels list what you're looking for. With three levels of difficulty, the challenge gets harder as you work your way from Starter, to Challenger, and finally the truly tricky Genius category. If you need it, there's a fun fact with every picture to give a helpful clue. Take on the Knowledge Genius! brain-busting challenge!

What's Wrong with Copying?

Le "muse irrequiete" de Leonardo Sinisgalli, 1908-1981

Some issues have separately numbered section: L'Oeil du décorateur.

Joan Miro

An investigation into how schools can influence the developing values of young people is given in this book. The authors first look, from the perspective of educationalists and policy makers, at values within contemporary education; in particular, moral, spiritual, democratic and environmental values together with arts and health education. Secondly, they focus on the values of pupils and schools, examining school aims and mission statements, the formal curriculum, school ethos and assessment of children's development.; Insights are provided with guidance on how values may be most effectively incorporated into the activities of the schools. This book is intended to be of use as a practical and informative guide to all those involved in primary and secondary education and those interested in values education generally.

The Searching Wind

A multidisciplinary index covering the journal literature of the arts and humanities. It fully covers 1,144 of the world's leading arts and humanities journals, and it indexes individually selected, relevant items from over 6,800 major science and social science journals.

Getting Up to Speed

Supercomputers play a significant and growing role in a variety of areas important to the nation. They are used to address challenging science and technology problems. In recent years, however, progress in supercomputing in the United States has slowed. The development of the Earth Simulator supercomputer by Japan that the United States could lose its competitive advantage and, more importantly, the national competence needed to achieve national goals. In the wake of this development, the Department of Energy asked the NRC to assess the state of U.S. supercomputing capabilities and relevant R&D. Subsequently, the Senate directed DOE in S. Rpt. 107-220 to ask the NRC to evaluate the Advanced Simulation and Computing program of the National Nuclear Security Administration at DOE in light of the development of the Earth Simulator. This report provides an assessment of the current status of supercomputing in the United States including a review of current demand and technology, infrastructure and institutions, and international activities. The report also presents a number of recommendations to enable the United States to meet current and future needs for capability supercomputers.

L'Oeil

This book constitutes the refereed proceedings of the 19th International Conference on Engineering Applications of Neural Networks, EANN 2019, held in Xersonisos, Crete, Greece, in May 2019. The 35 revised full papers and 5 revised short papers presented were carefully reviewed and selected from 72 submissions. The papers are organized in topical sections on AI in energy management - industrial applications; biomedical - bioinformatics modeling; classification - learning; deep learning; deep learning - convolutional ANN; fuzzy - vulnerability - navigation modeling; machine learning modeling - optimization; ML - DL financial modeling; security - anomaly detection; 1st PEINT workshop.

The Illustrated London News

Abraham Drassinower presents a new way to balance the needs of creators and users of authored works. Disentangling copyright theory from its focus on the economic value of a work as a commodity, he views a work instead as a communicative act. Infringement, according to this perspective, is an unauthorized appropriation of another's speech.

Atlantic Reverberations

Widely acknowledged as a contemporary classic that has introduced thousands of readers to American literature, From Puritanism to Postmodernism: A History of American Literature brilliantly charts the fascinating story of American literature from the Puritan legacy to the advent of postmodernism. From realism and romanticism to modernism and postmodernism it examines and reflects on the work of a rich panoply of writers, including Poe, Melville, Fitzgerald, Pound, Wallace Stevens, Gwendolyn Brooks and Thomas Pynchon. Characterised throughout by a vibrant and engaging style it is a superb introduction to American literature, placing it thoughtfully in its rich social, ideological and historical context. A tour de force of both literary and historical writing, this Routledge Classics edition includes a new preface by co-author Richard Ruland, a new foreword by Linda Wagner-Martin and a fascinating interview with Richard Ruland, in which he reflects on the nature of American fiction and his collaboration with Malclolm Bradbury. It is published here for the first time.

Visions into Voyages for Planetary Science in the Decade 2013-2022

Research-Creation in Music and the Arts

The explosive growth of multimedia data transmission has generated a critical need for efficient, high-capacity image databases, as well as powerful search engines to retrieve image data from them. This book brings together contributions by an international all-star team of innovators in the field who share their insights into all key aspects of image database and search engine construction. Readers get in-depth discussions of the entire range of crucial image database architecture, indexing and retrieval, transmission, display, and user interface issues. And, using examples from an array of disciplines, the authors present cutting-edge applications in medical imagery, multimedia communications, earth science, remote sensing, and other major application areas.

Cumulated Index Medicus

Towards the end of the 19th century, printmaking exploded with creative energy in France. Prints Abound should fascinate art lovers, collectors, historians and anyone interested in an important period of French culture. This book explores the artistic, economic, commercial and cultural circumstances of 1890s Paris, and covers artists such as Pierre Bonnard, Edouard Vuillard, Henri de Toulouse-Lautrec, Paul

Gaugin and Odilon Redon.

Forthcoming Books

Connaissance des arts

" Période bleue " ou " période rose ", arlequins., natures mortes cubistes, portraits de femmes classiques ou modernistes, céramiques anthropomorphes ou sculptures zoomorphes, l'œuvre de Picasso est par définition changeante et protéiforme, abondante, géniale. Artiste du XXe siècle, il explore et réinvente sans cesse les processus de représentation. Cette perpétuelle évolution est, plus que chez tout autre, inextricablement liée à sa jeunesse, ses rencontres, ses amours, ses fêlures. Trois éminents spécialistes se sont ici penchés sur la vie et l'œuvre de l'artiste le plus célèbre du XXe siècle pour dérouler le fil d'une existence longue et foisonnante où tout est création.

New Challenges in Grid Generation and Adaptivity for Scientific Computing

In spring 2011 the National Academies of Sciences, Engineering, and Medicine produced a report outlining the next decade in planetary sciences. That report, titled Vision and Voyages for Planetary Science in the Decade 2013-2022, and popularly referred to as the "decadal survey," has provided high-level prioritization and guidance for NASA's Planetary Science Division. Other considerations, such as budget realities, congressional language in authorization and appropriations bills, administration requirements, and cross-division and cross-directorate requirements (notably in retiring risk or providing needed information for the human program) are also necessary inputs to how NASA develops its planetary science program. In 2016 NASA asked the National Academies to undertake a study assessing NASA's progress at meeting the objectives of the decadal survey. After the study was underway, Congress passed the National Aeronautics and Space Administration Transition Authorization Act of 2017 which called for NASA to engage the National Academies in a review of NASA's Mars Exploration Program. NASA and the Academies agreed to incorporate that review into the midterm study. That study has produced this report, which serves as a midterm assessment and provides guidance on achieving the goals in the remaining years covered by the decadal survey as well as preparing for the next decadal survey, currently scheduled to begin in 2020.

From Puritanism to Postmodernism

Multimodal Analysis of User-Generated Multimedia Content

Advances in Atmospheric Remote Sensing with Lidar

Lidar or laser radar, the depth-resolved remote measurement of atmospheric

parameters with optical means, has become an important tool in the field of atmospheric and environmental remote sensing. In this volume the latest progress in the development of Lidar methods, experiments, and applications is described. The content is based on selected and thoroughly refereed papers presented at the 18th International Laser Radar Conference, Berlin, 22 - 26 July 1996. The book is divided into six parts which cover the topics of tropospheric aerosols and clouds, Lidar in space, wind, water vapor, troposheric trace gases and plumes, and stratospheric and mesospheric profiling. As a supplement to fundamental LIDAR textbooks this volume may serve as a guide through the blossoming field of modern Lidar techniques.

NASA Langley Scientific and Technical Information Output-2001

Knowledge Genius!

This book constitutes the refereed proceedings of the 18th International Conference on Engineering Applications of Neural Networks, EANN 2017, held in Athens, Greece, in August 2017. The 40 revised full papers and 5 revised short papers presented were carefully reviewed and selected from 83 submissions. The papers cover the topics of deep learning, convolutional neural networks, image processing, pattern recognition, recommendation systems, machine learning, and applications of Artificial Neural Networks (ANN) applications in engineering, 5G telecommunication networks, and audio signal processing. The volume also includes papers presented at the 6th Mining Humanistic Data Workshop (MHDW 2017) and the 2nd Workshop on 5G-Putting Intelligence to the Network Edge (5G-PINE).

Values in Education and Education in Values

Since the 1970s, the landscape of higher education and research has been considerably altered by the integration of the arts within the university environment. Even though a form of research is inherent to artistic creation, the creative process is not comparable to the established procedures involved in academic research. As such, how can the imperatives of intellectual (and sometimes restrictive) rigour characteristic of scholarly endeavours be reconciled with the more explorative and intuitive approach of artistic creation? The concept of 'research-creation' allows artists and scholars to collaborate on a common project, acknowledging each participant's expertise in the production of an artistic work that either generates theoretical reflections or has emerged from academic research. This fully revised and updated translation of Sophie Stévance and Serge Lacasse's original French book offers an overview of the historical, political, social, cultural and academic contexts within which research-creation has emerged in Quebec and Canada, before similar (yet often divergent) conceptions appeared elsewhere in the world. Focussing primarily on the case of music, the book goes on to explore the pedagogical potential of research-creation within a university-based environment and proposes a clear and encompassing definition, as well as a theoretical model, of research-creation supported by concrete examples. By

underscoring the reciprocal nature of this approach and the potential benefits of collaborative relationships, the authors' vision of research-creation extends far beyond the field of music and art alone: rather, it has the potential to integrate all approaches and disciplines that seek to combine practice and research.

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION