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GALVAN SUMMERS

Sound and Modernity in the Literature of London, 1880-1918 HarperCollins UK

Although the overall appearance of modern airliners has not changed a lot since the introduction of jetliners in the 1950s, their safety, efficiency and environmental friendliness have improved considerably. Main contributors to this have been gas turbine engine technology, advanced materials, computational aerodynamics, advanced structural analysis and on-board systems. Since aircraft design became a highly multidisciplinary activity, the development of multidisciplinary optimization (MDO) has become a popular new discipline. Despite this, the application of MDO during the conceptual design phase is not yet widespread. *Advanced Aircraft Design: Conceptual Design, Analysis and Optimization of Subsonic Civil Airplanes* presents a quasi-analytical optimization approach based on a concise set of sizing equations. Objectives are aerodynamic efficiency, mission fuel, empty weight and maximum takeoff weight. Independent design variables studied include design cruise altitude, wing area and span and thrust or power loading. Principal features of integrated concepts such as the blended wing and body and highly non-planar wings are also covered. The quasi-analytical approach enables designers to compare the results of high-fidelity MDO optimization with lower-fidelity methods which need far less computational effort. Another advantage to this approach is that it can provide answers to "what if" questions rapidly and with little computational cost. Key features: Presents a new fundamental vision on conceptual airplane design optimization Provides an overview of advanced technologies for propulsion and reducing aerodynamic drag Offers insight into the derivation of design sensitivity information Emphasizes design based on first principles Considers pros and cons of innovative configurations Reconsiders optimum cruise performance at transonic Mach numbers *Advanced Aircraft Design: Conceptual Design, Analysis and Optimization of Subsonic Civil Airplanes* advances understanding of the initial optimization of civil airplanes and is a must-have reference for aerospace engineering students, applied researchers, aircraft design engineers and analysts.

Advanced Aircraft Design Crowood Press UK

The new third edition of *A Critical Introduction to Sport Psychology* is the only textbook in the field that provides a detailed overview of key theories, concepts and findings within the discipline of sport psychology, as well as a critical perspective that examines and challenges these core foundations. Fully revised and updated, the new edition covers key research findings affecting both participation and performance in sport, including topics such as motivation, anxiety, emotional coping, concentration, mental imagery, expertise and team cohesion. In addition, the book includes a range of helpful features that bring the science to life, including critical thinking exercises, suggestions for student projects and new "In the spotlight" boxes that highlight key advances in theory or practice. A comprehensive glossary is also included, whilst a final chapter examines some new horizons in sport psychology, including embodied cognition and socio-cultural perspectives. Sport is played with the body but often won in the mind; that is the theory. *A Critical Introduction to Sport Psychology* is the definitive textbook for anyone wishing to engage critically with this fascinating idea.

The Joys of Chess New in Chess

This book explores the literary representation of late Victorian and early Edwardian London from an auditory perspective, arguing that readers should 'listen' to impressions of the city, as described by writers such as Conrad, Doyle, Ford and Gissing. It was in this period that London began to 'sound modern' and, through a closer hearing of its literature, writers' wider responses to modernity are revealed. The book is structured into familiar modernist themes, revisiting time and space, social progress and popular culture through an exploration of the sound impressions of some key works. Each chapter is contextualized by these themes, revealing how the sound of the news, social

protest, music hall and suburbanization impacted on writers' literary imaginations. Suitable for students of modernist literature and specialists in sound studies, this book will also appeal to readers with a wider interest in London's history and popular culture between 1880-1918.

Humvee Langenscheidt Publishers

Carefree, revelatory and intimate, this selection of unpublished letters between the six legendary Mitford sisters, compiled by Diana Mitford's daughter-in-law, is alive with wit, passion and heartbreak.

Forthcoming Books Springer

This carefully researched history traces the development of all Jeep models--from trusty GI transports to the soccer-mom's wheels of choice--while also covering Chrysler's acquisition of the marque from the late American Motors. 150 archival photos and 8-page color section.

Peripheral Flows Crowood Press UK

This is the story of ordinary life in an extraordinary place. The beautiful city of Venice has been a fantasy land for people from around the globe for centuries, but what is it like to live there? This title is a fascinating window into the world of ordinary Venetians and the strange and unique place they call home.

Stability and Control of Conventional and Unconventional Aerospace Vehicle

Configurations Springer Science & Business Media

The Centurion was the British Army's first standard post-World War Two main battle tank. It first saw combat in the Korean War, and was used by a number of armed forces in many engagements over the next thirty years. Many different variants were produced, and many remain in service to this day.

Materials and Sustainable Development Crowood

The F-111 is unique among the aircraft that the Royal Australian Air Force has operated throughout its history. Never before has one type had such a profound impact not only on the RAAF, but upon Australia's strategic policy outlook. From the moment it was ordered, however, the F-111 would be shrouded in controversy. Cost blow-outs, delivery delays, technical problems and an undeserved poor reputation meant that the aircraft's place in the frontline of Australia's defence would be continually challenged. Despite the barbs, the aircraft survived to fly in Australia for nearly 40 years--a clear testimony to the skill and dedication of the men and women who flew, maintained and supplied it. As this amazing aircraft has now departed from service, its story can finally be told with full access to the range of official records regarding its acquisition and operation. The politics spanning fifty years of air force history, the controversies, and that media drama, have all been faithfully and unflinchingly described. Loved by the public, decried by armchair strategists, the F-111 has at last found its place in Australia's rich military history.

The Sport of Kings John Wiley & Sons

Whether you are about to go out in a sculling boat for the first time, simply enjoy recreational sculling, or have aspirations to be a member of the national team, this book contains information that will help you to improve your performance and maximize your potential. Sculling considers the principles that underlie training, technique and the correct adjustment of the boat's rigging and gearing. It also offers practical advice on how those principles can be applied. In addition, the book covers a wide range of other important subjects, including; technique and training; confidence building and mental skills; racing strategies; physiological requirements; healthy sculling, nutrition and injury prevention; effective learning and coaching; safety; and different types and designs of sculling boats, blades and equipment. Written by an internationally successful rowing and sculling coach, this comprehensive book will be invaluable to all scullers and their coaches.

History of Electric Cars Crowood Press (UK)

In this book, Dr. Andras Sobester reviews the science behind high altitude flight. He takes the reader

on a journey that begins with the complex physiological questions involved in taking humans into the "death zone." How does the body react to falling ambient pressure? Why is hypoxia (oxygen deficiency associated with low air pressure) so dangerous and why is it so difficult to 'design out' of aircraft, why does it still cause fatalities in the 21st century? What cabin pressures are air passengers and military pilots exposed to and why is the choice of an appropriate range of values such a difficult problem? How do high altitude life support systems work and what happens if they fail? What happens if cabin pressure is lost suddenly or, even worse, slowly and unnoticed? The second part of the book tackles the aeronautical problems of flying in the upper atmosphere. What loads does stratospheric flight place on pressurized cabins at high altitude and why are these difficult to predict? What determines the maximum altitude an aircraft can climb to? What is the 'coffin corner' and how can it be avoided? The history of aviation has seen a handful of airplanes reach altitudes in excess of 70,000 feet - what are the extreme engineering challenges of climbing into the upper stratosphere? Flying high makes very high speeds possible -- what are the practical limits? The key advantage of stratospheric flight is that the aircraft will be 'above the weather' - but is this always the case? Part three of the book investigates the extreme atmospheric conditions that may be encountered in the upper atmosphere. How high can a storm cell reach and what is it like to fly into one? How frequent is high altitude 'clear air' turbulence, what causes it and what are its effects on aircraft? The stratosphere can be extremely cold - how cold does it have to be before flight becomes unsafe? What happens when an aircraft encounters volcanic ash at high altitude? Very high winds can be encountered at the lower boundary of the stratosphere - what effect do they have on aviation? Finally, part four looks at the extreme limits of stratospheric flight. How high will a winged aircraft will ever be able to fly? What are the ultimate altitude limits of ballooning? What is the greatest altitude that you could still bail out from? And finally, what are the challenges of exploring the stratospheres of other planets and moons? The author discusses these and many other questions, the known knowns, the known unknowns and the potential unknown unknowns of stratospheric flight through a series of notable moments of the recent history of mankind's forays into the upper atmospheres, each of these incidents, accidents or great triumphs illustrating a key aspect of what makes stratospheric flight aviation at the limit.

The Mitfords: Letters between Six Sisters Crowood

The highly distinctive Humvee, or 'Hummer', is the US Army's current all-terrain, all-purpose vehicle. It has fifteen configurations, including cargo/troop carrier, weapons carrier and ambulance, all sharing a common engine, chassis and transmission. Here, the full story of its design development and production is told by Bill Munro.

Cromwell's Convicts Read Books Ltd

In this new view of the Citroen story, automotive/aviation writer and design specialist Lance Cole investigates not just the details of the cars of Citroen, but the aeronautical and cultural origins that lay behind Citroen's form and function. The book digs deep into the ethos of Automobiles Citroen to create a narrative on one of the greatest car manufacturers in history. Using interviews, translations, archive documents and specially-commissioned photographs, the Citroen journey is cast in a fresh perspective. It explains in detail the influences upon Citroen design: Voisin, Lefebvre, Bertoni, Boulanger, Mages, Opron and recent Citroen designers such as Coco, Blakeslee and Soubirou. As well as all the men of the great period of 1920s-1970s expansion, it also cites less well-known names of Citroen's French engineering, design, and influence such as Cayla, Gerin, Giret, Harmand, Dargent and others, to give a full picture of Citroen heritage. The book provides in-depth analysis of all major Citroen models with an engineering and design focus and profiles key individuals and cars up to the present day and Citroen's 'DS'-branded resurgence. It features many newly commissioned photographs, rare archive drawings and interviews with Citroen owners. Researched amongst leading Citroen experts and restorers, Lance Cole provides a fresh perspective on the Citroen car manufacturer, its design language and the legacy of its extraordinary engineering which will be of great interest to all Citroen and motoring enthusiasts. Superbly illustrated with 329 colour photographs, many newly commissioned along with rare archive drawings.

Bicycle USA. Quercus Publishing

'This is fencing!' is a rally call heard in training centres around the country. Coined by experienced GB fencing coach, Ziemowit Wojciechowski, it embodies the passion, skill and dedication needed to excel at an international level. As one of the world's most renowned foil coaches, achieving Olympic podium success and top world rankings for his fencers, Ziemowit has sustained a long and successful career, which he now unpacks in this comprehensive guide. Using real life examples and case studies, This is Fencing! offers detailed approaches to training, tactics and exercises in the foil, providing key insights into how to create both individual and club training sessions. Key topics

include: the core principles of coaching, training and performance; aspects of an individual lesson; detailed examples of footwork exercises; physical and psychological preparation and practical tactical advice during competitions. It captures the true spirit of fencing and will be of great interest to all fencing coaches, whether advanced or beginner. It is superbly illustrated with 87 colour, 35 black & white photographs and 17 line artworks.

Sport and Exercise Psychology Cambridge University Press

This complete history of this famous family military vehicles reveals much that has not previously been widely known. From works records and interviews with Alvis and the military, Bill Munro has put together a fascinating history.

The Politics of Washing Butterworth-Heinemann

With stunning photos and evocative text, this compelling guide tells travelers what they need to know about Provence from the inside out. Includes little known facts--such as American denim was first produced here--that give the character, history and flavor of this exotic country.

A Critical Introduction to Sport Psychology Crowood Press (UK)

Carbodies Bill Munro Subtitled: The Complete Story. Although best known today for its classic black taxi, Carbodies have a long and fascinating history. Taxi driver Bill Munro tells this remarkable story using the personal recollections of people who were actively involved with Carbodies. This well-researched and fascinating account contains the complete history of the Carbodies Company and includes many rare, previously unpublished archive photographs. Contains details of the latest TX1 taxi. Hdbd., 7 1/4" x 9 1/2", 28 pgs., 21 b&w ill., 24 color.

Citroen Springer Nature

It is now just over a hundred years since the first motor cab took to the road in London. Bill Munro has compiled a complete history of the motor taxi-cabs that have worked on the streets of the capital from then right up to present day. Including information on the well-known cabs from Austin and Metrocab, the book also covers less well-known machines from Citroen, Beardmore and Unic, and a whole host of even more obscure vehicles, some of which never got past the prototype stage. Illustrated with many archive photographs, this book written by a cabby and experienced motoring historian is set to be the best volume available on this fascinating subject.

The British National Bibliography McFarland

Mercedes Benz has now been manufacturing SL sports cars for fifty years, and for all that time the cars adorned with those two special letters have been admired and coveted by car lovers the world over. It all started in 1954, with the fabulous and iconic 300SL Gullwing, a road car developed directly from the stunning 300SLR racing car. Other models followed, including the more affordable 190SL, the 'Pagoda' car of the sixties and the stylish ranges of the seventies and eighties. Mercedes now use the SL tag before rather than after the numbers in the cars' designations, but the line is as strong as ever, with a magnificent new range and an SLR supercar developed with McLaren that takes the family right back to its roots.

This is Fencing! Crowood Press (UK)

Within six months of the devastating attack on Pearl Harbor, the U.S. Navy had checked the Japanese military advance in the Pacific to the extent that the United States could return to its original "Defeat Germany First" strategy. That the Navy was able to accomplish this feat with only six fleet aircraft carriers and little more than 1,000 combat aircraft was not sheer luck but the culmination of more than two decades of determined preparation. This thorough study, with detailed drawings and photographs, explains and illustrates the trial and error process which went into developing the aircraft, airships and ships of the interwar period. The critical factors that shaped Naval Aviation after World War I—naval treaties, fleet tactics, government programs, leadership and organization, as well as the emergence of Marine Corps and Coast Guard aviation—are discussed in depth.

Hindu Kush-Himalaya Watersheds Downhill: Landscape Ecology and Conservation Perspectives Cambridge University Press

T. S. Eliot's *The Waste Land* is often considered to be the most important poem written in English in the twentieth century. The poem dramatically shattered old patterns of form and style, proposed a new paradigm for poetry and poetic thought, demanded recognition from all literary quarters, and changed the ways in which it was possible to approach, read, or write poetry. *The Waste Land* helped to define the literary and artistic period known as modernism. This Companion is the first to be dedicated to the work as a whole, offering fifteen new essays by international scholars and covering an extensive range of topics. Written in a style that is at once sophisticated and accessible, these fresh critical perspectives will serve as an invaluable guide for scholars, students, and general readers alike.

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