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High-Speed Dreams Sep 13 2021 In *High-Speed Dreams*, Erik M. Conway constructs an insightful history that focuses primarily on the political and commercial factors responsible for the rise and fall of American supersonic transport research programs. Conway charts commercial supersonic research efforts through the changing relationships between international and domestic politicians, military/NASA contractors, private investors, and environmentalists. He documents post-World War II efforts at the National Advisory Committee on Aeronautics and the Defense Department to generate supersonic flight technologies, the attempts to commercialize these technologies by Britain and the United States during the 1950s and 1960s, environmental campaigns against SST technology in the 1970s, and subsequent attempts to revitalize supersonic technology at the end of the century. *High-Speed Dreams* is a sophisticated study of politics, economics, nationalism, and the global pursuit of progress. Historians, along with participants in current aerospace research programs, will gain valuable perspective on the interaction of politics and technology.

Soviet Military Power Nov 03 2020 The most significant strategic development in the second half of the twentieth century has been the emergence of the Soviet Union as a superpower. This dominant position is firmly founded on military strength, and the Soviet Union's relentless expansionist policies would be impossible without the support of strongly manned and well equipped armed forces. More than for any other nation, the USSR's political position, in Europe and throughout the world, depends on the might of the Soviet war machine. Even in internal affairs the generals and admirals have massive influence on the development of Soviet policy. - Jacket flap.

Proceedings of the 1st International and Interdisciplinary Conference on Digital Environments for Education, Arts and Heritage Apr 01 2023 This book gathers peer-reviewed papers presented at the 1st International and Interdisciplinary Conference on Digital Environments for Education, Arts and Heritage (EARTH2018), held in Brixen, Italy in July 2018. The papers focus on interdisciplinary and multi-disciplinary research concerning cutting-edge cultural heritage informatics and engineering; the use of technology for the representation, preservation and communication of cultural heritage knowledge; as

well as heritage education in digital environments; innovative experiments in the field of digital representation; and methodological reflections on the use of IT tools in various educational contexts. The scope of the papers ranges from theoretical research to applications, including education, in several fields of science, technology and art. EARTH 2018 addressed a variety of topics and subtopics, including digital representation technologies, virtual museums and virtual exhibitions, virtual and augmented reality, digital heritage and digital arts, art and heritage education, teaching and technologies for museums, VR and AR technologies in schools, education through digital media, psychology of perception and attention, psychology of arts and communication, as well as serious games and gamification. As such the book provides architects, engineers, computer scientists, social scientists and designers interested in computer applications and cultural heritage with an overview of the latest advances in the field, particularly in the context of science, arts and education.

Multiproduct Plants Oct 03 2020 In the chemical industry, just in time delivery and ever more efficient processes are prime requisites for competitiveness. High end products require a wide product diversity resulting in lower quantities of each single product. The answer to the problem are multiproduct plants designed to meet changing requirements. Already at design stage, different potential requirements are taken into consideration allowing technical equipment to be installed according to the desired product. Reconfiguration can be achieved quickly through exchange of readily available components without costly refitting of the entire plant. This is the first comprehensive source of information on this modern topic, treating the different concepts known for multiproduct plants, their technical realization, possible uses for the production of chemicals, the choice of the construction materials, as well as safety considerations.

B-1 Lancer Mar 08 2021 This volume profiles the Boeing North American B-1 Lancer, the last mass-produced strategic bomber in the US, sporting the most complex mechanical and electronic systems of any warplane ever developed. The book includes detailed explanations of technologically advanced flight and warfare avionics and descriptions of abilities and limitations evolving through changing missions and modifications.

iF yearbook product 2009 May 02 2023 Das Jahrbuch würdigt die Gewinner des iF product design award 2009, einem der international bedeutendsten Designpreise. Es stellt alle ausgezeichneten Produkte der Kategorien Audio/Video, Telekommunikation, Computer, Licht, Möbel/ Heimtextilien, Haushalt, Freizeit/Lifestyle, Industrie/Gebäude u.v.m. vor.

A Guide to Sensitivity Testing Dec 29 2022 Intended for clinical microbiologists and infectious disease physicians, this report reviews and discusses the main sensitivity testing methods - in vitro tests of antibacterial activity - used in the UK.

Report to the President on Combating Antibiotic Resistance Jan 18 2022 This report offers recommendations to the Federal

government for strengthening the Nation's ability to combat the rise in antibiotic-resistant bacteria. Without rapid and coordinated action, the U.S. risks losing the tremendous public health progress made over the last century from the discovery and development of antibiotic drugs, thereby threatening patient care, economic growth, public health, agriculture, economic security, and national security. Recommendations were developed in consultation with a working group of experts in antibiotic resistance who span the human and veterinary health sectors, as well as representatives from the pharmaceutical industry, biotechnology companies, and agribusiness. The report identifies several areas that require urgent attention and outlines a set of practical steps the U.S. government should take to bring the antibiotic-resistance crisis under control. This is a print on demand report.

Milestones of Aviation May 10 2021 A history of aviation focuses on the technical developments and specific models of aircraft and the future of aircraft design.

The Central Intelligence Agency and Overhead Reconnaissance Oct 15 2021 The CIA's 2013 release of its book *The Central Intelligence Agency and Overhead Reconnaissance 1954–1974* is a fascinating and important historical document. It contains a significant amount of newly declassified material with respect to the U-2 and Oxcart programs, including names of pilots; codenames and cryptonyms; locations, funding, and cover arrangements; electronic countermeasures equipment; cooperation with foreign governments; and overflights of the Soviet Union, Cuba, China, and other countries. Originally published with a Secret/No Foreign Dissemination classification, this detailed study describes not only the program's technological and bureaucratic aspects, but also its political and international context, including the difficult choices faced by President Eisenhower in authorizing overflights of the Soviet Union and the controversy surrounding the shoot down there of U-2 pilot Francis Gary Powers in 1960. The authors discuss the origins of the U-2, its top-secret testing, its specially designed high-altitude cameras and complex life-support systems, and even the possible use of poison capsules by its pilots, if captured. They call attention to the crucial importance of the U-2 in the gathering of strategic and tactical intelligence, as well as the controversies that the program unleashed. Finally, they discuss the CIA's development of a successor to the U-2, the Oxcart, which became the world's most technologically advanced aircraft. For the first time, the more complete 2013 release of this historical text is available in a professionally typeset format, supplemented with higher quality photographs that will bring alive these incredible aircraft and the story of their development and use by the CIA. This edition also includes a new preface by author Gregory W. Pedlow and a foreword by Chris Pocock. Skyhorse Publishing, as well as our Arcade imprint, are proud to publish a broad range of books for readers interested in history--books about World War II, the

Third Reich, Hitler and his henchmen, the JFK assassination, conspiracies, the American Civil War, the American Revolution, gladiators, Vikings, ancient Rome, medieval times, the old West, and much more. While not every title we publish becomes a New York Times bestseller or a national bestseller, we are committed to books on subjects that are sometimes overlooked and to authors whose work might not otherwise find a home.

Methods for Determining Bactericidal Activity of Antimicrobial Agents Oct 27 2022

Augmented Reality in Public Spaces. Basic Techniques for Video Mapping Mar 20 2022

Lockheed SR-71/YF-12 Blackbirds Dec 17 2021 One of a series of books designed for the layman which looks at military aircraft, in this case, the SR-71 spyplane and YF-12 armed attack aircraft. The text includes exploded views, cutaways and technical manual excerpts.

Sacred Hymns And Spiritual Songs For The Church Of Jesus Christ Of Latter-day Saints Nov 27 2022 This work has been selected by scholars as being culturally important, and is part of the knowledge base of civilization as we know it. This work was reproduced from the original artifact, and remains as true to the original work as possible. Therefore, you will see the original copyright references, library stamps (as most of these works have been housed in our most important libraries around the world), and other notations in the work. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. As a reproduction of a historical artifact, this work may contain missing or blurred pages, poor pictures, errant marks, etc. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

North American Valkyrie XB-70A Jun 10 2021 Beskriver udviklingen af det amerikanske bombefly XB-70A herunder prøveflyvningerne. Flyet blev opgivet og kom aldrig i operativ drift.

Valkyrie Aug 25 2022 This is the story of the largest Mach 3 aircraft ever flown the North American Aviation XB-70A Valkyrie. Dennis R. Jenkins and Tony R. Landis have conducted extensive research in military, NASA, and company archives to find previously uncovered aspects of this fascinating program. Includes descriptions of the proposed bombing and navigation systems, defensive armament, electronic countermeasures, and early attempts at stealth technology. Accompanied by over 250 photos and dozens of illustrations, this in-depth history covers the entire B-70 program, not just the two aircraft that ultimately flew.

Love, Sex and Money Apr 20 2022

Lockheed Blackbirds - Warbirdtech Apr 08 2021 On 26 April 1962, Lockheed test pilot Lou Schalk took the first flight in an aircraft at a classified desert test facility in Nevada. The aircraft was far more advanced than anything in the sky, and when made public several years later it would capture the world's fascination like few other aircraft ever have. Three distinct variants were eventually manufactured, but surprisingly, none of them ever had an official name. Unofficially, they have all been referred to as "Blackbirds" and "Habu," the fastest, highest flying air-breathing aircraft in the world. The Lockheed model number of the first variant was A-12, but by a sort of inspired perversity it came to be called Oxcart, a code name also applied to the program under which it was developed. The other two variants carried the Air Force designations YF-12 and SR-71. This is the story of the Lockheed Blackbirds - fifty of the fastest, highest-flying air-breathing aircraft ever developed and deployed. This book is crammed with detailed photos and illustrations and is a fantastic resource for scale model builders. Photos in this edition are black and white.

Adults with Down Syndrome Jul 24 2022 From the author of A Parents' Guide to Down Syndrome and Adolescents with Down Syndrome ? a essential new book on adulthood!;

North American XB-70A Valkyrie Nov 15 2021 This top-flight series provides a review of the world's most exciting combat aircraft.

The Fall of the Roman Empire Jun 22 2022 Shows how Europe's barbarians, strengthened by centuries of contact with Rome on many levels, turned into an enemy capable of overturning and dismantling the mighty Empire.

National Strategy for Combating Antibiotic-Resistant Bacteria Sep 25 2022 The discovery of antibiotics in the early 20th century fundamentally transformed human and veterinary medicine. Antibiotics now save millions of lives each year in the United States and around the world. The rise of antibiotic-resistant bacterial strains, however, represents a serious threat to public health and the economy. The CDC estimates that annually at least two million illnesses and 23,000 deaths are caused by antibiotic-resistant bacteria in the United States alone. As more strains of bacteria become resistant to an ever-larger number of antibiotics, our drug choices will become increasingly limited and expensive and, in some cases, nonexistent. If this trend continues unchecked, a wide range of modern medical procedures, from basic dental care to organ transplants, likely would be accompanied by a much greater risk of developing a difficult-to-treat or untreatable antibiotic infection. The safety of many modern medical procedures is dependent on the ability to treat bacterial infections that can arise as post-treatment complications.

Molecular Basis of Aging Feb 16 2022 Molecular Basis of Aging is a collection of papers that discuss the molecular aspects of aging in the light of molecular biology, biochemical gerontology, and genetics. Each chapter of the book contains a different study about the topic, which includes the effects of aging on DNA synthesis; the amplification of extrachromosomal circular copies and mitochondrial DNA during aging; and the altered actions of hormones and neurotransmitters during aging. The book also encompasses the loss of responsiveness to growth factors in cell senescence; the integration of cellular-molecular and neuroendocrin ...

Concept Aircraft Feb 04 2021 Climb into the cockpit of some of the world's most exciting experimental and test aircraft, like the revolutionary Vought XF5U. Nicknamed the "Flying Pancake," the XF5U's unique saucer shape fueled rumors that the United States government was secretly testing a UFO! Fascinating stories about fabled prototypes and designs that would shape aviation history abound in this authoritative book edited by aviation expert Jim Winchester. Spreads feature plenty of historical photographs, full-color graphics, timelines and fun facts that showcase the genius behind some of the greatest designs in aviation history. Though many of these designs never flew, this new book in the Aviation Factfiles series is definitely ready to fly.

Race to Oblivion Jan 06 2021 Presents an ordinary day in the life of a colorful family living in a doll's house.

Architect's Illustrated Pocket Dictionary Jan 30 2023 This pocket-sized Dictionary offers huge coverage for the 40,000+ people studying or working in architecture, construction or any of the built environment fields. From Abaciscus to Zophorus, the reader is able to quickly track down precisely the term they are looking for. The book is illustrated with stunning drawings that provide a visual as well as a textual definition of both key concepts and subtle differences in meaning. Compact and affordable; Davies and Jokiniemi's work is the miniature version of the Dictionary of Architecture and Building Construction. The Architect's Illustrated Pocket Dictionary can be used on site or quickly at the desk and is suitable for all those interested in the buildings that surround us.

Soviet SST, Techno-Politics of the Tupolev-144 Dec 05 2020

The Island of the Elyms May 22 2022 The novel The Island of the Elyms is set in a village of Sicily. It touches four generations of a well-to-do family and relates the tragic and humorous occurrences in the life of each member of that family. The story is narrated by a young girl, Marianna, whose romantic ideals and openness are often in conflict with the secretive and reserved nature of her family. Marianna loves the more salubrious and rustic lifestyle of the land-workers as opposed to the refined and sophisticated lifestyle of her aristocratic family. She feels the former to be an honest way of life and the latter

a pretentious and artificial one. Marianna, with the exuberance of youth, would like to see a radical change in the way her family deals with certain issues. She herself represents a slowly changing society. However, the people whose beliefs have been forged and impressed into their very soul by generations of tumultuous historical events, are resistant to change. Eventually, Marianna learns to appreciate the island's cultural richness and its paradox. A sense of history and mythology, superstition and religion, in fact, often exist alongside one another and are portrayed in the novel. The novel touches also on both the First and Second World Wars because two members of Marianna's family, her grandfather and father, fought in each war respectively. It depicts every human emotion by means of adopting humor and tragedy throughout. One might say that in the novel *The Island of the Elyms* there is a book within the book as the lives of Marianna's great grandparents and grandparents emerge. The former being read by Nonna from her mother's memoirs and the latter narrated by Nonna herself. When finally Marianna is comfortable with who she is - different from the rest of her family, she is torn away from her birthplace for the great unknown which happens to be Australia. The story ends with the uprooting of the girl by the family, who, in turn, has to forfeit and abandon every dream, and thus becoming the innocent victim of the tragedy of emigration.

Striving for Air Superiority Aug 13 2021 Annotation. "Tactical bombing", Gen. Jimmy Doolittle reportedly observed, "is breaking the milk bottle. Strategic bombing is killing the cow". Most nations have historically chosen between building tactical and strategic air forces; rarely has a state given equal weight to both. The advantages of tactical air power are obvious today as small wars and petty tyrants bedevil us, but in a Cold War world split between continental superpowers, strategic bombing took precedence, with calamitous consequences. In the 1960s, the U.S. Air Force lacked the equipment and properly trained pilots to assure air superiority because the Tactical Air Command (TAC) had become little more than a handmaiden to the Strategic Air Command (SAC). TAC focused primarily on the interdiction of enemy bombers and virtually ignored its other responsibilities. Its aircraft were designed to shoot at large, lumbering bombers and not to engage in dog fights with highly maneuverable MiGs. Hannah shows how a tactical air force that won a victory in World War II deteriorated into a second-rate force flying aging aircraft during the early years of the Cold War, recovered briefly over Korea, then slid into obsolescence during the 1950s. His explanation of why America's fighter aircraft did not work in Vietnam is instructive and unsettling. Hannah explains how TAC struggled through the war in Vietnam to emerge in the 1970s as the best tactical air force in the world. He side-steps politics and inter-service rivalries to focus on the nuts and bolts of tactical air power. The result is a factual, informative account of how an air force first loses its way then finds its mission again.

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B-1B Jul 12 2021 Traces the development of the controversial B-1 bomber, describes its specifications and capabilities and discusses the aircraft's role in U.S. strategic planning

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