

Electricity Ety 155 Book

A curator and essayist surveys the inner workings of creative duos, from John Lennon and Paul McCartney to Marie and Pierre Curie to Steve Jobs and Steve Wozniak, and describes how their creative techniques can be adapted and used in everyday life. 50,000 first printing.

"Index of current electrical literature," Dec. 1887- appended to v. 5-

The Electrical Journal

Singing the Body Electric: The Human Voice and Sound Technology

Electricity & Magnetism

Opinions and Decisions of the Railroad Commission

Finding the Essence of Innovation in Creative Pairs

La découverte scientifique et la maîtrise de l'électricité ont bouleversé notre société au même titre que l'invention de l'écriture alphabétique durant l'Antiquité et de l'imprimerie à caractères mobiles au XVe siècle. Il ne s'agit pas seulement d'un phénomène naturel mis au service de l'homme par la science, mais d'un élément central de l'épistémè moderne : l'électricité a inspiré des écrivains et des artistes, a servi de force d'impulsion au monde de l'industrie et de l'innovation et a redéfini l'incidence de l'électricité sur le savoir, les pratiques sociales, les médias, la vie sociale et les expériences personnelles, cet ouvrage tente d'en saisir les aspects techniques et culturels dans toute leur complexité. -- The scientific discovery and mastery of electricity created as many important changes in modern society as did the invention of alphabetical writing in antiquity and movable type in the fifteenth century. It is more than a natural phenomenon that science has harnessed in modern episteme. It has inspired writers and artists, propelled industry and innovation, and reshaped human social behaviour. Looking at a variety of topics including film, politics, and contemporary art, this volume explores the impact of electricity on knowledge, social practices, media, community life, and subjective experience.

The place: The steep mountains outside Salt Lake City. The time: The first decade of the twentieth century. The man: Daniel Jackling, a young metallurgical engineer. The goal: A bold new technology that could provide billions of pounds of cheap copper for a rapidly electrifying America. The result: Bingham's enormous "Glory Hole," the first large-scale open-pit copper mine, an enormous chasm in the earth and one of the largest humanmade artifacts on the planet. Mass Destruction: The development of open-pit hard rock mining, its role in the wiring of an electrified America, as well its devastating environmental consequences. Mass destruction mining soon spread around the nation and the globe, providing raw materials essential to the mass production and mass consumption that increasingly defined the emerging "American way of life." At the dawn of the last century, Jackling's open pit replaced immense but constricted underground mines that probed nearly a mile into the modern faith that science and technology could overcome all natural limits. A new culture of mass destruction emerged that promised nearly infinite supplies not only of copper, but also of coal, timber, fish, and other natural resources. But, what were the consequences? Timothy J. LeCain deftly analyzes how open-pit mining continues to affect the environment in its ongoing devastation of nature and commodification of the physical world. The nation's largest toxic waste site is still active, and other types of environmental dead zones around the globe. Yet today, as the world's population races toward American levels of resource consumption, truly viable alternatives to the technology of mass destruction have not yet emerged.

Electric Traction

Makers of Science

Opinions and Decisions of the Railroad Commission of the State of Wisconsin

The English Catalogue of Books ...: 1801-1836. Ed. and comp. by R.A. Peddie and O. Waddington. 1914

Electrical World

A Miscellaneous Collection of Pamphlets on Optics, Astronomy, Electricity, Light, and MathematicsPharmaceutical Record and Weekly Market ReviewL'Ère électrique - The Electric AgeUniversity of Ottawa Press

Renewable energy is electricity generated by fuel sources that restore themselves over a short period of time and do not diminish. Although some renewable energy technologies impact the environment, renewables are considered environmentally preferable to conventional sources and, when replacing fossil fuels, have significant potential to reduce greenhouse gas emissions. This book focuses on the environmental and economic benefits of using renewable energy, which include: (i) generating energy that produces no greenhouse gas emissions from fossil fuels and reduces some types of air pollution, (ii) diversifying energy supply and reducing dependence on imported fuels, and (iii) creating economic development and jobs in manufacturing, installation, and more. Local governments can dramatically reduce their carbon footprint by purchasing or directly generating electricity from clean and renewable sources. The most common renewable power technologies include: solar (photovoltaic (PV), solar thermal), wind, biogas (e.g., landfill gas, wastewater treatment digester gas), geothermal, biomass, low-impact hydroelectricity, and emerging technologies such as wave and tidal power. Local governments can lead by example by generating energy on site, purchasing green power, or purchasing renewable energy. Using a combination of renewable energy options can help to meet local government goals, especially in some regions where availability and quality of renewable resources vary. Options for using renewable energy include: generating renewable energy on site, using a system or device at the location where the power is used (e.g., PV panels on a state building, geothermal heat pumps, biomass-fueled combined heat and power), and purchasing renewable energy from an electric utility through a green pricing or green marketing program, where buyers pay a small premium in exchange for electricity generated locally from green power resources.

Journal of Electricity, Power, and Gas

Essential Calculus

Electricity, Landscape, and the American Mind

a proceeding to enforce a plan pursuant to sections 11(e) and 18(f) of the Public Utility Holding Company Act of 1935 : civil action no. 36-155 : notice

L'Ère électrique - The Electric Age

Vols. 1898- include a directory of publishers.

This book is for instructors who think that most calculus textbooks are too long. In writing the book, James Stewart asked himself: What is essential for a three-semester calculus course for scientists and engineers? ESSENTIAL CALCULUS, Second Edition, offers a concise approach to teaching calculus that focuses on major concepts, and supports those concepts with precise definitions, patient explanations, and carefully graded problems. The book is only 900 pages—two-thirds the size of Stewart's other calculus texts, and yet it contains almost all of the same topics. The author achieved this relative brevity primarily by condensing the exposition and by putting some of the features on the book's website, www.StewartCalculus.com. Despite the more compact size, the book has a modern flavor, covering technology and incorporating material to promote conceptual understanding, though not as prominently as in Stewart's other books. ESSENTIAL CALCULUS features the same attention to detail, eye for innovation, and meticulous accuracy that have made Stewart's textbooks the best-selling calculus texts in the world. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Fossil Energy Update

The Elements of Mechanical and Electrical Engineering

The Theory and Practice of Absolute Measurements in Electricity and Magnetism

The Scientific Papers of Thomas Andrews

A Miscellaneous Collection of Pamphlets on Optics, Astronomy, Electricity, Light, and Mathematics

Singing the Body Electric explores the relationship between the human voice and technology, offering startling insights into the ways in which technological mediation affects our understanding of the voice, and more generally, the human body. From the phonograph to magnetic tape and now to digital sampling, Miriama Young visits particular musical and literary works that define a century-and-a-half of recorded sound. She discusses the way in which the human voice is captured, transformed or synthesised through technology. This includes the sampled voice, the mechanical voice, the technologically modified voice, the pliable voice of the digital era, and the phenomenon by which humans mimic the sounding traits of the machine. The book draws from key electro-vocal works spanning a range of genres - from Luciano Berio's Thema: Omaggio a Joyce to Radiohead, from Alvin Lucier's I Am Sitting in a Room, to Björk, and from Pierre Henry's Variations on a Door and a Sigh to Christian Marclay's Maria Callas. In essence, this book transcends time and musical style to reflect on the way in which the machine transforms our experience of the voice. The chapters are interpolated by conversations with five composers who work creatively with the voice and technology: Trevor Wishart, Katharine Norman, Paul Lansky, Eduardo Miranda and Bora Yoon. This book is an interdisciplinary enterprise that combines music aesthetics and musical analysis with literature and philosophy.

Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.

Occasional Papers ...

The Journal of the Institution of Electrical Engineers

The Medical Standard

Cumulated Index Medicus

Electronics and Power

EE century issue, 1871-1971, v. 17, no. 4 (Apr./May 1971).

The proliferation of electric communication and power networks have drawn wires through American landscapes like vines through untended gardens since 1844. But these wire networks are more than merely the tools and infrastructure required to send electric messages and power between distinct places; the iconic lines themselves send powerful messages. The wiry webs above our heads and the towers rhythmically striding along the horizon symbolize the ambiguous effects of widespread industrialization and the shifting values of electricity and landscape in the American mind. In Power-Lined Daniel L. Wuebben weaves together personal narrative, historical research, cultural analysis, and social science to provide a sweeping investigation of the varied influence of overhead wires on the American landscape and the American mind. Wuebben shows that overhead wires—from Morse's telegraph to our high-voltage grid—not only carry electricity between American places but also create electrified spaces that signify and complicate notions of technology, nature, progress, and, most recently, renewable energy infrastructure. Power-Lined exposes the subtle influences wrought by the wiring of the nation and shows that, even in this age of wireless devices, perceptions of overhead lines may be key in progressing toward a more sustainable energy future.

Mass Destruction

Pharmaceutical Record and Weekly Market Review

In the matter of Electric Bond and Share Company ... [et al.]

The Men and Giant Mines That Wired America and Scattered the Planet

The Electrician Electrical Trades Directory and Handbook

The present volume is a corpus-based study of the occurrence, variation, and change in the use of English adjective pairs in -ic and -ical over several centuries. The study involves the analysis of large, multi-million-word corpora representing the English language at various stages. It examines the nature of competition between the two affixes: what kind of rivalry existed, what kinds of words entered into competition, and in what ways the rivalry was resolved. The book presents close studies of six notably differentiated -ic/-ical adjective pairs, namely classic/classical, comic/comical, economic/economical, electric/electrical, historic/historical, and magic/magical, as well as commentaries on some 40 other -ic/-ical pairs, which manifest different types of shifts in use through history. It also includes critical discussion of general perceptions on and approaches to the practical use of corpora, stressing the importance of close and careful study of the materials under analysis. It further emphasises the value of consulting a variety of sources alongside corpora, including dictionaries and language usage manuals. This volume is of interest to language scholars in many fields, including corpus linguistics, diachronic linguistics, semantic change, lexicology, and word formation.

A corpus-based analysis of adjectives in English ending in -ic and -ical

Hearing Before the Subcommittee on Oversight and Investigations, and the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-seventh Congress, First Session, November 10, 1981

Bibliography of Electric Arc Welding--Supplement I. Bibliography, Welding Electrodes and Arc Welding Machines

Powers of Two

The Electrician