

Basic Electrical Engineering Textbook Free Download

Science and technology in the Philippines There are also sectoral councils for Forestry, Agriculture and Aquaculture, the Metal Industry, Nuclear Research, Food and Nutrition, Health, Meteorology, Volcanology and Seismology. His Science and technology in the Philippines describes scientific and technological progress made by the Philippines and analyses related policy issues. The main agency responsible for managing science and technology (S&T) is the Department of Science and Technology (DOST). book called The Fundamentals of Traffic Engineering due to the scarcity of textbooks on the traffic engineering relevant to the Philippine context a208207070

A main principle of open source software development is peer production, with products such as source code, blueprints, and documentation freely available to the public. The open source movement in software began as a response to the limitations of proprietary code. The model is used for projects such as in open source eCommerce, open source appropriate technology, and open source drug discovery. a208207070

Outline of software downloaders Comparisons of media players History of software engineering History of free and open-source software History of software configuration management The following outline is provided as an overview of and topical guide to software: a208207070

A number of upper ontologies have been proposed, each with its own proponents. a208207070

Open source Products include permission to use and view the source code, design documents, or content of the product. The open source model is a decentralized software development model that encourages open collaboration. List of free and open-source software packages Open source is source code that is made freely available for possible modification and redistribution. license terms, others may then download, modify, and publish their version (fork) back to the community a208207070

Laws in many countries criminalize the circumvention of DRM, communication about such circumvention, and the creation and distribution of tools used for such circumvention. Such laws are part of the United States' Digital Millennium Copyright Act (DMCA), and the European Union's Information Society Directive – with... a208207070

Universal design " Curb cuts or sidewalk ramps, which are essential for people in wheelchairs but also used by all, are a. Evaluating material and structures that can be utilized by all. " Barrier-free (无障碍, bariāfurii) building modification Universal design is the design of buildings, products or environments to make them accessible to people, regardless of age, disability, or other factors. "When disabling mechanisms are to be replaced with mechanisms for inclusion, different kinds of knowledge are relevant for different purposes. It addresses common barriers to participation by creating things that can be used by the maximum number of people possible. and the goals are expanded upon in the textbook "Universal Design: Creating Inclusive Environments. As a practical strategy for inclusion, Universal Design involves dilemmas and often difficult priorities. It emerged as a rights-based, anti-discrimination measure, which seeks to create design for all abilities a208207070

Open source promotes universal access via an open-source or free license to a product's... a208207070 Chemically, aluminium is a post-transition metal in the boron group; as is common for the group, aluminium forms compounds primarily in the +3 oxidation state. The aluminium... a208207070 The basic configuration has a range of 1.4 km (0.87 mi). The device consists of a receiver and transmitter pipe (optical head) mounted on a sturdy adjustable holder. Two coaxial cables are used to connect the rooftop installation with a protocol translator installed in the house near a computer or switch. By increasing the diameter of the lens and transmitter pipe diameter, the range can be extended to 1.9 km (1.2... a208207070

Metamaterials: Physics and Engineering Explorations The book encompasses a variety of theoretical, numerical, and experimental perspectives. The discussion encompasses examination of the physics of metamaterial interactions, the designs, and the perspectives of engineering regarding these materials. College of Engineering. Retrieved 2010-05-02. Also included throughout the book are potential applications, which are discussed at various points in each section of each chapter. Free PDF download). "Metamaterials, Physics and Engineering Explorations" (Book review.) on 2010-04-09. SciTech Metamaterials: Physics and Engineering Explorations is a book length introduction to the fundamental research and advancements in electromagnetic composite substances known as electromagnetic metamaterials a208207070

RONJA Released in 2001. It has been estimated that 1,000 to 2,000 links have been built worldwide. a university lecture textbook, European Polytechnic Institute – a Private University, 2015, pages 66–67 Johan Söderberg: Free software to open hardware: RONJA (Reasonable Optical Near Joint Access) is a free-space optical communication system developed in the Czech Republic by Karel Kulhavý of Twibright Labs. It transmits data wirelessly using beams of light. Ronja can be used to create a 10 Mbit/s full duplex Ethernet point-to-point link a208207070

Aluminium It is soft, nonmagnetic, and ductile. It has a density lower than other common metals, about one-third that of steel. The radioactivity of ²⁶Al leads to it being used in radiometric dating. It has one stable isotope, ²⁷Al, which is highly abundant, making aluminium the 12th-most abundant element in the universe. mid-20th century, aluminium emerged as a civil engineering material, with building

applications in both basic construction and interior finish work, and increasingly Aluminium (or aluminum in North American English) is a chemical element; it has symbol Al and atomic number 13. Aluminium has a great affinity towards oxygen, forming a protective layer of oxide on the surface when exposed to air. It visually resembles silver, both in its color and in its great ability to reflect light a208207070

This book has been cited by a few hundred other peer-reviewed research efforts, mostly peer-reviewed science articles. a208207070 Software - collection of computer programs and related data that provides the information for the functioning of a computer. It is held in various forms of memory of the computer. It comprises procedures, algorithms, and documentation concerned with the operation of a data processing system. The term was coined to contrast to the term hardware, meaning physical devices. In contrast to hardware, software "cannot be touched". Software is also sometimes used in a more narrow sense, meaning application software only. Sometimes the term includes data that has not traditionally been associated with computers, such as film, tapes, and records. a208207070 Library classification systems... a208207070

Digital rights management the Wayback Machine Lawrence Lessig's Free Culture, published by Basic Books in 2004, is available for free download in PDF format Archived 16 September Digital rights management (DRM) is the management of legal access to digital content. Various tools or technological protection measures, such as access control technologies, can restrict the use of proprietary hardware and copyrighted works. DRM technologies govern the use, modification and distribution of copyrighted works (e. g. DRM technologies include licensing agreements and encryption. software, multimedia content) and of systems that enforce these policies within devices a208207070

Aluminium oxide It occurs naturally in its crystalline polymorphic phase α -Al₂O₃ as the mineral corundum, varieties of which form the precious gemstones ruby and sapphire, which have an alumina content approaching 100%. Several vintage textbooks cover the history of the field. Al₂O₃ is used as feedstock to produce aluminium metal, as an abrasive owing to its hardness, and as a refractory material owing to its high melting point. It is commonly called alumina and may also be called aloxide, aloxite, ALOX or alundum in various forms and applications and alumina is refined from bauxite. It is the most commonly occurring of several aluminium oxides, and specifically identified as aluminium oxide. ancient and medieval alchemy. Al₂O₃ is an electrical insulator but has a relatively high thermal Aluminium oxide (or aluminium(III) oxide) is a chemical compound of aluminium and oxygen with the chemical formula Al₂O₃ a208207070

Upper ontology manufacturing industry. Terms in the domain ontology are ranked under the terms in the upper ontology, e. , the upper ontology classes are superclasses or supersets of all the classes in the domain ontologies. g. Business In information science, an upper ontology (also known as a top-level ontology, upper model, or foundation ontology) is an ontology (in the sense used in information science) that consists of very general terms (such as "object", "property", "relation") that are common across all domains. An important function of an upper ontology is to support broad semantic interoperability among a large number of domain-specific ontologies by providing a common starting point for the formulation of definitions. BFO has been documented in the textbook Building Ontologies with Basic Formal Ontology, published by MIT Press in 2015 a208207070

Among the men and women who have made contributions to science are Fe del Mundo in the field of pediatrics, Eduardo Quisumbing in plant taxonomy, Gavino Trono in tropical marine phycology and Maria Orosa in the field of food technology. a208207070

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