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Information technology has served to revolutionise the use, exchange, and protection of information. The growth of the internet, the convergence of technologies as well as the development of user generated and social networking sites has meant that significant amounts of person data as well as copyrighted materials are now readily accessible. Within this changing cultural landscape the legal concepts of privacy, data protection, intellectual property and criminality have necessarily had to develop and adapt. In this volume a number of international scholars consider this process and whether it has merely been a question of the law adapting to technology or whether technology has been forced to adapt to law. Technologies have wrought a culture shift it is therefore apposite to ask whether legal concepts, as reflections of culture, should also change. It is in this volume where papers on privacy data protection, intellectual protection and cyber crime begin address this question. This book was published as a special issue of International review of Law Computers and Technology.

Pp. 1.

July 1945 Through September 1992

Northern Hemisphere data tabulations

Government Reports Announcements & Index

Yucca Mountain

Collection of the monthly climatological reports of the United States by state or region with monthly and annual National summaries.

IPCC Report on sources, capture, transport, and storage of CO₂, for researchers, policy-makers and engineers.

Transportation Energy Data Book

Waste Package Closure Control System

Proceedings and Debates of the ... Congress

Congressional Record

Energy Research Abstracts

Based on the authors' combined experience of seventy years working on projects around the globe, Construction Equipment Management for Engineers, Estimators, and Owners contains hands-on, how-to information that you can put to immediate use. Taking an approach that combines analytical and practical results, this is a valuable reference for a wide range of individuals and organizations within the architecture, engineering, and construction industry. The authors delineate the evolution of equipment, setting the stage for specific, up-to-date information on the state-of-the-art in the field. They cover estimating, ownership, operating cost, and how to determine economic life and replacement policy as well as how to schedule a project-driven, equipment-intensive project that achieves target production rates and meets target equipment-related unit costs. The book includes a matrix for the selection of equipment and identifies common pitfalls of project equipment selection to avoid them. It describes how to develop an OSHA job safety analysis for an equipment-intensive project, making this onerous but always essential task easier. The authors' diverse and broad experience makes this a book that ranges from mathematical analysis of equipment operations to the pragmatic discussion of the equipment maintenance programs that guarantee that the production predicted in a cost estimate occurs.

This document lists chronologically and alphabetically by name all nuclear tests and simultaneous detonations conducted in the United States from July 1945 through September 1992. Two nuclear weapons that the United States exploded over the course of World War II are not listed. These detonations were not "tests" in the sense that they were conducted to prove that the weapons would work as designed (as was the first test near Alamogordo, New Mexico on July 16, 1945), or to advance nuclear weapons development, determine weapons effects, or to verify weapon safety as were the more than one thousand tests that have taken place since August 30, 1946. The nuclear weapon (nicknamed "Little Boy") dropped August 6, 1945 from a United States Army Air Force B-29 bomber (the Enola Gay) and detonated over Hiroshima, Japan had an energy yield equivalent to that of 15,000 tons of TNT. The second nuclear weapon (virtually identical to "Fat Man") exploded in a similar fashion August 9, 1945 over Nagasaki, Japan had a yield equivalent to 20,000 tons of TNT. Both detonations were intended to end World War II as quickly as possible. Data on United States tests were obtained from, and verified by, the U.S. Department of Energy's three weapons laboratories -- Los Alamos National Laboratory, Los Alamos, New Mexico; Lawrence Livermore National Laboratory, Livermore, California; and Sandia National Laboratories, Albuquerque, New Mexico; and the Defense Threat Reduction Agency. Additionally, data were obtained from public announcements of the U.S. Atomic Energy Commission and its successors, the U.S. Energy Research and Development Administration, and the U.S. Department of Energy, respectively.

Commerce Business Daily

Yale Law Journal: Volume 125, Number 7 - May 2016

Construction Equipment Management for Engineers, Estimators, and Owners

Special Report of the Intergovernmental Panel on Climate Change

Texas

The Congressional Record is the official record of the proceedings and debates of the United States Congress. It is published daily when Congress is in session. The Congressional Record began publication in 1873. Debates for sessions prior to 1873 are recorded in The Debates and Proceedings in the Congress of the United States (1789-1824), the Register of Debates in Congress (1824-1837), and the Congressional Globe (1833-1873)

The Mathematics Fundamentals Handbook was developed to assist nuclear facility operating contractors provide operators, maintenance personnel, and the technical staff with the necessary fundamentals training to ensure a basic understanding of mathematics and its application to facility operation. The handbook includes a review of introductory mathematics and the concepts and functional use of algebra, geometry, trigonometry, and calculus. Word problems, equations, calculations, and practical exercises that require the use of each of the mathematical concepts are also presented. This information will provide

personnel with a foundation for understanding and performing basic mathematical calculations that are associated with various DOE nuclear facility operations.

Climatological Data, California

Standard Methods for the Examination of Water and Wastewater

Economics of Nuclear and Conventional Merchant Ships, June 30, 1958

Proceedings of the Mechanical, Magnetic, and Underground Energy Storage 1981 annual Contractors' Review, August 24-26, 1981, Washington, D.C.

Lloyd's Register of British and Foreign Shipping

Over 200 U.S. Department of Energy Manuals Combined: CLASSICAL PHYSICS; ELECTRICAL SCIENCE; THERMODYNAMICS, HEAT TRANSFER AND FLUID FUNDAMENTALS; INSTRUMENTATION AND CONTROL; MATHEMATICS; CHEMISTRY; ENGINEERING SYMBOLOGY; MATERIAL SCIENCE; MECHANICAL SCIENCE; AND NUCLEAR PHYSICS AND REACTOR THEORY Jeffrey Frank Jones

DOE/EIA 0384(2009). Provides comprehensive energy data extending over nearly six decades. Included are statistics on total energy productions, consumption, trade, and energy prices; overviews of petroleum, natural gas, coal, electricity, nuclear energy, renewable energy, and international energy; financial and environment indicators; and data unit conversions

Radioactive Waste Management

Geothermal Energy Update

Standard & Poor's Earnings and Ratings Bond Guide

Decennial Edition of the American Digest

Information Technology and Traditional Legal Concepts

Yucca Mountain, Nevada is designated as the proposed geological repository for disposal of spent nuclear fuel (SNF) and high-level radioactive waste (HLW). The U.S. Department of Energy (DOE) is preparing a license application to be submitted to the U.S. Regulatory Committee (USNRC). The Waste Package Closure System (WPCS) project, as summarized in this report, addresses control-related subsystems needed to perform waste package closure-related operations. It includes technical requirements for the WPCS, including component design descriptions for the Welding and Inspection System, and Control and Data Management System. It also includes control functions and associated performance requirements for the Welding Process.

This issue of the Yale Law Journal include these contents: • Essay, "Fiduciary Political Theory: A Critique," by Ethan J. Leib and Stephen R. Galoob • Note, "The Modification of Decrees in the Original Jurisdiction of the Supreme Court," by James G. Mandilk In addition, the issue includes an extensive collection of Features by leading scholars, entitled "A Conversation on Title IX," growing out of an event sponsored by the Journal. Contributors include Michelle J. Anderson, Adele P. Kimmel, Catharine A. MacKinnon, Dana Bolger, Zoe Ridolfi-Starr, and Alyssa Peterson & Olivia Ortiz. Subjects of these essays include institutional liability, costs of liability and schools' financial obligations, transparency in campus reporting, adjudicative processes, and using Title IX for preventing the bullying of LGBT students. This is the seventh issue of academic year 2015-2016. Quality formatting includes linked notes and an active Table of Contents (including linked Contents for individual articles), as well as active URLs in footnotes and proper Bluebook style.

Chemistry Data Book

Carbon Dioxide Capture and Storage

Annual Energy Review, 2008

Scientific and Technical Aerospace Reports

United States Nuclear Tests

The Lloyd's Register of Shipping records the details of merchant vessels over 100 gross tonnes, which are self-propelled and sea-going, regardless of classification. Before the time, only those vessels classed by Lloyd's Register were listed. Vessels are listed alphabetically by their current name.

Over 19,000 total pages ... Public Domain U.S. Government published manual: Numerous illustrations and matrices. Published in the 1990s and after 2000. TITLES and CONTENTS: ELECTRICAL SCIENCES - Contains the following manuals: Electrical Science, Vol 1 - Electrical Science, Vol 2 - Electrical Science, Vol 3 - Electrical Science, Vol 4 - Thermodynamics, Heat Transfer, And Fluid Flow, Vol 1 - Thermodynamics, Heat Transfer, And Fluid Flow, Vol 2 - Thermodynamics, Heat Transfer, And Fluid Flow, Vol 3 - Instrumentation And Control, Vol 1 - Instrumentation And Control, Vol 2 Mathematics, Vol 1 - Mathematics, Vol 2 - Chemistry, Vol 1 - Chemistry, Vol 2 - Engineering Symbology, Prints, And Drawings, Vol 1 - Engineering Symbology, Prints, And Drawings, Vol 2 - Material Science, Vol 1 - Material Science, Vol 2 - Mechanical Science, Vol 1 - Mechanical Science, Vol 2 - Nuclear Physics And Reactor Theory, Vol 1 - Nuclear Physics And Reactor Theory, Vol 2. CLASSICAL PHYSICS - The Classical Physics Fundamentals includes information on the units used to measure physical properties; vectors, and how they are used to show the net effect of various forces; Newton's Laws of motion, and how to use these laws in force and motion applications; and the concepts of energy, work, and power, and how to measure and calculate the energy involved in various applications. * Scalar And Vector Quantities * Vector Identification * Vectors: Resultants And Components * Graphic Method Of Vector Addition * Component Addition Method * Analytical Method Of Vector Addition * Newton's Laws Of Motion * Momentum Principles * Force And Weight * Free-Body Diagrams * Force Equilibrium * Types Of Force * Energy And Work * Law Of Conservation Of Energy * Power - ELECTRICAL SCIENCE: The Electrical Science Fundamentals Handbook includes information on alternating current (AC)

and direct current (DC) theory, circuits, motors, and generators; AC power and reactive components; batteries; AC and DC voltage regulators; transformers; and electrical test instruments and measuring devices. * Atom And Its Forces * Electrical Terminology * Units Of Electrical Measurement * Methods Of Producing Voltage (Electricity) * Magnetism * Magnetic Circuits * Electrical Symbols * DC Sources * DC Circuit Terminology * Basic DC Circuit Calculations * Voltage Polarity And Current Direction * Kirchhoff's Laws * DC Circuit Analysis * DC Circuit Faults * Inductance * Capacitance * Battery Terminology * Battery Theory * Battery Operations * Types Of Batteries * Battery Hazards * DC Equipment Terminology * DC Equipment Construction * DC Generator Theory * DC Generator Construction * DC Motor Theory * Types Of DC Motors * DC Motor Operation * AC Generation * AC Generation Analysis * Inductance * Capacitance * Impedance * Resonance * Power Triangle * Three-Phase Circuits * AC Generator Components * AC Generator Theory * AC Generator Operation * Voltage Regulators * AC Motor Theory * AC Motor Types * Transformer Theory * Transformer Types * Meter Movements * Voltmeters * Ammeters * Ohm Meters * Wattmeters * Other Electrical Measuring Devices * Test Equipment * System Components And Protection Devices * Circuit Breakers * Motor Controllers * Wiring Schemes And Grounding

THERMODYNAMICS, HEAT TRANSFER AND FLUID FUNDAMENTALS. The Thermodynamics, Heat Transfer, and Fluid Flow Fundamentals Handbook includes information on thermodynamics and the properties of fluids; the three modes of heat transfer - conduction, convection, and radiation; and fluid flow, and the energy relationships in fluid systems. * Thermodynamic Properties * Temperature And Pressure Measurements * Energy, Work, And Heat * Thermodynamic Systems And Processes * Change Of Phase * Property Diagrams And Steam Tables * First Law Of Thermodynamics * Second Law Of Thermodynamics * Compression Processes * Heat Transfer Terminology * Conduction Heat Transfer * Convection Heat Transfer * Radiant Heat Transfer * Heat Exchangers * Boiling Heat Transfer * Heat Generation * Decay Heat * Continuity Equation * Laminar And Turbulent Flow * Bernoulli's Equation * Head Loss * Natural Circulation * Two-Phase Fluid Flow * Centrifugal Pumps

INSTRUMENTATION AND CONTROL. The Instrumentation and Control Fundamentals Handbook includes information on temperature, pressure, flow, and level detection systems; position indication systems; process control systems; and radiation detection principles. * Resistance Temperature Detectors (Rtds) * Thermocouples * Functional Uses Of Temperature Detectors * Temperature Detection Circuitry * Pressure Detectors * Pressure Detector Functional Uses * Pressure Detection Circuitry * Level Detectors * Density Compensation * Level Detection Circuitry * Head Flow Meters * Other Flow Meters * Steam Flow Detection * Flow Circuitry * Synchro Equipment * Switches * Variable Output Devices * Position Indication Circuitry * Radiation Detection Terminology * Radiation Types * Gas-Filled Detector * Detector Voltage * Proportional Counter * Proportional Counter Circuitry * Ionization Chamber * Compensated Ion Chamber * Electroscope Ionization Chamber * Geiger-Müller Detector * Scintillation Counter * Gamma Spectroscopy * Miscellaneous Detectors * Circuitry And Circuit Elements * Source Range Nuclear Instrumentation * Intermediate Range Nuclear Instrumentation * Power Range Nuclear Instrumentation * Principles Of Control Systems * Control Loop Diagrams * Two Position Control Systems * Proportional Control Systems * Reset (Integral) Control Systems * Proportional Plus Reset Control Systems * Proportional Plus Rate Control Systems * Proportional-Integral-Derivative Control Systems * Controllers * Valve Actuators

MATHEMATICS The Mathematics Fundamentals Handbook includes a review of introductory mathematics and the concepts and functional use of algebra, geometry, trigonometry, and calculus. Word problems, equations, calculations, and practical exercises that require the use of each of the mathematical concepts are also presented. * Calculator Operations * Four Basic Arithmetic Operations * Averages * Fractions * Decimals * Signed Numbers * Significant Digits * Percentages * Exponents * Scientific Notation * Radicals * Algebraic Laws * Linear Equations * Quadratic Equations * Simultaneous Equations * Word Problems * Graphing * Slopes * Interpolation And Extrapolation * Basic Concepts Of Geometry * Shapes And Figures Of Plane Geometry * Solid Geometric Figures * Pythagorean Theorem * Trigonometric Functions * Radians * Statistics * Imaginary And Complex Numbers * Matrices And Determinants * Calculus

CHEMISTRY The Chemistry Handbook includes information on the atomic structure of matter; chemical bonding; chemical equations; chemical interactions involved with corrosion processes; water chemistry control, including the principles of water treatment; the hazards of chemicals and gases, and basic gaseous diffusion processes. * Characteristics Of Atoms * The Periodic Table * Chemical Bonding * Chemical Equations * Acids, Bases, Salts, And Ph * Converters * Corrosion Theory * General Corrosion * Crud And Galvanic Corrosion * Specialized Corrosion * Effects Of Radiation On Water Chemistry (Synthesis) * Chemistry Parameters * Purpose Of Water Treatment * Water Treatment Processes * Dissolved Gases, Suspended Solids, And Ph Control * Water Purity * Corrosives (Acids And Alkalies) * Toxic Compound * Compressed Gases * Flammable And Combustible Liquids

ENGINEERING SYMBOLOGY. The Engineering Symbology, Prints, and Drawings Handbook includes information on engineering fluid drawings and prints; piping and instrument drawings; major symbols and conventions; electronic diagrams and schematics; logic circuits and diagrams; and fabrication, construction, and architectural drawings. * Introduction To Print Reading * Introduction To The Types Of Drawings, Views, And Perspectives * Engineering Fluids Diagrams And Prints * Reading Engineering P&IDs * P&ID Print Reading Example * Fluid Power P&IDs * Electrical Diagrams And Schematics * Electrical Wiring And Schematic Diagram Reading Examples * Electronic Diagrams And Schematics * Examples * Engineering Logic Diagrams * Truth Tables And

Exercises * Engineering Fabrication, Construction, And Architectural Drawings * Engineering Fabrication, Construction, And Architectural Drawing, Examples MATERIAL SCIENCE. The Material Science Handbook includes information on the structure and properties of metals, stress mechanisms in metals, failure modes, and the characteristics of metals that are commonly used in DOE nuclear facilities. * Bonding * Common Lattice Types * Grain Structure And Boundary * Polymorphism * Alloys * Imperfections In Metals * Stress * Strain * Young's Modulus * Stress-Strain Relationship * Physical Properties * Working Of Metals * Corrosion * Hydrogen Embrittlement * Tritium/Material Compatibility * Thermal Stress * Pressurized Thermal Shock * Brittle Fracture Mechanism * Minimum Pressurization-Temperature Curves * Heatup And Cooldown Rate Limits * Properties Considered * When Selecting Materials * Fuel Materials * Cladding And Reflectors * Control Materials * Shielding Materials * Nuclear Reactor Core Problems * Plant Material Problems * Atomic Displacement Due To Irradiation * Thermal And Displacement Spikes * Due To Irradiation * Effect Due To Neutron Capture * Radiation Effects In Organic Compounds * Reactor Use Of Aluminum MECHANICAL SCIENCE. The Mechanical Science Handbook includes information on diesel engines, heat exchangers, pumps, valves, and miscellaneous mechanical components. * Diesel Engines * Fundamentals Of The Diesel Cycle * Diesel Engine Speed, Fuel Controls, And Protection * Types Of Heat Exchangers * Heat Exchanger Applications * Centrifugal Pumps * Centrifugal Pump Operation * Positive Displacement Pumps * Valve Functions And Basic Parts * Types Of Valves * Valve Actuators * Air Compressors * Hydraulics * Boilers * Cooling Towers * Demineralizers * Pressurizers * Steam Traps * Filters And Strainers NUCLEAR PHYSICS AND REACTOR THEORY. The Nuclear Physics and Reactor Theory Handbook includes information on atomic and nuclear physics; neutron characteristics; reactor theory and nuclear parameters; and the theory of reactor operation. * Atomic Nature Of Matter * Chart Of The Nuclides * Mass Defect And Binding Energy * Modes Of Radioactive Decay * Radioactivity * Neutron Interactions * Nuclear Fission * Energy Release From Fission * Interaction Of Radiation With Matter * Neutron Sources * Nuclear Cross Sections And Neutron Flux * Reaction Rates * Neutron Moderation * Prompt And Delayed Neutrons * Neutron Flux Spectrum * Neutron Life Cycle * Reactivity * Reactivity Coefficients * Neutron Poisons * Xenon * Samarium And Other Fission Product Poisons * Control Rods * Subcritical Multiplication * Reactor Kinetics * Reactor
Annual Energy Review
Climatological Data
The Providence Directory
Doe Fundamentals Handbook - Mathematics (Volume 1 of 2)
Solar Energy Update