

Chemistry David W. Oxtoby 1998 Textbook of chemistry concepts

Fundamentals of Physics, , Chapters 1 to 22 David Halliday 1993-09-13

The Kidneys and the Renal System Britannica Educational Publishing 2011-11-01 Responsible for managing the body's waste and regulating the balance of water and electrolytes, the kidneys and renal system, in a sense, make up the body's plumbing network. When any part of the system fails or does not function properly, the body may be subject to unnatural concentrations of certain substances, causing illness or even death. This volume examines the various components of the renal, or urinary, system, and the consequences of dysfunction and disease.

Analytical Chemistry and Quantitative Analysis David S. Hage 2011 This title presents concepts and procedures in a manner that reflects the practice and applications of these methods in today's analytical laboratories. The fundamental principles of laboratory techniques for chemical analysis are introduced, along with issues to consider in the appropriate selection and use of these methods.

Energia Solare in Architettura E Pianificazione Urbana Norbert Kaiser 1996 Within this context a survey of important buildings and projects from recent years provides concrete examples of the use of solar energy and often reveals entirely new interpretations of it. The work of some 50 architectural practices, which includes housing, schools, offices, exhibition centres and urban plans, is represented. The survey concludes with some of the latest products and skin systems which have been produced to meet the needs of solar architecture.

A Tour of the Calculus David Berlinski 2011-04-27 Were it not for the calculus, mathematicians would have no way to describe the acceleration of a motorcycle or the effect of gravity on thrown balls and distant planets, or to prove

that a man could cross a room and eventually touch the opposite wall. Just how calculus makes these things possible and in doing so finds a correspondence between real numbers and the real world is the subject of this dazzling book by a writer of extraordinary clarity and stylistic brio. Even as he initiates us into the mysteries of real numbers, functions, and limits, Berlinski explores the furthest implications of his subject, revealing how the calculus reconciles the precision of numbers with the fluidity of the changing universe. "An odd and tantalizing book by a writer who takes immense pleasure in this great mathematical tool, and tries to create it in others."--New York Times Book Review

Free as in Freedom [Paperback] Sam Williams 2011-11-30 Chronicles the life of the computer programmer, known for the launch of the operating system GNU Project, from his childhood as a gifted student to his crusade for free software.

Marianne Burkhalter + Christian Sumi Lynnette Widder 1999 "Swiss architects Marianne Burkhalter and Christian Sumi are dedicated to an exploration of the nature of materials and construction. In the last fifteen years, they have built a series of remarkable buildings in wood and stone in Germany, Austria, and Switzerland. Their work is a thoughtful pursuit of the fundamentals of architectural construction-a style that, like that of Zumthor's buildings, might be called Alpine minimalism. Their interest in simple forms and shapes, in luminous color, in the natural grain patterns of wood, and in the opportunities afforded by joinery and other forms of craftsmanship are evident in every aspect of their built work. This comprehensive monograph includes an in-depth look at 25 of Burkhalter and Sumi's projects, including their most famous built work, the Hotel Zurichberg. Essays by Eugene Asse, Detlef Mertins, Steven Spier, and Lynnette Widder, based respectively in Moscow, Toronto, London, and New York, explore their unique style and demonstrate the growing international acknowledgement of their practice." -- Publisher description.