

Opsta I Anorganska Hemija

This exciting text opens the entire field of modern astrophysics to the reader by using only the basic tools of physics. Designed for the junior-level astrophysics course, each topic is approached in the context of the major unresolved questions in astrophysics. The core chapters have been designed for a course in stellar structure and evolution, while the extended chapters provide additional coverage of the solar system, galactic structure, dynamics, evolution, and cosmology.

"Companion text to Manual of exotic pet practice"--Preface. Offers 609 articles by more than two hundred scholars covering the history of science from the Renaissance to the beginning of the twenty-first century.

Many books have now been published in the broad field of environmental toxicology. However, to date, none of them have presented the often fascinating stories of the wildlife science, and the steps along the way from discovery of problems caused by environmental pollutants to the regulatory and non-regulatory efforts to address the problems. This book provides case by case examinations of how toxic chemical effects on wildlife have brought about policy and regulatory decisions, and positive changes in environmental conditions. Wild animal stories, whether they are about the disappearance of charismatic top predators, or of grossly deformed embryos or frogs, provide powerful symbols that can and have captured the public's imagination and have resulted in increased awareness by decision makers. It is the intent of this book to present factual and balanced overviews and summaries of the science and

the subsequent regulatory processes that followed to effect change (or not). We cover a variety of chemicals and topics beginning with an update of the classic California coastal DDT story of eggshell thinning and avian reproduction to more recent cases, such as the veterinarian pharmaceutical that has brought three species of Asian vultures to the brink of extinction. Researchers, regulators, educators, NGOs and the general public will find valuable insights into the processes and mechanisms involved both in environmental scientific investigation and in efforts to effect positive change.

This second edition has been updated by include MyPyramid and the 2005 Dietary Guidelines as well as coverage of material such as digestion, metabolism, chemistry and life cycle nutrition.

"Have a chew of dulie," said Crubog . . . "What is it?" asked Potter, half-suspiciously. "Seaweed. " "Is it good for the virility? . . . " "And what is the virility?" asked the old man. "Does it make you more attractive to women?" Potier shouted in his ear. "No. " "What is it good for then?" "WortnS. " "Worms?" "Intestinal worms. You'll never again pass a worm if you eat a fistful of dulce first thing in the morning and last thing at night. " "If it's an anthelmintic, I'll try a spot of it," said Potter. - From Bogmail, a novel by Patrick McGinley (1981) With modern techniques of chemical isolation and structure determination, the old distinction between herbal and chemical remedies has largely been broken down. By chemotherapy we now mean simply the treatment of disease by drugs (the word medicines has unhappily

been eclipsed). The distinction made between chemotherapy and non chemical therapy (e. g. , radiation, physiotherapy, surgical intervention, immunomodulation) remains useful despite some minor overlapping. The present work thus deals with drugs and their use in parasitic disease. (Since we are dealing with the treatment of incipient as well as established infection, chemotherapy subsumes chemoprophylaxis as well as chemotherapy *per se*.) Definition of parasitism as a biological *modus vivendi*, although important in itself, need not concern us here. We need simply delimit the scope of the book, and that is easily done.

Includes legislation

Atlas of Canine and Feline Urinalysis offers an image-based reference for performing canine and feline urinalyses, with hundreds of full-color images depicting techniques, physical characteristics, urine chemistry, and microscopic characteristics of urine sediment in dogs and cats. Presents hundreds of full-color images for reference and picture-matching while using urinalysis as a diagnostic tool Provides a complete guide to properly performing a urinalysis exam in the veterinary practice Emphasizes collection techniques, physical assessment, urine chemistry, and the microscopic sediment exam Covers casts, crystals, cells, organisms, and artefacts Offers a practical, visual resource for incorporating urinalysis into the clinic

Jugoslovenske naučne institucije Pregled Predavanja za Skolsku Godinu Pregled predavanja Katalog... me?unarodni sajam knjiga Katalog knjiga jugoslovenskih izdavača Priručnik o pripravnici masa objašnjenjima Saveznog sekretarijata za rad, obrascima i zbirkom saveznih, republičkih i pokrajinskih propisa Tehnički rečnik francusko-srpsko-hrvatski 45.000. terminoloških jedinica Službeni list Federalne Bosne-

Hercegovine

A much-needed summary of the importance, synthesis and applications of metal nanoparticles in pharmaceutical sciences, with a focus on gold, silver, copper and platinum nanoparticles. After a brief introduction to the history of metal complexes in medicine and fundamentals of nanotechnology, the chapters continue to describe different methods for preparation of metal nanoparticles. This section is followed by representative presentations of current biomedical applications, such as drug delivery, chemotherapy, and diagnostic imaging. Aimed at stimulating further research in this field, the book serves as an reference guide for academics and professionals working in the field of chemistry and nanotechnology.

Veterinary Endoscopy for the Small Animal Practitioner, Second Edition, gives veterinarians guidance in incorporating diagnostic endoscopy, interventional endoscopy, and minimally invasive soft tissue surgery into their small animal practices. This highly practical reference supports practitioners in adding and effectively using endoscopy techniques in their practices. With a clinically oriented approach, it focuses on applications for rigid and flexible endoscopy, making comprehensive information on these techniques easily accessible. The book covers soft tissue endoscopy, including airway endoscopy, gastrointestinal endoscopy,

diagnostic and operative laparoscopy, diagnostic and operative thoracoscopy, urogenital endoscopy, and otoscopy. Thousands of images, including endoscope images and clinical photographs, enhance the text. Covers diagnostic endoscopy, interventional endoscopy, and minimally invasive soft tissue surgery Includes thousands of images to illustrate endoscopy concepts for veterinarians Provides a clinically oriented reference book for using rigid and flexible endoscopy in a small animal practice Supports veterinarians who are seeking to increase their services and enhance their revenue streams Any practitioner who is using or preparing to use endoscopic techniques will find *Veterinary Endoscopy for the Small Animal Practitioner* an essential practice resource.

"A dazzling journey across the sciences and humanities in search of deep laws to unite them."

--The Wall Street Journal One of our greatest living scientists--and the winner of two Pulitzer Prizes for *On Human Nature* and *The Ants*--gives us a work of visionary importance that may be the crowning achievement of his career. In *Consilience* (a word that originally meant "jumping together"), Edward O. Wilson renews the Enlightenment's search for a unified theory of knowledge in disciplines that range from physics to biology, the social sciences and the humanities. Using the natural sciences as his model, Wilson forges dramatic links between fields. He

explores the chemistry of the mind and the genetic bases of culture. He postulates the biological principles underlying works of art from cave-drawings to Lolita. Presenting the latest findings in prose of wonderful clarity and oratorical eloquence, and synthesizing it into a dazzling whole, Consilience is science in the path-clearing traditions of Newton, Einstein, and Richard Feynman. Complete information is given on the sources, derivation, physical and chemical properties, chief compounds, applications, and biological aspects of each element.--From publisher's description.

Dr. Smil is the world's authority on nitrogenous fertilizer. The industrial synthesis of ammonia from nitrogen and hydrogen has been of greater fundamental importance to the modern world than the invention of the airplane, nuclear energy, space flight, or television. The expansion of the world's population from 1.6 billion people in 1900 to today's six billion would not have been possible without the synthesis of ammonia. In *Enriching the Earth*, Vaclav Smil begins with a discussion of nitrogen's unique status in the biosphere, its role in crop production, and traditional means of supplying the nutrient. He then looks at various attempts to expand natural nitrogen flows through mineral and synthetic fertilizers. The core of the book is a detailed narrative of the discovery of ammonia synthesis by Fritz Haber—a discovery scientists had sought for

over one hundred years—and its commercialization by Carl Bosch and the chemical company BASF. Smil also examines the emergence of the large-scale nitrogen fertilizer industry and analyzes the extent of global dependence on the Haber-Bosch process and its biospheric consequences. Finally, it looks at the role of nitrogen in civilization and, in a sad coda, describes the lives of Fritz Haber and Carl Bosch after the discovery of ammonia synthesis.

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