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this book is dedicated to field emission electronics a promising field at the interface between classic vacuum electronics and nanotechnology in addition to theoretical models it includes detailed descriptions of experimental and research techniques and production technologies for different types of field emitters based on various construction principles it particularly focuses on research into and production of field cathodes and electron guns using recently developed nanomaterials and carbon nanotubes further it discusses the applications of field emission cathodes in new technologies such as light sources flat screens microwave and x ray devices this book combines an exceptional wealth of precise exquisite schematic drawings and high quality images with clear explanatory text in order to provide readers with a crisp and clear understanding of all aspects of congenital heart disease from diagnosis to treatment and from the fetus to the adult in format the book appears similar to a large collection of case reports covering all types of congenital heart disease including complex lesions such as single ventricle and atrial isomerism for each lesion the illustrations are placed before the text so that the reader can gain a quick and general overview before going into more detail the contents are as practical and concise as possible the intention is that despite its size the book will serve as a handy reference for cardiologists surgeons intensivists obstetricians specializing in fetal sonography nurses trainees students researchers and even patients and their families this is a must have bedside reference in the cardiac ward the icu and the fetal sonography room and will even be valuable in outpatient clinics this title allows users to effectively diagnose and treat any acute disease of the stomach intestines peritoneum liver and abdominal wall its authorship includes over 20 internationally recognized experts that provide critical information needed by practitioners for management of abdominal diseases this informative resource provides a thorough discussion of normal and abnormal anatomy and physiology surgical techniques are broken down into an easy to read step by step format this highly visual presentation with over 410 illustrations is a necessary edition to an equine practitioner s library published by teton new media in the usa and distributed by manson publishing outside of north america this book contains a collection of papers dealing with various aspects of the biology and aquaculture of the large branchiopod crustacea the anostraca conchostraca and notostraca included are many of the papers presented at the second international large branchiopod symposium convened in ulm germany 30 july 3 august 1993 additional manuscripts contributed by colleagues who were unable to attend are also included a special feature of this volume is a checklist of the anostraca including information on distribution location of type material taxonomic problems and literature references dinoflagellates are common unicellular organisms found in all types of aquatic ecosystems and are important contributors to freshwater ecosystems as significant primary producers of biomass despite increasing interest in the biology of living and fossil dinoflagellates there has been no compilation of dinoflagellate species found in north america since 1934 and no keys to species in freshwater dinoflagellates of north america susan carty provides a much needed taxonomic guide covering canada the united states mexico all of central america the caribbean and greenland features of the book include identification of dinoflagellate species distribution maps of species ecological and morphological keys to genera key to species within genus lists of references by location glossary and an extensive illustration program following an introductory section on the biology morphology and ecology of freshwater dinoflagellates the species are presented in a field guide format with distribution maps written descriptions emphasizing notable features line drawings and black and white and color micrographs in 1971 the late dr j kolek of the institute of botany bratislava organized the first international symposium devoted exclusively to plant roots at that time perhaps only a few of

the participants gathered together in tatraska lomnica sensed that a new era of root meetings was beginning nevertheless it is now clear that dr kolek's action undertaken with his characteristic enormous enthusiasm was rather pioneering for it started a series of similar meetings moreover what was rather exceptional at the time was the fact that the meeting was devoted to the functioning of just a single organ the root one possible reason for the unexpected success of the original perhaps naive idea of a root symposium might lie with the fact that plant roots have always been extremely popular as experimental material for cytologists biochemists and physiologists wishing to probe processes as diverse as cell division and solute transport of course the connection of roots with the rest of the plant is not forgotten either this wide variety of disciplines is now coupled with the development of increasingly sophisticated experimental techniques to study some of these old problems these factors undoubtedly contribute to the necessity of continuing the tradition of the root symposia the common theme of root function gives in addition a certain unity to all these diverse activities this is the largest and most comprehensive textbook on equine dentistry and maxillofacial surgery ever published and includes the many major scientific advances made in this area over the last 25 years it also describes in great detail numerous developments in standard and advanced equine dental surgical techniques the 38 authors include the most prominent academic and clinical specialists in equine dentistry in the world and most of the authors are equine diplomates of the european or american colleges of veterinary dentistry this textbook will be essential reading for all equine veterinarians performing dentistry especially those who wish to specialise in more advanced equine dentistry including maxillofacial surgery sections of the book will also be of great interest to undergraduate veterinary students equine interns equine surgical residents and veterinary anatomists and pathologists in the evaluation of patients who have or are suspected of being indebted to these contributors this word of thanks falls to have cardiac disease the use of ultrasound is now an short of my true appreciation for their efforts established and widely accepted approach since its although an attempt was made to minimize redun modest beginning three decades ago the technique of dancy in two areas i thought that overlap was indicated echocardiography developed rapidly this success can the sections diseases of the myocardium and coro be credited to the cooperation between the worlds of nary heart disease take up one of the most important medicine and industry recognizing the potential clini aspects of cardiac ultrasound at present and to be ex cal utility of this technique equipment companies de pected in the near and distant future and the emphasis veloped better and better instrumentation and with provided by its duplication of material in these sections competition came a leveling of the costs of this instru was considered not only acceptable but indeed helpful mentation we hope that the future will bring not only the section congenital heart disease also has one area of duplication reflecting the editor s particular in continued improvement in technology but also a contin ued decrease in cost terest in double outlet of the right ventricle being the only place in the northern north atlantic yielding late cainozoic terrestrial sediments rich in plant fossils iceland provides a unique archive for vegetation and climate development in this region this book includes the complete plant fossil record from iceland spanning the past 15 million years eleven sedimentary rock formations containing over 320 plant taxa are described for each flora palaeoecology and floristic affinities within the northern hemisphere are established the exceptional fossil record allows a deeper understanding of the role of the north atlantic land bridge for intercontinental plant migration and of the gulf stream north atlantic current system for regional climatic evolution iceland sits as a fossil trap on one of the most interesting biogeographic exchange routes on the planet the north atlantic the fossil floras of iceland document both local vegetational response to global climate change and more importantly help to document the nature of biotic migration across the north atlantic in the last 15 million years in this state of the art volume the authors place sequential floras in their paleogeographic paleoclimatic and geologic context and extract a detailed history of biotic response to the dynamics of physical change bruce h tiffney university of california santa barbara this beautifully illustrated monograph of the macro and microfloras from the late cenozoic of iceland is a worthy successor to oswald heer s flora fossilis arctica its broad scope makes it a must for all scientists interested in climatic change and palaeobiogeography in the north atlantic region it will remain a classic

for years to come david k ferguson university of vienna the first international symposium on dielectric materials and applications isydma 2016 was held in kenitra 4 may 2016 and in rabat may 5 6 2016 morocco isydma 2016 provided an international forum for reporting the most recent developments in advanced dielectric materials and applications the goal of this collection of peer reviewed papers is to provide researchers and scientists from all over the world with recent developments in dielectric materials and their innovative applications the book will be useful for materials scientists physicists chemists biologists and electrical engineers engaged in fundamental and applied research or technical investigations of such materials since the last joint iau and cospar colloquium in gainesville in 1995 there have been dramatic changes in the field resulting from in situ space experiments earth orbiting satellites and ground based observations the brightest comet since the early years of the twentieth century comet hale bopp appeared giving an invaluable opportunity to see in action one great source of interplanetary dust similarly the leonid meteor shower has been at its most active since 1966 producing spectacular displays of meteors and allowing for an array of observational techniques not available in 1966 to be used while theory has also been refined to a level where very accurate predictions of the timing of meteor storms has become possible prior to the meeting a total eclipse of the sun in south west england and north europe was observed traditionally a good opportunity to observe the zodiacal cloud the knowledge of the near earth asteroid population has also increased dramatically with the increased study arising from the heightened awareness of the danger to earth from such bodies extrasolar planets have been discovered since the last meeting and it is recognised that interplanetary dust in other planetary systems can now be studied since much of the dust observed in such systems is at a distance of order 100 au from the star this brings into focus the production of dust in the edgeworth kuiper belt of our own system recent years have seen a recognition of the importance of dust originating outside our own system that is now present in the near earth environment as is always the case when great strides take place observationally much theoretical work follows and the same is true in this instance while data about the planetary medium from venus to jupiter was beginning to be available at the meeting in 1995 the data from both galileo and ulysses have now been more fully analysed with a corresponding increase in our knowledge this book reflects the thematic approach adopted at the meeting with a flow outwards from meteors in the atmosphere through zodiacal dust observation and interplanetary dust to extra solar planetary systems and returning via the edgeworth kuiper belt and comets to the earth with laboratory studies of physical and chemical processes and the study of extra terrestrial samples discusses the nature origins and development of language and lists the meanings and associated word for more than thirteen thousand indo european root words publishes papers reporting on research and development in optical science and engineering and the practical applications of known optical science engineering and technology the volumes viii ix and x examine the physical and technical foundation for recent progress in applied scanning probe techniques this is the first book to summarize the state of the art of this technique the field is progressing so fast that there is a need for a set of volumes every 12 to 18 months to capture latest developments these volumes constitute a timely comprehensive overview of spm applications the sixth international symposium on diamond materials was held at the 196th meeting of the electrochemical society in honolulu hawaii from october 17 to october 22 1999 pef this book offers up to date information on all aspects of the use of lasers in endodontics focusing especially on the various laser applications including primary and permanent root canal therapies retreatments apical surgery and pulp therapy every laser technique used in endodontics is carefully described and illustrated with detailed coverage of both conventional methods and more recent developments such as laser activated irrigation and photon induced photoacoustic streaming in addition a separate section addresses the basic science of laser dentistry explaining the physics describing laser tissue interactions and discussing different types of laser extensive reference is made to the international literature in order to provide the reader with a clear evidence based understanding of the merits of various approaches in offering a balanced mix of descriptions of clinical applications clinical data scientific research and logical criticism the book will serve as an excellent reference for a wide audience 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the proceedings of the american veterinary medical association this fourth volume is a revision of the seventh edition of willis with substantial amendments and additions

## **Field Emission Electronics 2017-06-01**

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## **Southern Baptist Theological Seminary 1890**

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## **An Illustrated Guide to Congenital Heart Disease 2019-07-10**

this title allows users to effectively diagnose and treat any acute disease of the stomach intestines peritoneum liver and abdominal wall its authorship includes over 20 internationally recognized experts that provide critical information needed by practitioners for management of abdominal diseases this informative resource provides a thorough discussion of normal and abnormal anatomy and physiology surgical techniques are broken down into an easy to read step by step format this highly visual presentation with over 410 illustrations is a necessary edition to an equine practitioner s library published by teton new media in the usa and distributed by manson publishing outside of north america

## **Equine Acute Abdomen 2009-10-31**

this book contains a collection of papers dealing with various aspects of the biology and aquaculture of the large branchiopod crustacea the anostraca conchostraca and notostraca included are many of the papers presented at the second international large branchiopod symposium convened in ulm germany 30 july 3 august 1993 additional manuscripts contributed by colleagues who were unable to attend are also included a special feature of this volume is a checklist of the anostraca including information on distribution location of type material taxonomic problems and literature references

## **Studies on Large Branchiopod Biology and Aquaculture II 2012-12-06**

dinoflagellates are common unicellular organisms found in all types of aquatic ecosystems and are important contributors to freshwater ecosystems as significant primary producers of biomass despite increasing interest in the biology of living and fossil dinoflagellates there has been no compilation of dinoflagellate species found in north america since 1934 and no keys to species in freshwater dinoflagellates of north america susan carty provides a much needed taxonomic guide covering canada the united states mexico all of central america the caribbean and greenland features of the book include identification of dinoflagellate species distribution maps of species ecological and morphological keys to genera key to species within genus lists of references by location glossary and an extensive illustration program following an introductory section on the biology morphology and ecology of freshwater dinoflagellates the species are presented in a field guide format with distribution maps written descriptions emphasizing notable features line drawings and black and white and color micrographs

## ***Freshwater Dinoflagellates of North America 2014-08-02***

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## **Flora of tropical East Africa - Rubiaceae Volume 3 (1991) 1991-06-01**

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## **Proceedings of The Academy of Natural Sciences (Vol. 148, 31 October 1997) 2013-11-11**

in the evaluation of patients who have or are suspected indebted to these contributors this word of thanks falls to have cardiac disease the use of ultrasound is now an short of my true appreciation for their efforts established and widely accepted approach since its although an attempt was made to minimize redun modest beginning three decades ago the technique of dancy in two areas i thought that overlap was indicated echocardiography developed rapidly this success can the sections diseases of the myocardium and coro be credited to the cooperation between the worlds of nary heart disease take up one of the most important medicine and industry recognizing the potential clini aspects of cardiac ultrasound at present and to be ex cal utility of this technique equipment companies de pected in the near and distant future and the emphasis veloped better and better instrumentation and with provided by its duplication of material in these sections competition came a leveling of the costs of this instru was considered not only acceptable but indeed helpful mentation we hope that the future will bring not only the section congenital heart disease also has one area of duplication reflecting the editor s particular in continued improvement in technology but also a contin ued decrease in cost terest in double outlet of the right ventricle

## **Structure and Function of Roots 2022-03-04**

being the only place in the northern north atlantic yielding late cainozoic terrestrial sediments rich in plant fossils iceland provides a unique archive for vegetation and climate development in this region this book includes the complete plant fossil record from iceland spanning the past 15 million years eleven sedimentary rock formations containing over 320 plant taxa are described for each flora palaeoecology and floristic affinities within the northern hemisphere are established the exceptional fossil record allows a deeper understanding of the role of the north atlantic land bridge for intercontinental plant migration and of the gulf stream north atlantic current system for regional climatic evolution iceland sits as a fossil trap on one of the most interesting biogeographic exchange routes on the planet the north atlantic the fossil floras of iceland document both local vegetational response to global climate change and more importantly help to document the nature of biotic migration across the north atlantic in the last 15 million years in this state of the art volume the authors place sequential floras in their paleogeographic paleoclimatic and geologic context and extract a detailed history of biotic response to the dynamics of physical change bruce h tiffney university of california santa barbara this beautifully illustrated monograph of the macro and microfloras from the late cenozoic of iceland is a worthy successor to oswald heer s flora fossilis arctica its broad scope makes it a must for all scientists interested in climatic change and palaeobiogeography in the north atlantic region it will remain a classic for years to come david k ferguson university of vienna

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materials and their innovative applications the book will be useful for materials scientists physicists chemists biologists and electrical engineers engaged in fundamental and applied research or technical investigations of such materials

## ***Two-Dimensional Real-Time Ultrasonic Imaging of the Heart 1987***

since the last joint iau and cospar colloquium in gainesville in 1995 there have been dramatic changes in the field resulting from in situ space experiments earth orbiting satellites and ground based observations the brightest comet since the early years of the twentieth century comet hale bopp appeared giving an invaluable opportunity to see in action one great source of interplanetary dust similarly the leonid meteor shower has been at its most active since 1966 producing spectacular displays of meteors and allowing for an array of observational techniques not available in 1966 to be used while theory has also been refined to a level where very accurate predictions of the timing of meteor storms has become possible prior to the meeting a total eclipse of the sun in south west england and north europe was observed traditionally a good opportunity to observe the zodiacal cloud the knowledge of the near earth asteroid population has also increased dramatically with the increased study arising from the heightened awareness of the danger to earth from such bodies extrasolar planets have been discovered since the last meeting and it is recognised that interplanetary dust in other planetary systems can now be studied since much of the dust observed in such systems is at a distance of order 100 au from the star this brings into focus the production of dust in the edgeworth kuiper belt of our own system recent years have seen a recognition of the importance of dust originating outside our own system that is now present in the near earth environment as is always the case when great strides take place observationally much theoretical work follows and the same is true in this instance while data about the planetary medium from venus to jupiter was beginning to be available at the meeting in 1995 the data from both galileo and ulysses have now been more fully analysed with a corresponding increase in our knowledge this book reflects the thematic approach adopted at the meeting with a flow outwards from meteors in the atmosphere through zodiacal dust observation and interplanetary dust to extra solar planetary systems and returning via the edgeworth kuiper belt and comets to the earth with laboratory studies of physical and chemical processes and the study of extra terrestrial samples

## ***IPAT 87 2011-03-28***

discusses the nature origins and development of language and lists the meanings and associated word for more than thirteen thousand indo european root words

## ***Late Cainozoic Floras of Iceland 2016-12-15***

publishes papers reporting on research and development in optical science and engineering and the practical applications of known optical science engineering and technology



## **Dielectric Materials and Applications 1996**

the volumes viii ix and x examine the physical and technical foundation for recent progress in applied scanning probe techniques this is the first book to summarize the state of the art of this technique the field is progressing so fast that there is a need for a set of volumes every 12 to 18 months to capture latest developments these volumes constitute a timely comprehensive overview of spm applications

## **The University of Kansas Science Bulletin 1986-05**

the sixth international symposium on diamond materials was held at the 196th meeting of the electrochemical society in honolulu hawaii from october 17 to october 22 1999 pref

## **Initial Reports of the Deep Sea Drilling Project 2002-12-10**

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## ***Dust in the Solar System and Other Planetary Systems 2000***

volumes for 1956 include selected papers from the proceedings of the american veterinary medical association

## ***The American Heritage Dictionary of Indo-European Roots 2002***

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**Optical Engineering 2007-12-20**

**Applied Scanning Probe Methods VIII 1920**

**The North American Species of Pennisetum 2000**

**Diamond Materials VI 1992**

**Proceedings of The Academy of Natural Sciences (Vol. 141, 1989) 2016-03-15**

**The Bulletin of Tokyo Dental College 2021-07-27**

**Lasers in Endodontics 1993**

**Temporal Patterns and Mechanisms of Biodiversity Across Scales in East Asia 1981**

***American Journal of Veterinary Research 1990***

**Australian Journal of Botany 1834**

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**A General System of Gardening and Botany ... Founded Upon Miller's Gardener's Dictionary 1996**

***A General History of the Dichleamydeous Plants 1931***

**Canadian Journal of Botany 1985**

**New Plants from Guatemala and Honduras 1964**

**South African Journal of Plant and Soil 1834**

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