Variable Resonant Frequency Crystal Systems Scitation | a89d4c61835895e537ba676f4d5b2085

Publications of the National Bureau of Standards, 1970Air Force ManualUltrasound as a Diagnostic & Surgical ToolElectronic TechnologyEinführung in die UltraschalltechnikOfficial Gazette of the United States Patent OfficeTechnical Data DigestReport of the Board of TrusteesScience AbstractsElectronic IndustriesMicrowave circuit applicationsOfficial Gazette of the United States Patent and Trademark OfficeApplied Mechanics ReviewsElectronicsPublications of the National Bureau of Standards CatalogElectronic Circuit AnalysisSoviet PhysicsProceedings of the National Communications ForumTechnisches ZentralblattPhysikalische BerichteVan Nostrand's Scientific EncyclopediaTechnisches Zentralblatt. Abteilung ElektrotechnikThe Electronic Engineering Master IndexThe Foundations of AcousticsProceedings of the National Electronics ConferenceTechnical Data DigestBattelle Technical ReviewTransactions of the Board of TrusteesPhotonics, Volume 3Funk und TonNuclear Magnetic ResonanceProceedings of the Nineteenth Annual Frequency Control SymposiumElectronic Circuits, Systems and StandardsBibliography on Medical ElectronicsElectron Magnetic Resonance Of Disordered Systems (Emardis-91) - Proceedings Of The International WorkshopNuclear Science AbstractsDigest of Literature on DielectricsThe Wireless EngineerThe Journal of the Acoustical Society of AmericaCommunications Technology Handbook

Publications of the National Bureau of Standards, 1970

Air Force Manual

Ultrasound as a Diagnostic & Surgical Tool

Electronic Technology

*This is the first point of reference for the communications industries. It offers an introduction to a wide range of topics and concepts encountered in the field of communications technology. Whether you are looking for a simple explanation, or need to go into a subject in more depth, the Communications Technology Handbook provides all the information you need in one single volume. This second edition has been updated to include the latest technology including: Video on Demand Wire-less Distribution systems High speed data transmission over telephone lines Smart cards and batteries Global positioning Systems The contents are ordered initially by communications systems. This is followed by an introduction to each topic and goes on to provide more detailed information in alphabetical order. Every section contains an explanation of common terminology, and further references are provided. This approach offers flexible access to information for a variety of readers. Those who know little about communications professionals, the book constitutes a handy reference source and a way of finding out about related technologies. The book addresses an international audience by referring to all systems and standards throughout. This book has been revised to include new sections on: * Video on demand * Wire-less distribution systems * High speed data transmission over telephone lines * Smart cards * Global positioning systems * provides a basic understanding of a wide range of topics * offers a flexible approach for beginners and specialists alike * addresses an international audience by referring to all systems and standards throughout*

Einführung in die Ultraschalltechnik

Official Gazette of the United States Patent Office

Research and scientific progress are based upqn intuition coordinated with a wide theoretical knowledge, experimental skill, and a realistic sense of the limitations of technology. Only a deep insight into physical phenomena will supply the necessary skills to handle the problems that arise in acoustics. The acoustician today needs to be well acquainted with mathematics, dynamics, hydrodynamics, and physics; he also needs a good knowledge of statistics, signal processing, electrical theory, and of many other specialized subjects. Acquiring this background is a laborious task and would require the study of many different books. It is the goal of this volume to present this background in as thorough and readable a manner as possible so that the reader may turn to specialized publications or chapters of other books for further information without having to start at the preliminaries. In trying to accomplish this goal, mathematics serves only as a tool; the better our understanding of a physical phenomenon, the less mathematics is needed and the shorter and more concise are our computa tions. A word about the choice of subjects for this volume will be helpful to the reader. Even scientists of high standing are frequently not acquainted with the fundamentals needed in the field of acoustics. Chapters I to IX are devoted to these fundamentals. After studying Chapter I, which dis cusses the units and their relationships, the reader should have no difficulty converting from one system of units to any other.

Technical Data Digest

Electronic Circuits, Systems and Standards: The Best of EDN is a collection of 66 EDN articles. The topics covered in this collection are diverse but all are relevant to controlled circulation electronics. The coverage of the text includes topics about software and algorithms, such as simple random number algorithm; simple log algorithm; and efficient algorithm for repeated FFTs. The book also tackles measurement related topics, including test for identifying a Gaussian noise source; enhancing product reliability; and amplitude-locked loop speeds filter test. The text will be useful to students and practitioners of electronics related discipline, such as electronics engineering, computer engineering, and computer science. Computer and electronics hobbyists and enthusiasts will also benefit from the book.

Report of the Board of Trustees

"The Handbook of Photonics third volume addresses photonics technology and application. It discusses communication networks, data buffers, defense and security applications, detectors, fiber optics and amplifiers, green photonics, instrumentation and metrology, interferometers, light-harvesting materials, logic devices, optical communications, remote sensing, solar energy, solid-state lighting, and wavelength conversion"--

Science Abstracts

Electronic Industries

Microwave circuit applications

Official Gazette of the United States Patent and Trademark Office

Applied Mechanics Reviews

Electronics

Publications of the National Bureau of Standards Catalog

Advancements in science and engineering have occurred at a surprisingly rapid pace since the release of the seventh edition of this encyclopedia. Large portions of the reference have required comprehensive rewriting and new illustrations. Scores of new topics have been included to create this thoroughly updated eighth edition. The appearance of this new edition in 1994 marks the continuation of a tradition commenced well over a half-century ago in 1938 Van Nostrand's Scientific Encyclopedia, First Edition, was published and welcomed by educators worldwide at a time when what we know today as modern science was just getting underway. The early encyclopedia was well received by students and educators alike during a critical time span when science became established as a major factor in shaping the progress and economy of individual nations and at the global level. A vital need existed for a permanent science reference that could be updated periodically and made conveniently available to audiences that numbered in the millions. The pioneering VNSE met these criteria and continues today as a reliable technical information source for making private and public decisions that present a backdrop of technical alternatives.

Electronic Circuit Analysis

Soviet Physics

As a spectroscopic method, Nuclear Magnetic Resonance (NMR) has seen spectacular growth over the past two decades, both as a technique and in its applications. Today the applications of NMR span a wide range of scientific disciplines, from physics to biology to medicine. Each volume of Nuclear Magnetic Resonance comprises a combination of annual and biennial reports which together provide comprehensive of the literature on this topic. This Specialist Periodical Report reflects the growing volume of published work involving NMR techniques and applications, in particular NMR of natural

macromolecules which is covered in two reports: "NMR of Proteins and Acids" and "NMR of Carbohydrates, Lipids and Membranes". For those wanting to become rapidly acquainted with specific areas of NMR, this title provides unrivalled scope of coverage. Seasoned practitioners of NMR will find this an in valuable source of current methods and applications. Specialist Periodical Reports provide systematic and detailed review coverage in major areas of chemical research. Compiled by teams of leading authorities in the relevant subject areas, the series creates a unique service for the active research chemist, with regular, in-depth accounts of progress in particular fields of chemistry. Subject coverage within different volumes of a given title is similar and publication is on an annual or biennial basis.

Proceedings of the National Communications Forum

Technisches Zentralblatt

Physikalische Berichte

Van Nostrand's Scientific Encyclopedia

Technisches Zentralblatt. Abteilung Elektrotechnik

The Electronic Engineering Master Index

The Foundations of Acoustics

Proceedings of the National Electronics Conference

Technical Data Digest

June issues, 1941-44 and Nov. issue, 1945, include a buyers' guide section.

Battelle Technical Review

Transactions of the Board of Trustees

Currently, thermoluminescence (TL) and optically stimulated luminescence (OSL) are the main techniques for studying the luminescence properties of several materials, mainly insulators called phosphors. Frequently, however, students and experts alike need to clarify some concepts related to the effects and defects present in the radiation interaction with solids generated by these phenomena. In this book, a series of questions and corresponding answers give a clearer explanation about the concepts, theory and models related to TL and OSL, including applications in important related areas.Students, researchers and teachers will find this book a good guide for understanding TL and OSL as methods for studying the nature of luminescent solids. It provides a quick way for clearing doubts in the concepts and terminology concerning OSL and TL, as it is intended to answer many questions which can be encountered in practical applications.

Photonics, Volume 3

Funk und Ton

Nuclear Magnetic Resonance

Proceedings of the Nineteenth Annual Frequency Control Symposium

Electronic Circuits, Systems and Standards

Bibliography on Medical Electronics

Electron Magnetic Resonance Of Disordered Systems (Emardis-91) - Proceedings Of The International Workshop

Nuclear Science Abstracts

Digest of Literature on Dielectrics

The Wireless Engineer

NSA is a comprehensive collection of international nuclear science and technology literature for the period 1948 through 1976, pre-dating the prestigious INIS database, which began in 1970. NSA existed as a printed product (Volumes 1-33) initially, created by DOE's predecessor, the U.S. Atomic Energy Commission (AEC). NSA includes citations to scientific and technical reports from the AEC, the U.S. Energy Research and Development Administration and its contractors, plus other agencies and international organizations, universities, and industrial and research organizations. References to books, conference proceedings, papers, patents, dissertations, engineering drawings, and journal articles from worldwide sources are also included. Abstracts and full text are provided if available.

The Journal of the Acoustical Society of America

Communications Technology Handbook