

Dictionary Of Scientific And Technical Terminology English

Over 125,000 entries cover 124 scientific and technological fields, including acoustical engineering, cartography graphic arts, microbiology, organic chemistry, radiology, and zoology. The Computer Science and Communications Dictionary is the most comprehensive dictionary available covering both computer science and communications technology. A one-of-a-kind reference, this dictionary is unmatched in the breadth and scope of its coverage and is the primary reference for students and professionals in computer science and communications. The Dictionary features over 20,000 entries and is noted for its clear, precise, and accurate definitions. Users will be able to: Find up-to-the-minute coverage of the technology trends in computer science, communications, networking, supporting protocols, and the Internet; find the newest terminology, acronyms, and abbreviations available; and prepare precise, accurate, and clear technical documents and literature.

Clear, precise definitions of scientific terms are crucial to good scientific and technical writing—and to understanding the writings of others. Whether you are a physicist, engineer, mathematician, or technical writer, whether you work in a research, academic, or industrial setting, we all have the occasional need for comprehensible, working definitions of scientific terms. To meet that need, CRC Press proudly announces publication of the Dictionary of Pure and Applied Physics—the first published volume of CRC's Comprehensive Dictionary of Physics. Authored by eminent scientists from around the world, offers concise, authoritative definitions of more than 3,000 terms covering a range of pure and applied disciplines: acoustics biophysics communications electricity electronics geometrical optics low-temperature physics magnetism medical physics physical optics. The editor has taken care to ensure each entry is as self-contained as possible, to include terms from the frontiers of technology, and to omit obsolete terms that can clutter a search. The result is a lucid, accessible, and convenient reference valuable to both the novice and the seasoned professional.

More than 110,000 definitions! For more than three decades, this internationally-known reference has been the easiest, fastest, and most reliable way for anyone to gain fluency in the language of science and technology. Containing more than 110,000 entries that span 100 fields ranging from acoustics to zoology, the McGraw-Hill Dictionary of Scientific and Technical Terms features definitions written in language understandable to students and the general public, yet advanced enough for professionals.

“When comparing this dictionary, there is very little competition at all... a very useful resource in the industrial, profession-al and supporting research areas, as well as for non-food scientists who have supervisory and management responsibility in a food area.” –Food & Beverage Reporter, Nov/Dec 2009 “I would thoroughly recommend this book to food scientists and technologists throughout the universities, research establishments and food and pharmaceutical companies. Librarians in all such establishments should ensure that they have copies on their shelves.” –International Journal of Dairy Technology, November 2009 “A must-own.” –Food Industry News, August 2009 IFIS has been producing quality comprehensive information for the world’s food science, food technology and nutrition community since its foundation in 1968 and, through its production of FSTA – Food Science and Technology Abstracts, has earned a worldwide reputation for excellence. Distilled from the extensive data held and maintained by IFIS, the dictionary is easy to use and has been rigorously edited and cross-referenced. Now in an extensively revised and updated second edition, this landmark publication features: 8,612 entries including 763 new entries and over 1,500 revised entries. Reflects current usage in the scientific literature. Includes local names, synonyms and Latin names, as appropriate. Extensive cross-referencing. Scientific editing from the team at IFIS.

Unrivalled coverage of modern scientific terms

This volume provides concise, authoritative accounts of the approaches and methodologies of modern lexicography and of the aims and qualities of its end products. Leading scholars and professional lexicographers, from all over the world and representing all the main traditions and perspectives, assess the state of the art in every aspect of research and practice. The book is divided into four parts, reflecting the main types of lexicography. Part I looks at synchronic dictionaries - those for the general public, monolingual dictionaries for second-language learners, and bilingual dictionaries. Part II and III are devoted to the distinctive methodologies and concerns of historical dictionaries and specialist dictionaries respectively, while chapters in Part IV examine specific topics such as description and prescription; the representation of pronunciation; and the practicalities of dictionary production. The book ends with a chronology of major events in the history of lexicography. It will be a valuable resource for students, scholars, and practitioners in the field.

"The 2nd edition of the Dictionary of Information Science and Technology is an updated compilation of the latest terms and definitions, along with reference citations, as they pertain to all aspects of the information and technology field"--Provided by publisher.

A complete lexicon of technical information, the Dictionary of Computer Science, Engineering, and Technology provides workable definitions, practical information, and enhances general computer science and engineering literacy. It spans various disciplines and industry sectors such as: telecommunications, information theory, and software and hardware systems. If you work with, or write about computers, this dictionary is the single most important resource you can put on your shelf. The dictionary addresses all aspects of computing and computer technology from multiple perspectives, including the academic, applied, and professional vantage points. Including more than 8,000 terms, it covers all major topics from artificial intelligence to programming languages, from software engineering to operating systems, and from database management to privacy issues. The definitions provided are detailed rather than concise. Written by an international team of over 80 contributors, this is the most comprehensive and easy-to-read reference of its kind. If you need to know the definition of anything related to computers you will find it in the Dictionary of Computer Science, Engineering, and Technology.

Brief definitions "intended to be as clear as possible to the non-expert, but accuracy has not been compromised for the sake of readability. Mathematics has been used where necessary to avoid ambiguity."--Intro. Published 1965.

This superb and highly-acclaimed dictionary includes over 4000 in-depth entries on scientific and technical terminology associated with environmental protection and resource management. In addition, it contains numerous illustrations, a wide range of international case studies and extensive cross-references to guide the reader. The new edition will be a major update with 30% new material, additional illustrations and a greatly expanded list of relevant web resources.

This Dictionary covers information and communication technology (ICT), including hardware and software; information networks, including the Internet and the World Wide Web; automatic control; and ICT-related computer-aided fields. The Dictionary also lists abbreviated names of relevant organizations, conferences, symposia and workshops. This reference is important for all practitioners and users in the areas mentioned above, and those who consult or write technical material. This Second Edition contains 10,000 new entries, for a total of 33,000.

Scientific and technical contacts between nations· have necessitated the publication of various language textbooks, manuals and reference books. Particularly important among them are multilingual scientific and technical dictionaries. This English-German-

French-Dutch-Russian Dictionary of Scientific and Technical Terms contains some 9000 entries. The main feature of the Dictionary is that it includes first and foremost general scientific terms needed by an engineer working in any branch of science and technology. Besides, the Dictionary includes the basic terms used in physics, mathematics, the fundamentals of electrical engineering and chemistry, and also the most essential terms pertaining to manufacturing processes, machine design, testing methods, etc. The Compilers were confronted with a difficult task, as nowadays science and technology are developing rapidly and the minimum scientific and technical vocabulary required by a specialist is increasing accordingly. The Compilers have taken special pains to include the entire basic modern technical vocabulary, omitting superfluous words and phrases. They have tried to solve this problem by selecting mainly those scientific and technical terms which constitute the basic of a specialised vocabulary. Therefore, the Dictionary includes the vocabulary pertaining to general study courses in mathematics, physics and chemistry, and also in electrical engineering, electronics and machine design, given in technical colleges irrespective of their specification. This lends the Dictionary an «all-purpose» character, making it equally useful to scientists and engineers of different countries, who have graduated from colleges with different curricula.

Dictionary of Scientific and Technical Terminology English German French Dutch Russian Springer Science & Business Media

Defines key terms in such areas as anthropology, sociology, political science, economics, human geography, cultural studies, and Marxism, and covers concepts, theories, schools of thought, methodologies, issues, and controversies.

Clear, rigorous definitions of mathematical terms are crucial to good scientific and technical writing—and to understanding the writings of others. Scientists, engineers, mathematicians, economists, technical writers, computer programmers, along with teachers, professors, and students, all have the occasional—if not frequent—need for comprehensible, working definitions of mathematical expressions. To meet that need, CRC Press proudly introduces its Dictionary of Analysis, Calculus, and Differential Equations - the first published volume in the CRC Comprehensive Dictionary of Mathematics. More than three years in development, top academics and professionals from prestigious institutions around the world bring you more than 2,500 detailed definitions, written in a clear, readable style and complete with alternative meanings, and related references.

Derived from the content of the respected McGraw-Hill Dictionary of Scientific and Technical Terms, 6th Edition, each title provides thousands of definitions of words and phrases encountered in a specific discipline. All include: * A pronunciation guide for every term * Acronyms, cross-references, and abbreviations * Appendices with conversion tables; listings of scientific, technical, and mathematical notation; tables of relevant data; and more * A convenient, quick-find format

Authoritative, comprehensive, and up-to-date--an indispensable resource for translators of Russian scientific and technical materials The spirit of cooperation that now exists between the Russian scientific community and its English-speaking colleagues has opened a floodgate of Russian language technical and scientific documents. To meet the demand for an authoritative and up-to-date reference, the classic Callahan's Russian-English Dictionary of Science and Technology has now been published in a new edition that encompasses the latest additions to the technical vocabulary. The product of decades of painstaking research by distinguished Russian language translators, this essential reference book upholds the high standard of thoroughness and accuracy that scientific and technical translators require. Technical

specialists all over the English-speaking world--translators and interpreters, scientists, and engineers--will welcome the arrival of the Fourth Edition of Callaham's Russian-English Dictionary of Science and Technology. * Over 120,000 Russian terms in the physical, life science, and engineering disciplines, and an additional 5,000 of the most frequently used, nontechnical terms * Entries organized around common roots and arranged in paragraph form for greater efficiency * The most comprehensive translations of Russian verbs found in any technical dictionary, complete with variations in meaning for different contexts * Instructive linguistic information on how Russian prefixes, suffixes, and roots combine to form new words

Previously named A Dictionary of Computing, this bestselling dictionary has been renamed A Dictionary of Computer Science, and fully revised by a team of computer specialists, making it the most up-to-date and authoritative guide to computing available. Containing over 6,500 entries and with expanded coverage of multimedia, computer applications, networking, and personal computer science, it is a comprehensive reference work encompassing all aspects of the subject and is as valuable for home and office users as it is indispensable for students of computer science. Terms are defined in a jargon-free and concise manner with helpful examples where relevant. The dictionary contains approximately 150 new entries including cloud computing, cross-site scripting, iPad, semantic attack, smartphone, and virtual learning environment. Recommended web links for many entries, accessible via the Dictionary of Computer Science companion website, provide valuable further information and the appendices include useful resources such as generic domain names, file extensions, and the Greek alphabet. This dictionary is suitable for anyone who uses computers, and is ideal for students of computer science and the related fields of IT, maths, physics, media communications, electronic engineering, and natural sciences.

Comprehensive dictionary of almost 100,000 terms from 100 scientific and technological disciplines. Entries indicate disciplines pertinent to terms. Concise definitions. Marginal illustrations. Miscellaneous appendixes, including international graphic symbols. Pronunciation, syllabication, and origin of words not indicated.

Diccionario Bilingüe de Metáforas y Metonimias Científico-Técnicas presents the extensive range of metaphoric and metonymic terms and expressions that are commonly used within the fields of science, engineering, architecture and sports science. Compiled by a team of linguists working across a range of technical schools within the Universidad Politécnica de Madrid, this practical dictionary fills a gap in the field of technical language and will be an indispensable reference for students within the fields of science, engineering or sports science seeking to work internationally and for translators and interpreters working in these specialist fields.

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