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Beginning with 1937, the April issue of each vol. is the Fleet reference annual.

Mastering Machine Code On Your Commodore 64 Springer Nature

First published in 1984, this highly-rated guide written by 8-bit expert Mark Greenshields helped Commodore 64 users take their skills further than ever before. It was designed to take 'bedroom coders' from a point where they were comfortable with the commands - and limitations - of BASIC, to having knowledge and experience of the home computer's far more powerful machine code. In addition to explaining the concepts of this more advanced language, the reader is provided with a number of example programs that not only help with learning, but are also of great practical use for both games and utilities. This book helped many a Commodore user with their first steps into the world of machine code and to this day remains an important reference for those interested in the world of retro games and programming. * * * As the original publisher Interface Publications wrote: Now, you can master machine code on the Commodore 64 quickly and easily. Say goodbye to jerky, slow-moving graphics in BASIC, and learn the secrets of professional, incredibly swift graphic production in machine code. You're holding the first complete tutorial on using assembly language on the Commodore 64. The book assumes that although you can program in BASIC, you know little or nothing of 6502/6510 machine code. Step by simple step the book progresses through the subject, until the whole instruction set of the 6510 has been covered. A large number of example programs - which are explained in

detail - help make the learning simple. In perspective. Key Features of Volume IV: section two of the book, you'll learn about practical applications of machine code use on the Commodore 64. High resolution graphics, scrolling, raster graphics, using interrupts and adding commands to BASIC - they're all here in a form you can readily understand and apply. This section of the book contains programs which put 24 sprites on the screen at once, programs to combine both text and high-resolution images on the same screen, function key programming and one key entry of commands. Written by Mark Greenshields, highly successful author of Mastering the Commodore 64, this book is your gateway into the exciting world of machine code programming on the Commodore 64. * * * Acorn Books is proud to present its Retro Reproduction Series, a collection of classic computing works from the 1980s and 90s, lovingly reproduced in the 21st century. From standards of programming reference no self-respecting microcomputer user would want to be without, to obscure works not found in print anywhere else, these modern reprints are perfect for any connoisseur of retro computing. Density Functional Theory Gulf Professional Publishing
Written by leading global experts, including pioneers in the field, the four-volume set on Hyperspectral Remote Sensing of Vegetation, Second Edition, reviews existing state-of-the-art knowledge, highlights advances made in different areas, and provides guidance for the appropriate use of hyperspectral data in the study and management of agricultural crops and natural vegetation. Volume IV, Advanced Applications in Remote Sensing of Agricultural Crops and Natural Vegetation discusses the use of hyperspectral or imaging spectroscopy data in numerous specific and advanced applications, such as forest management, precision farming, managing invasive species, and local to global land cover change detection. It emphasizes the importance of hyperspectral remote sensing tools for studying vegetation processes and functions as well as the appropriate use of hyperspectral data for vegetation management practices. The concluding chapter provides readers with useful guidance on the highlights and essence of Volume IV through the editors '

Guides readers to harness the capabilities of the most recent advances in applying hyperspectral remote sensing technology to the study of terrestrial vegetation. Includes specific applications on agriculture, crop management practices, study of crop stress and diseases, crop characteristics based on inputs (e.g., nitrogen, irrigation), study of vegetation impacted by heavy metals, gross and net primary productivity studies, light use efficiency studies, crop water use and actual evapotranspiration studies, phenology monitoring, land use and land cover studies, global change studies, plant species detection, wetland and forest characterization and mapping, crop productivity and crop water productivity mapping, and modeling. Encompasses hyperspectral or imaging spectroscopy data in narrow wavebands used across visible, red-edge, near-infrared, far-infrared, shortwave infrared, and thermal portions of the spectrum. Explains the implementation of hyperspectral remote sensing data processing mechanisms in a standard, fast, and efficient manner for their applications. Discusses cloud computing to overcome hyperspectral remote sensing massive big data challenges. Provides hyperspectral analysis of rocky surfaces on the earth and other planetary systems.

Newnes Amateur Radio

Computing Handbook IGME

The three volume set LNCS 7583, 7584 and 7585 comprises the Workshops and Demonstrations which took place in connection with the European Conference on Computer Vision, ECCV 2012, held in Firenze, Italy, in October 2012. The total of 179 workshop papers and 23 demonstration papers was carefully reviewed and selected for inclusion in the proceedings. They were held at workshops with the following themes: non-rigid shape analysis and deformable image alignment; visual analysis and geo-localization of large-scale imagery; Web-scale vision and social media; video event categorization, tagging and retrieval; re-identification;

biological and computer vision interfaces; where computer vision meets art; consumer depth cameras for computer vision; unsolved problems in optical flow and stereo estimation; what's in a face?; color and photometry in computer vision; computer vision in vehicle technology: from earth to mars; parts and attributes; analysis and retrieval of tracked events and motion in imagery streams; action recognition and pose estimation in still images; higher-order models and global constraints in computer vision; information fusion in computer vision for concept recognition; 2.5D sensing technologies in motion: the quest for 3D; benchmarking facial image analysis technologies.

Electronics John Wiley & Sons

Patai Series: The Chemistry of Functional Groups A series of advanced treatises founded by Professor Saul Patai and under the general editorship of Professor Zvi Rappoport The Patai Series publishes comprehensive reviews on all aspects of specific functional groups. Each volume contains outstanding surveys on theoretical and computational aspects, NMR, MS, other spectroscopical methods and analytical chemistry, structural aspects, thermochemistry, photochemistry, synthetic approaches and strategies, synthetic uses and applications in chemical and pharmaceutical industries, biological, biochemical and environmental aspects. To date, over 100 volumes have been published in the series.

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Forthcoming Titles * The chemistry of Peroxides (Volume 2, 2 parts) * The chemistry of Organozinc Compounds * The chemistry of Anilines The Patai Series Online The Patai Series

is available in electronic format on Wiley InterScience. All new titles will be published online and a growing list of older titles is added every year. It is the ultimate goal that all titles published in the Patai Series will be available in electronic format.

Miner í a iberoamericana: Bibliograf í a minera hispano americana, 1492-1892, suplemento Dalcassian Publishing Company
Explore effective trading strategies in real-world markets using NumPy, spaCy, pandas, scikit-learn, and Keras Key Features Implement machine learning algorithms to build, train, and validate algorithmic models Create your own algorithmic design process to apply probabilistic machine learning approaches to trading decisions Develop neural networks for algorithmic trading to perform time series forecasting and smart analytics Book Description The explosive growth of digital data has boosted the demand for expertise in trading strategies that use machine learning (ML). This book enables you to use a broad range of supervised and unsupervised algorithms to extract signals from a wide variety of data sources and create powerful investment strategies. This book shows how to access market, fundamental, and alternative data via API or web scraping and offers a framework to evaluate alternative data. You'll practice the ML workflow from model design, loss metric definition, and parameter tuning to performance evaluation in a time series context. You will understand ML algorithms such as Bayesian and ensemble methods and manifold learning, and will know how to train and tune these models using pandas, statsmodels, sklearn, PyMC3, xgboost, lightgbm, and catboost. This book also teaches you how to extract features from text data using spaCy, classify news and assign sentiment scores, and to use gensim to model topics and learn word embeddings from financial reports. You will also build and evaluate neural networks, including RNNs and CNNs, using Keras and PyTorch to exploit unstructured data for sophisticated strategies. Finally, you will apply transfer learning to satellite images to predict economic activity and use reinforcement learning to build agents that learn to trade in the OpenAI Gym. What you will learn Implement machine learning techniques to solve investment and trading problems Leverage market, fundamental, and alternative data to research alpha factors Design and fine-tune supervised, unsupervised, and reinforcement learning models Optimize portfolio risk and performance using pandas, NumPy, and scikit-learn Integrate machine learning models into a live trading strategy on Quantopian Evaluate strategies using reliable backtesting methodologies for time series Design and evaluate deep neural networks using Keras, PyTorch, and TensorFlow Work with reinforcement learning for trading strategies in the OpenAI Gym Who this book is for Hands-On Machine Learning for Algorithmic Trading is for data analysts, data scientists, and Python developers, as well as investment analysts and portfolio managers working within the finance

and investment industry. If you want to perform efficient algorithmic trading by developing smart investigating strategies using machine learning algorithms, this is the book for you. Some understanding of Python and machine learning techniques is mandatory.

Semiconductor Products and Solid State Technology Springer Science & Business Media

Density Functional Theory (DFT) has firmly established itself as the workhorse for atomic-level simulations of condensed phases, pure or composite materials and quantum chemical systems. This work offers a rigorous and detailed introduction to the foundations of this theory, up to and including such advanced topics as orbital-dependent functionals as well as both time-dependent and relativistic DFT. Given the many ramifications of contemporary DFT, the text concentrates on the self-contained presentation of the basics of the most widely used DFT variants: this implies a thorough discussion of the corresponding existence theorems and effective single particle equations, as well as of key approximations utilized in implementations. The formal results are complemented by selected quantitative results, which primarily aim at illustrating the strengths and weaknesses of particular approaches or functionals. The structure and content of this book allow a tutorial and modular self-study approach: the reader will find that all concepts of many-body theory which are indispensable for the discussion of DFT - such as the single-particle Green's function or response functions - are introduced step by step, along with the actual DFT material. The same applies to basic notions of solid state theory, such as the Fermi surface of inhomogeneous, interacting systems. In fact, even the language of second quantization is introduced systematically in an Appendix for readers without formal training in many-body theory.

EDN. CRC Press

Volume LNCS 13519 is part of the refereed proceedings of the 24th International Conference on Human-Computer Interaction, HCI 2022, which was held virtually during June 26 to July 1, 2022. A total of 5583 individuals from academia, research institutes, industry, and governmental agencies from 88 countries submitted contributions, and 1276 papers and 275 posters were included in the proceedings that were published just before the start of the conference. Additionally, 296 papers and 181 posters are included in the volumes of the proceedings published after the conference, as "Late Breaking Work" (papers and posters). The contributions thoroughly cover the entire field of human-computer interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. HCI International 2022 - Late Breaking Papers. Multimodality in Advanced Interaction Environments Graham & Whiteside Limited The contributions in this volume represent the latest research results in the field of Classification, Clustering, and Data Analysis. Besides the theoretical analysis, papers focus on various application fields as Archaeology, Astronomy, Bio-Sciences, Business, Electronic Data and Web, Finance and Insurance, Library Science and Linguistics, Marketing, Music Science, and Quality Assurance. International Commerce Springer Science &

Business Media

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

Gas and Oil Reliability Engineering
Columbia University Press

This book presents the latest advances in ultrafast science, including both ultrafast optical technology and the study of ultrafast phenomena. It covers picosecond, femtosecond, and attosecond processes relevant to applications in physics, chemistry, biology, and engineering. Ultrafast technology has a profound impact in a wide range of applications, amongst them biomedical imaging, chemical dynamics, frequency standards, material processing, and ultrahigh-speed communications. This book summarizes the results presented at the 19th International Conference on Ultrafast Phenomena and provides an up-to-date view of this important and rapidly advancing field.

The Electronic Engineer Andrews UK Limited

The phenomenal bestseller! Newly revised and updated! Thousands of new listings! **THE INDISPENSABLE ONE-VOLUME REFERENCE FROM CORINNE T. NETZER, AMERICA ' S #1 AUTHORITY ON THE NUTRITIONAL CONTENT OF FOOD** Are you counting your calories, carbs, or fat grams? Watching your cholesterol? Boosting protein or fiber? Whatever your nutritional needs, this completely revised and updated ninth edition of *The Complete Book of Food Counts* is the most authoritative, up-to-date reference you can buy. Featuring thousands more listings (and more choices) than ever before, this vital reference provides all the essential counts you need to know for generic and brand-name foods—as well as the latest gourmet and health foods and a variety of ethnic cuisines. Whether it ' s fresh or frozen, fast-food or slow-cooked, *The Complete Book of Food Counts* is an A to Z guide to the choices in your supermarket aisles, at your local farmer ' s market, or served in your favorite restaurants!

- Calorie counts
- Carbohydrate grams
- Cholesterol milligrams
- Sodium milligrams
- Protein grams
- Fat grams
- Fiber grams PLUS
- A conversion table for weight and capacity measures
- Alphabetized listing for easy reference
- And much, much more

THE COMPLETE BOOK OF FOOD COUNTS

Yugoslavia, Your Business Partner Packt Publishing Ltd

This three-volume set LNAI 6911, LNAI 6912, and LNAI 6913 constitutes the refereed proceedings of the European conference on Machine Learning and Knowledge Discovery in Databases: ECML PKDD 2011, held in Athens,

Greece, in September 2011. The 121 revised full papers presented together with 10 invited talks and 11 demos in the three volumes, were carefully reviewed and selected from about 600 paper submissions. The papers address all areas related to machine learning and knowledge discovery in databases as well as other innovative application domains such as supervised and unsupervised learning with some innovative contributions in fundamental issues; dimensionality reduction, distance and similarity learning, model learning and matrix/tensor analysis; graph mining, graphical models, hidden markov models, kernel methods, active and ensemble learning, semi-supervised and transductive learning, mining sparse representations, model learning, inductive logic programming, and statistical learning. a significant part of the papers covers novel and timely applications of data mining and machine learning in industrial domains.

Proceedings Dell

Newnes Amateur Radio Computing Handbook discusses the applications of computers in amateur radio and short wave listening. The book is comprised of 16 chapters that deal with the various concerns in amateur radio computing. The coverage of the text includes equipment, such as packet slow scan television (SSTV) and facsimile (FAX), packet radio, and commercial decoding equipment. The book also discusses the software used in amateur radio, such as satellite and geographical software, logkeeping and QSL software, and software for electronic design. The text will be of great use to individuals who want to utilize their computer in short wave radio listening.

Applications of Molecular Spectroscopy to Current Research in the Chemical and Biological Sciences BoD – Books on Demand

Gas and Oil Reliability Engineering: Modeling and Analysis, Second Edition, provides the latest tactics and processes that can be used in oil and gas markets to improve reliability knowledge and reduce costs to stay competitive, especially while oil prices are low. Updated with relevant analysis and case studies covering equipment for both onshore and offshore operations, this reference provides the engineer and manager with more information on lifetime data analysis (LDA), safety integrity levels (SILs), and asset management. New chapters on safety, more coverage on the latest software, and techniques such as ReBi (Reliability-Based Inspection), ReGBI (Reliability Growth-Based Inspection), RCM (Reliability Centered Maintenance), and LDA (Lifetime Data Analysis), and asset integrity management, make the book a critical resource that will arm engineers and managers with the basic reliability principles and standard concepts that are necessary to explain their use for reliability assurance for the oil and gas industry. Provides the latest tactics and processes that can be used in oil

and gas markets to improve reliability knowledge and reduce costs Presents practical knowledge with over 20 new internationally-based case studies covering BOPs, offshore platforms, pipelines, valves, and subsea equipment from various locations, such as Australia, the Middle East, and Asia Contains expanded explanations of reliability skills with a new chapter on asset integrity management, relevant software, and techniques training, such as THERP, ASEP, RBI, FMEA, and RAMS

EEE. Springer

The goal of this book is to present an overview of applications of molecular spectroscopy to investigations in organic and inorganic materials, foodstuffs, biosamples and biomedicine, and novel characterization and quantitation methods. This text is a compilation of selected research articles and reviews covering current efforts in various applications of molecular spectroscopy. Sections 1 and 2 deal, respectively, with spectroscopic studies of inorganic and organic materials. Section 3 provides applications of molecular spectroscopy to biosamples and biomedicine. Section 4 explores spectroscopic characterization and quantitation of foods and beverages. Lastly, Section 5 presents research on novel spectroscopic methodologies. Overall, this book should be a great source of scientific information for anyone involved in characterization, quantitation, and method development.

Commercial Car Journal Frontiers Media SA This directory is part of a six-volume set that provides data on over 36,000 European companies. Covering Portugal, Spain, Sweden and Switzerland, it provides information such as: address, phone and fax numbers, e-mail and Web addresses, listings of a company's activities, parents, subsidiaries and agents, brands and trademarks and financial information for 2001 and 2002. Machine Learning and Knowledge Discovery in Databases, Part III Springer

The Complete Book of Food Counts, 9th Edition

Hands-On Machine Learning for Algorithmic Trading