

Logique A C Lectronique Et Circuits Inta C Gra C

Computer Engineering for Babies
 Micro et nanosystèmes autonomes en énergie : des applications aux fonctions et technologies (Traité EGEM, série électronique et micro-électronique)
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 Electronique de puissance
 Applications of Pattern Recognition

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Computer Engineering for Babies Presses de l'Université Laval
 One of the characteristics of the final decade of this century is the treatment of information as a commodity. As the world becomes increasingly dominated by information and its technology, in all its facets, librarians must learn to integrate all the new developments into daily practice. 'It is to the extent to which we shall succeed in developing powerful information networks through efficient information transfer that we shall succeed in contributing to the betterment of health throughout our nations'. It is this challenge which medical librarians from some 34 countries set for themselves in convening the Third European Conference of Medical Libraries in Montpellier, France, in September 1992. All aspects of medical information were addressed - the technical aspects of transfer, ethical and legal issues, costs, benefits, rights and responsibilities, quality assurance, guidance systems, communications technology, education and training both of information professionals and end-users were discussed and debated in depth in Montpellier. This volume presents an accurate account of a conference which has made a significant contribution to the development of medical librarianship in Europe and the wider world.
Micro et nanosystèmes autonomes en énergie : des applications aux fonctions et technologies (Traité EGEM, série électronique et micro-électronique) Elsevier
 L'auteur propose en trois tomes une préparation pratique à la motorisation des systèmes mécaniques. Il vise à faire acquérir l'aptitude à choisir un moteur ou modifier la motorisation d'une chaîne de manutention entraînée par un ou plusieurs moteurs électriques. Dans ce but, le présent premier ouvrage est consacré à l'étude mécanique des charges entraînées. Pour s'adresser à des publics très divers, le livre ne requiert aucun acquis préalable. L'auteur introduit même les notions de base de la mécanique nécessaires en les présentant de façon élémentaire et toujours illustrées avec des exercices simples. Il revient ainsi d'abord sur la translation rectiligne, la rotation, le frottement, l'énergie. Puis il présente les caractéristiques mécaniques d'un moteur et il analyse les réducteurs. Enfin le livre est complété par l'étude chiffrée de quelques exemples réels.
 General Catalogue of Printed Books Editions Eyrolles
 Cette troisième édition de Circuits logiques aborde tous les aspects de l'arithmétique binaire de base aux circuits séquentiels complexes (avec un soupçon de microprogrammation) et est destinée à la clientèle universitaire de premier cycle de génie électrique, de génie informatique, de génie logiciel ou de génie

physique qui a dans son programme scolaire un cours de base sur les circuits de base logiques, c'est-à-dire des circuits combinatoires jusqu'aux circuits séquentiels. Elle peut aussi servir à l'enseignement collégial, sans doute en excluant la partie séquentielle et en y ajoutant des notions d'électronique non couvertes ici. D'un format compact, elle sera aisément couverte en un trimestre. Une foule d'exposés théoriques magistraux et d'expériences pratiques semble être la combinaison pédagogique idéale. Ce livre a été pensé en conséquence. C'est ainsi que chaque partie est très détaillée. L'ajout de problèmes et de démonstrations (par exemple, des simulations) réalisés en classe complètera judicieusement le contenu de ce volume. On favorise d'ailleurs cette approche d'apprentissage par l'exemple dans ce livre où les notions sont très souvent présentées à même les exemples résolus.

L'édition électronique FeniXX

Please note this is a Short Discount publication. Access both contact and company information on all 4950 European manufacturers, distributors and agents for 550 electronics components and sub-assembly product classifications throughout West and East Europe in one comprehensive Volume.
 Applications: • Sourcing of specific product types through local distributors or manufacturers • Location of new regional channels of distribution or identification of new European business partners • Competitor tracking • Sales lead generation
 Entries include: • Key names executives • Full address, telephone and fax details • Size indications including number of employees • Products • Manufacturers represented and agency status
 L'électronique en pratique 2 John Wiley & Sons
 A detailed account of real-time systems, including program structures for real-time, phases development analysis, and formal specification and verification methods of reactive systems. The book brings together the 3 key fields of current and future data-processing: distributed systems and applications, parallel scientific computing, and real-time and manufacturing systems. It covers the basic concepts and theories, methods, techniques and tools currently used in the specification and implementation of applications and contains many examples plus complete case studies.

Information Control Problems in Manufacturing 2006

Springer Science & Business Media

D'abord, on pratique, ensuite on explique ! L'électronique ne se résume pas qu'à des résistances, des condensateurs, des transistors et des diodes. Savez-vous qu'il existe une infinité de projets faisant appel à des comparateurs, des amplis-op
Electronic Design Council of Europe

An introduction to computer engineering for babies. Learn basic logic gates with hands on examples of buttons and an output LED.

Motorisation - Approche mécanique élémentaire illustrée - BTS et IUT IOS Press

The role of artificial intelligence (AI) applications in fields as diverse as medicine, economics, linguistics, logical analysis and industry continues to grow in scope and importance. AI has become integral to the effective functioning of much of the technical infrastructure we all now take for granted as part of our daily lives. This book presents the papers from the 21st biennial European Conference on Artificial Intelligence, ECAI 2014, held in Prague, Czech Republic, in August 2014. The ECAI conference remains Europe's principal opportunity for researchers and practitioners of Artificial Intelligence to gather and to discuss the latest trends and challenges in all subfields of AI, as well as to demonstrate innovative applications and uses of advanced AI technology. Included here are the 158 long papers and 94 short papers selected for presentation at the conference. Many of the papers cover the fields of knowledge representation, reasoning and logic as well as agent-based and multi-agent systems, machine learning, and data mining. The proceedings of PAIS 2014 and the PAIS System Demonstrations are also included in this volume, which will be of interest to all those wishing to keep abreast of the latest developments in the field of AI.

Circuits logiques Presses Univ de Bordeaux

L'électronique de puissance est aujourd'hui une discipline en plein essor, notamment grâce aux nouveaux champs d'applications liés au développement durable et aux énergies renouvelables. Ses bases reposent sur plusieurs décennies d'activités de recherche et développement, que l'auteur expose dans ces pages. Cet ouvrage offre en effet un large exposé sur les structures élémentaires de la conversion statique. Son objectif consiste à proposer une démarche d'analyse et de conception reposant sur une méthode d'étude systématique, et non pas à présenter une simple liste exhaustive des convertisseurs statiques. Fort de cette méthodologie, les montages de base de l'électronique de puissance sont exposés dans le détail, et complétés d'une introduction à la conversion multiniveau. Accompagné d'un CD-Rom d'exercices animés et résolus, cet ouvrage est en premier lieu destiné aux étudiants électriciens ainsi qu'à leurs professeurs. Il constitue en outre une bonne introduction à l'électronique de puissance pour toutingénieur souhaitant s'initier à cette matière.

Information Transfer: New Age — New Ways Springer

"Proceedings, international seminar, Strasbourg, 13-14 June 1996."--T.p.

Au cœur de la bataille électronique EPFL Press

Programming is hard. Building a large program is like constructing a steam locomotive through a hole the size of a postage stamp. An artefact that is the fruit of hundreds of person-years is only

ever seen by anyone through a 100-line window. In some ways it is astonishing that such large systems work at all. But parallel programming is much, much harder. There are so many more things to go wrong. Debugging is a nightmare. A bug that shows up on one run may never happen when you are looking for it - but unfailingly returns as soon as your attention moves elsewhere. A large fraction of the program's code can be made up of marshalling and coordination algorithms. The core application can easily be obscured by a maze of plumbing. Functional programming is a radical, elegant, high-level attack on the programming problem. Radical, because it dramatically eschews side-effects; elegant, because of its close connection with mathematics; high-level, because you can say a lot in one line. But functional programming is definitely not (yet) mainstream. That's the trouble with radical approaches: it's hard for them to break through and become mainstream. But that doesn't make functional programming any less fun, and it has turned out to be a wonderful laboratory for rich type systems, automatic garbage collection, object models, and other stuff that has made the jump into the mainstream.

Energy Research Abstracts FenixX

L'omniprésence des appareils électroniques au quotidien s'est accompagnée de la miniaturisation et de l'augmentation de la complexité des circuits numériques. Cet ouvrage traite des principes de base de l'électronique numérique et permet de comprendre les subtilités de la conception des circuits numériques. Il aborde de manière exhaustive les aspects liés à la logique combinatoire et détaille notamment le principe des portes logiques, composants de base des circuits qui permettent de mettre en œuvre les fonctions et opérations de l'algèbre de Boole, qui est appliquée aux données codées selon une représentation binaire. La logique combinatoire se rapporte uniquement aux fonctions et opérations logiques dont les sorties ne dépendent que des entrées. Des techniques sont proposées pour établir, de façon simple et concise, les équations logiques, ainsi que les méthodes d'analyse et de synthèse des circuits logiques combinatoires. Chaque chapitre est complété par des exemples pratiques et des exercices d'application corrigés.

Components and Sub-Assemblies Elsevier

Cet ouvrage propose un panorama détaillé des micro et nanosystèmes autonomes en énergie, couvrant à la fois les principes mis en œuvre et les derniers développements. Une étude approfondie d'applications dans les domaines aéronautiques, médicaux et du contrôle des bâtiments permet de dresser les grandes spécifications de tels systèmes et de leurs sous-composants. Les techniques les plus récentes de récupération et conversion d'énergie d'origine photovoltaïque, thermique et mécanique sont présentées. Un état de l'art sur les interfaces capteurs, le traitement du signal numérique et les liaisons radiofréquence, ultra-basse consommation, complète ce panorama. Enfin, des techniques d'optimisation de l'énergie au niveau du microsystème/noeud de capteur et d'un réseau de capteurs sont introduites et discutées.

Proceedings of the IEEE International Symposium on Industrial Electronics Walter de Gruyter

This monograph is intended to cover several major applications of pattern recognition. After a brief introduction to pattern recognition in Chapter 1, the two major approaches, statistical approach and syntactic approach, are reviewed in Chapter 2, and 3, respectively. Other topics include the application of pattern recognition to seismic wave interpretation, to system reliability problems, to medical data analysis, as well as character and speech recognition.

Research Directions in Parallel Functional Programming

Springer Science & Business Media

L'auteure présente les évolutions qui ont marqué l'édition imprimée et l'avènement de l'édition numérique. Etudie le

processus de transition de l'une vers l'autre en s'interrogeant sur les liens et les points de divergence existant entre elles. Réfléchit sur les enjeux de ces évolutions et sur les stratégies que les professionnels de l'édition devront élaborer pour s'y adapter.

Électronique industrielle ISTE Group

Information Control Problems in Manufacturing 2006 contains the Proceedings of the 12th IFAC Symposium on Information Control Problems in Manufacturing (INCOM'2006). This symposium took place in Saint Etienne, France, on May 17-19 2006. INCOM is a tri-annual event of symposia series organized by IFAC and it is promoted by the IFAC Technical Committee on Manufacturing Plant Control. The purpose of the symposium INCOM'2006 was to offer a forum to present the state-of-the-art in international research and development work, with special emphasis on the applications of optimisation methods, automation and IT technologies in the control of manufacturing plants and the entire supply chain within the enterprise. The symposium stressed the scientific challenges and issues, covering the whole product and processes life cycle, from the design through the manufacturing and maintenance, to the distribution and service. INCOM'2006 Technical Program also included a special event on Innovative Engineering Techniques in Healthcare Delivery. The application of engineering and IT methods in medicine is a rapidly growing field with many opportunities for innovation. The Proceedings are composed of 3 volumes: Volume 1 - Information Systems, Control & Interoperability Volume 2 - Industrial Engineering Volume 3 - Operational Research * 3-volume set, containing 362 carefully reviewed and selected papers * presenting the state-of-the-art in international research and development in Information Control problems in Manufacturing

ISIE ... Butterworth-Heinemann

Effective project management tailored to the needs of the telecommunications industry "In our rapidly changing world, the information and communication technologies and services have an immense impact on virtually all aspects of our lives. . . . With his deep understanding of the telecommunication services, and his rich experiences in both standardization activities and teaching practice, [Dr. Sherif's] book provides a very clear analysis of development projects in telecommunication services. I believe the readers will find this book very useful and interesting." —Houlin Zhao, Director, Telecommunication Standardization Bureau, International Telecommunication Union "Dr. Sherif's book is an important contribution to the project management literature. With the domination of the service economy in recent years, the book addresses the unique features of telecommunication services, a critical pillar of the service sector. Development projects in telecommunications require combining good knowledge of the fundamentals of project management with clear understanding of the complexities arising from fast-changing technology, deregulations, standards, accountability, and supply chain management difficulties. This book addresses the much-needed integrative approach very well." —Tarek Khalil, President, International Association for Management of Technology (IAMOT) While there has been much written about project management, the vast majority of the literature focuses on industrial design and production. In Managing Projects in Telecommunication Services, Mostafa Hashem Sherif effectively demonstrates the unique requirements of projects in telecommunication services and, consequently, the benefits of an integrated approach to project management that is specifically tailored to the telecommunications industry. Managing Projects in Telecommunication Services draws from a wide range of disciplines, including organizational management, motivation, quality control, and software engineering. All the theory and practical guidance that an effective telecommunications project manager needs is provided. The text is divided into three main parts: Chapters 1 through 3 set forth the special characteristics of telecommunications projects, including technology life cycle, type

of innovation, and project organization Chapters 4 through 10 cover the areas that the Project Management Institute has standardized in its publication A Guide to the Project Management Body of Knowledge (PMBOK® Guide), focusing on the issues specific to telecommunications. Chapters address scope, schedule and cost, information and communication, human resources, quality, vendor management, and risk Chapters 11 and 12 integrate and summarize all of the concepts for the planning and delivery of a project Chapters are loaded with examples and case studies, many from the author's personal experience, that demonstrate the benefits of good project management and the consequences of poor project management. Each chapter includes a summary of key points. References are also provided to facilitate further research and study. For project managers as well as students in telecommunications, this text is unsurpassed. It not only covers the theory and practice of effective project management, it also tailors its discussion specifically to the unique needs of the telecommunications industry. (PMBOK is a registered mark of the Project Management Institute, Inc.)

IECI Annual Conference Proceedings CRC Press

Power Electronics Handbook, Fourth Edition, brings together over 100 years of combined experience in the specialist areas of power engineering to offer a fully revised and updated expert guide to total power solutions. Designed to provide the best technical and most commercially viable solutions available, this handbook undertakes any or all aspects of a project requiring specialist design, installation, commissioning and maintenance services. Comprising a complete revision throughout and enhanced chapters on semiconductor diodes and transistors and thyristors, this volume includes renewable resource content useful for the new generation of engineering professionals. This market leading reference has new chapters covering electric traction theory and motors and wide band gap (WBG) materials and devices. With this book in hand, engineers will be able to execute design, analysis and evaluation of assigned projects using sound engineering principles and adhering to the business policies and product/program requirements. - Includes a list of leading international academic and professional contributors - Offers practical concepts and developments for laboratory test plans - Includes new technical chapters on electric vehicle charging and traction theory and motors - Includes renewable resource content useful for the new generation of engineering professionals

Scientific and Technical Aerospace Reports Springer Science & Business Media

Cet ouvrage traite des principes de base de l'électronique numérique et permet de comprendre les subtilités de la conception des circuits. Le second volume s'intéresse plus particulièrement aux circuits logiques séquentiels et aux circuits arithmétiques. Les circuits séquentiels les plus élémentaires sont les bascules, synchrones ou asynchrones, utilisées le plus souvent dans les applications qui nécessitent la mémorisation des données (compteurs binaires, registres à décalage, mémoires à semi-conducteurs). L'état de leur sortie à un instant donné peut dépendre des entrées mais aussi de l'état antérieur de certaines variables de sortie. Les circuits arithmétiques sont quant à eux indispensables à la mise en œuvre des microprocesseurs et des circuits de traitement numérique du signal. Ils permettent de réaliser les opérations d'addition, de soustraction, de multiplication et de division sur des données numériques. Afin de faciliter l'assimilation et la mise en pratique des différents concepts, chaque chapitre est complété d'exemples d'application et d'exercices corrigés.

Electronique numérique 1 Editions Ellipses

Lists citations with abstracts for aerospace related reports obtained from world wide sources and announces documents that have recently been entered into the NASA Scientific and Technical Information Database.

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