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**Dynamics of Contact-Induced Language Change** Bentham Science Publishers

This book is a comprehensive text on basic, undergraduate-level computer architecture. It starts from theoretical preliminaries and simple Boolean algebra. After a quick discussion on logic gates, it describes three classes of assembly languages: a custom RISC ISA called SimpleRisc, ARM, and x86. In the next part, a processor is designed for the SimpleRisc ISA from scratch. This includes the combinational units, ALUs, processor, basic 5-stage pipeline, and a microcode-based design. The last part of the book discusses caches, virtual memory, parallel programming, multiprocessors, storage devices and modern I/O systems. The book's website has links to slides for each chapter and video lectures hosted on YouTube.

**Embedded Systems: An Integrated Approach** McGraw-Hill Science, Engineering & Mathematics

International conference on Advanced Materials and Manufacturing Processes (ICAMMP 18) Selected, peer reviewed papers from the International Conference on Advanced Materials and Manufacturing Processes (ICAMMP 2018), March 30 - 31, 2018, Vizianagaram, India

**TV and Video Engineering** CRC Press

Open publication The volume deals with previously undescribed morphosyntactic variations and changes appearing in settings involving language contact. Contact-induced changes are defined as dynamic and multiple, involving internal change as well as historical and sociolinguistic factors. A variety of explanations are identified and their relationships are analyzed. Only a multifaceted methodology enables this fine-grained approach to contact-induced change. A range of methodologies are proposed, but the chapters generally have their roots in a typological perspective. The contributors recognize the precautionary principle: for example, they emphasize the difficulty of studying languages that have not been described adequately and for which diachronic data are not extensive or reliable. Three main perspectives on contact-induced language change are presented. The first explores the role of multilingual speakers in contact-induced language change, especially their spontaneous innovations in discourse. The second explores the differences between ordinary contact-induced change and change in endangered languages. The third discusses various aspects of the relationship between contact-induced change and internal change.

**Computer Organization** Pearson Educaci ó n

Designed specifically for undergraduate students of Electronics and Electrical Engineering and its related disciplines, this book offers an excellent coverage of all essential topics and provides a solid foundation for analysing electronic circuits. It covers the course named Electronic Devices and Circuits of various universities. The book will also be useful to diploma students, AMIE students, and those pursuing courses in B.Sc. (Electronics) and M.Sc. (Physics). The students are thoroughly introduced to the full spectrum of fundamental topics beginning with the theory of semiconductors and p-n junction behaviour. The devices treated include diodes, transistors—BJTs, JFETs and MOSFETs—and thyristors. The circuitry covered comprises small signal (ac), power amplifiers, oscillators, and operational amplifiers including many important applications of those versatile devices. A separate chapter on IC fabrication technology is provided to give an idea of the technologies being used in this area. There are a variety of solved examples and applications for conceptual understanding. Problems at the end of each chapter are provided to test, reinforce and enhance learning.

**Embedded System Design** PHI Learning Pvt. Ltd.

Computer Architecture and Organization, 3rd edition, provides a comprehensive and up-to-date view of the architecture and internal organization of computers from a mainly hardware perspective. With a balanced treatment of qualitative and quantitative issues. Hayes focuses on the understanding of the basic principles while avoiding overemphasis on the arcane aspects of design. This approach best meets the needs of undergraduate or beginning graduate-level students.

**Linux with Operating System Concepts** Technical Publications  
A groundbreaking and comprehensive reference that's been a bestseller since 1970, this new edition provides a broad mathematical survey and covers a full range of topics from the very basic to the advanced. For the first time, a personal tutor CD-ROM is included.

**The Mechatronics Handbook - 2 Volume Set** SCB Distributors  
ARCHIE 3000 is the complete collection featuring the classic series. This is presented in the new higher-end format of Archie Comics Presents, which offers 200+ pages at a value while taking a design cue from successful all-ages graphic novels. Travel to the 31st Century with Archie and his friends! In the year 3000, Riverdale is home to hoverboards, intergalactic travel, alien life and everyone's favorite space case, Archie! Follow the gang as they encounter detention robots, teleporters, wacky fashion trends and much more. Will the teens of the future get in as much trouble as the ones from our time?

**Sketch Like a Boss!** Shirish D

More than 2,500 designs, originally published between 1830 and 1881, offer a splendid source of royalty-free ornaments. Includes two-, three-, and four-letter combos, plus crowns, crests, and coats of arms.

**COMPUTER ORGANIZATION AND ARCHITECTURE** Firewall Media

Elucidates various modern TV pick-up tubes, CCD imagers, and various kinds of VTRs, VCRs and video disk systems along with their design features. This book includes contemporary developments like cable and satellite television, MAC packets

with HDTV and videotex information services as also their advances.

**ELECTRONIC DEVICES AND CIRCUITS** Industrial Press Inc. A True Textbook for an Introductory Course, System Administration Course, or a Combination Course Linux with Operating System Concepts, Second Edition merges conceptual operating system (OS) and Unix/Linux topics into one cohesive textbook for undergraduate students. The book can be used for a one- or two-semester course on Linux or Unix. It is complete with review sections, problems, definitions, concepts and relevant introductory material, such as binary and Boolean logic, OS kernels and the role of the CPU and memory hierarchy. Details for Introductory and Advanced Users The book covers Linux from both the user and system administrator positions. From a user perspective, it emphasizes command-line interaction. From a system administrator perspective, the text reinforces shell scripting with examples of administration scripts that support the automation of administrator tasks. Thorough Coverage of Concepts and Linux Commands The author incorporates OS concepts not found in most Linux/Unix textbooks, including kernels, file systems, storage devices, virtual memory and process management. He also introduces computer science topics, such as computer networks and TCP/IP, interpreters versus compilers, file compression, file system integrity through backups, RAID and encryption technologies, booting and the GNUs C compiler. New in this Edition The book has been updated to systemd Linux and the newer services like Cockpit, NetworkManager, firewalld and journald. This edition explores Linux beyond CentOS/Red Hat by adding detail on Debian distributions. Content across most topics has been updated and improved.

*Treatise on Thermodynamics* New Age International

A Pen is mightier than a Sword! Now discover the true power of a pen in this amazing guide to sketching like a boss. This one-of-a-kind exercise book will set all your sketching fears to rest and guide you step-by-step in drawing the most awesome illustrations. Come join Shirish on this amazing journey of discovery. What will you learn? -- The concepts of shadows and highlights. -- Shading techniques using pens. -- Various 'texture hacks' for drawing objects like glass, stones, bricks, wood -- Drawing human figures in the landscape. -- Basic perspective concepts. And that's not all. You will learn to implement all these techniques hands-on in twenty amazing step-by-step demonstrations, spanning subjects of various levels of difficulty ranging from simple to complex. Simple subjects: -- A Football -- An Ice Cream Cone -- A Plain Candle and a Half-Melted Candle -- A Leaf -- A Fruit -- A Mineral Water Bottle Medium complexity subjects: -- An Old Wooden Door -- A Truck -- The Stairs -- A Shopfront -- An Abandoned Car -- A Small Boat -- A Banyan Tree Trunk -- A Shrine Complex subjects: -- An Old Victorian Building -- A Small Temple at the Crossroads -- An Old Stone Building Converted into an Office -- An Old Telephone -- A Church -- A House in Hawaii Let's get sketching like a Boss!

**Material Science & Engineering** Tata McGraw-Hill Education Ten minibooks in one! The perfect reference for beginning web builders This hefty, 800+ page book is your start-to-finish roadmap for building a web site for personal or professional use. Even if you're completely new to the process, this book is packed with everything you need to know to build an attractive, usable, and working site. In addition to being a thorough reference on the basics, this updated new edition also covers the very latest trends and tools, such as HTML5, mobile site planning for smartphones and tablets, connecting with social media, and more. Packs ten minibooks into one hefty reference: Preparation, Site Design, Site Construction, Web Graphics, Multimedia, Interactive Elements, Form Management, Social Media Integration, Site Management, and Case Studies Covers the newest trends and tools, including HTML5, the new Adobe Create Suite, and connecting with social media Offers in-depth

reviews and case studies of existing sites created for a variety of purposes and audiences, such as blog sites and non-profit sites Walks you through essential technologies, including Dreamweaver, HTML, CSS, JavaScript, PHP, and more Plan, build, and maintain a site that does exactly what you need, with Building Web Sites All-In-One For Dummies, 3rd Edition.

**Building Websites All-in-One For Dummies** S. Chand Publishing More Food: Road to Survival is a comprehensive analysis of agricultural improvements which can be achieved through scientific methods. This reference book gives information about strategies for increasing plant productivity, comparisons of agricultural models, the role of epigenetic events on crop production, yield enhancing physiological events (photosynthesis, germination, seedling emergence, seed properties, etc.), tools enabling efficient exploration of genetic variability, domestication of new species, the detection or induction of drought resistance and apomixes and plant breeding enhancement (through molecularly assisted breeding, genetic engineering, genome editing and next generation sequencing). The book concludes with a case study for the improvement of small grain cereals. Readers will gain an understanding of the biotechnological tools and concepts central to sustainable agriculture More Food: Road to Survival is, therefore, an ideal reference for agriculture students and researchers as well as professionals involved sustainability studies.

*Basic Computer Architecture* New York ; Toronto : McGraw-Hill Embedded Systems: An Integrated Approach is exclusively designed for the undergraduate courses in electronics and communication engineering as well as computer science engineering. This book is well-structured and covers all the important processors and their applications in a sequential manner. It begins with a highlight on the building blocks of the embedded systems, moves on to discuss the software aspects and new processors and finally concludes with an insightful study of important applications. This book also contains an entire part dedicated to the ARM processor, its software requirements and the programming languages. Relevant case studies and examples supplement the main discussions in the text.

*C Test Your Aptitude* McGraw-Hill Companies

This text provides a basic understanding of digital signal processing concepts and techniques. It begins with the characterization of discrete-time signals and systems in the time and frequency domains augmented by MATLAB functions. It then covers Fourier analysis based on digital techniques.

*Fluid Mechanics* W H Freeman & Company

The first comprehensive reference on mechatronics, The Mechatronics Handbook was quickly embraced as the gold standard in the field. From washing machines, to coffeemakers, to cell phones, to the ubiquitous PC in almost every household, what, these days, doesn't take advantage of mechatronics in its design and function? In the scant five years since the initial publication of the handbook, the latest generation of smart products has made this even more obvious. Too much material to cover in a single volume Originally a single-volume reference, the handbook has grown along with the field. The need for easy access to new material on rapid changes in technology, especially in computers and software, has made the single volume format unwieldy. The second edition is offered as two easily digestible books, making the material not only more accessible, but also more focused. Completely revised and updated, Robert Bishop's seminal work is still the most exhaustive, state-of-the-art treatment of the field available.

**Physics for Scientists and Engineers** John Wiley & Sons This book offers a design research methodology intended to improve the quality of design research- its academic credibility, industrial significance and societal contribution by enabling more thorough, efficient and effective procedures. FOUNDATIONS FOR MICROWAVE ENGINEERING, 2ND ED

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Pearson Education India

A Textbook for the students of B.Sc.(Engg.), B.E., B.Tech., AMIE and Diploma Courses. A new chapter on ""Semiconductor Fabrication Technology and Miscellaneous Semiconductor Devices"" had been included and additional self-assessment questions with answers and additional worked examples had been provided at the end of the BOOK.

**Research Methodology** CRC Press

Designed as an introductory text for the students of computer science, computer applications, electronics engineering and information technology for their first course on the organization and architecture of computers, this accessible, student friendly text gives a clear and in-depth analysis of the basic principles underlying the subject. This self-contained text devotes one full chapter to the basics of digital logic.

While the initial chapters describe in detail about computer organization, including CPU design, ALU design, memory design and I/O organization, the text also deals with Assembly Language Programming for Pentium using NASM assembler. What distinguishes the text is the special attention it pays to Cache and Virtual Memory organization, as well as to RISC architecture and the intricacies of pipelining. All these discussions are climaxed by an illuminating discussion on parallel computers which shows how processors are interconnected to create a variety of parallel computers. KEY FEATURES ? Self-contained presentation starting with data representation and ending with advanced parallel computer architecture. ? Systematic and logical organization of topics. ? Large number of worked-out examples and exercises. ? Contains basics of assembly language programming. ? Each chapter has learning objectives and a detailed summary to help students to quickly revise the material.

*The Macaques* Courier Corporation

Microprocessors and Interfacing is a textbook for undergraduate engineering students who study a course on various microprocessors, its interfacing, programming and applications.