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KEY=WORDPRESS - CAROLYN BARKER

Machine Learning and Information Processing

Proceedings of ICMLIP 2019

Springer Nature This book includes selected papers from the International Conference on Machine Learning and Information Processing (ICMLIP 2019), held at ISB&M School of Technology, Pune, Maharashtra, India, from December 27 to 28, 2019. It presents the latest developments and technical solutions in the areas of advanced computing and data sciences, covering machine learning, artificial intelligence, human-computer interaction, IoT, deep learning, image processing and pattern recognition, and signal and speech processing.

Advances in Computational Intelligence and Communication Technology

Proceedings of CICT 2019

Springer Nature This book features high-quality papers presented at the International Conference on Computational Intelligence and Communication Technology (CICT 2019) organized by ABES Engineering College, Ghaziabad, India, and held from February 22 to 23, 2019. It includes the latest advances and research findings in fields of computational science and communication such as communication & networking, web & informatics, hardware and software designs, distributed & parallel processing, advanced software engineering, advanced database management systems and bioinformatics. As such, it is of interest to research scholars, students, and engineers around the globe.

Robot Building for Beginners

Apress "I wrote this book because I love building robots. I want you to love building robots, too. It took me a while to learn about many of the tools and parts in amateur robotics. Perhaps by writing about my experiences, I can give you a head start." —David Cook Robot Building for Beginners, Second Edition is an update of David Cook's best-selling Robot Building for Beginners. This book continues its aim at teenagers and adults who have an avid interest in science and dream of building household explorers. No formal engineering education is assumed. The robot described and built in this book is battery powered and about the size of a lunchbox. It is autonomous. That is, it isn't remote controlled. You'll begin with some tools of the trade, and then work your way through prototyping, robot bodybuilding, and eventually soldering your own circuit boards. By the book's end, you will have a solid amateur base of understanding so that you can begin creating your own robots to vacuum your house or maybe even rule the world!

Easy Laser Printer Maintenance and Repair

TAB/Electronics This book is for those who want to get their laser printer up and running fast while saving money. The author covers all of today's laser and LED printers, giving readers the practical information and guidance they need to perform their own repairs. Step-by-step troubleshooting flowcharts make it easy to identify the cause of particular problems and perform necessary repairs.

Wireless Communication in Underground Mines

RFID-based Sensor Networking

Springer Science & Business Media Wireless communication has emerged as an independent discipline in the past decades. Everything from cellular voice telephony to wireless data transmission using wireless sensor networks has profoundly impacted the safety, production, and productivity of industries and our lifestyle as well. After a decade of exponential growth, the wireless industry is one of the largest industries in the world. Therefore, it would be an injustice if the wireless communication is not explored for mining industry. Underground mines, which are characterized by their tough working conditions and hazardous environments, require fool-proof mine-wide communication systems for smooth functioning of mine workings and ensuring better safety. Proper and re-able

communication systems not only save the machine breakdown time but also help in immediate passing of messages from the vicinity of underground working area to the surface for day-to-day normal mining operations as well as for speedy rescue operations in case of disaster. Therefore, a reliable and effective communication system is an essential requisite for safe working, and maintaining requisite production and productivity of underground mines. Most of the existing systems generally available in underground mines are based on line (wired) communication principle, hence these are unable to withstand in the disaster conditions and difficult to deploy in inaccessible places. Therefore, wireless communication is an indispensable, reliable, and convenient system and essential in case of day-to-day normal duty or disaster situations.

Arduino: A Technical Reference

A Handbook for Technicians, Engineers, and Makers

"O'Reilly Media, Inc." Rather than yet another project-based workbook, *Arduino: A Technical Reference* is a reference and handbook that thoroughly describes the electrical and performance aspects of an Arduino board and its software. This book brings together in one place all the information you need to get something done with Arduino. It will save you from endless web searches and digging through translations of datasheets or notes in project-based texts to find the information that corresponds to your own particular setup and question. Reference features include pinout diagrams, a discussion of the AVR microcontrollers used with Arduino boards, a look under the hood at the firmware and run-time libraries that make the Arduino unique, and extensive coverage of the various shields and add-on sensors that can be used with an Arduino. One chapter is devoted to creating a new shield from scratch. The book wraps up with detailed descriptions of three different projects: a programmable signal generator, a "smart" thermostat, and a programmable launch sequencer for model rockets. Each project highlights one or more topics that can be applied to other applications.

Practical Django Projects

Apress *Build a Django content management system, blog, and social networking site with James Bennett* as he introduces version 1.1 of the popular Django framework. You'll work through the development of each project, implementing and running the applications while learning new features along the way. Web frameworks are playing a major role in the creation of today's most compelling web applications, because they automate many of the tedious tasks, allowing developers to instead focus on providing users with creative and powerful features. Python developers have been particularly fortunate in this area, having been able to take advantage of Django, a very popular open-source web framework whose stated goal is to "make it easier to build better web applications more quickly with less code." *Practical Django Projects* introduces this popular framework by way of a series of real-world projects. Readers follow along with the development of each project, implementing and running each application while learning new features along the way. This edition is updated for Django 1.1 and includes an all-new chapter covering practical development tools and techniques you'll be able to apply to your own development workflow.

MicroPython for ESP8266 Development Workshop

PE Press This book explores how to work with MicroPython development for ESP8266 modules and boards such as NodeMCU, SparkFun ESP8266 Thing and Adafruit Feather HUZZAH with ESP8266 WiFi. The following is highlight topics in this book * Preparing Development Environment * Setting Up MicroPython * GPIO Programming * PWM and Analog Input * Working with I2C * Working with UART * Working with SPI * Working with DHT Module

Practical Electronic Design for Experimenters

McGraw Hill Professional Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Learn the basics of electronics and start designing and building your own creations! This follow-up to the bestselling *Practical Electronics for Inventors* shows hobbyists, makers, and students how to design useful electronic devices from readily available parts, integrated circuits, modules, and subassemblies. *Practical Electronic Design for Experimenters* gives you the knowledge necessary to develop and construct your own functioning gadgets. The book stresses that the real-world applications of electronics design—from autonomous robots to solar-powered devices—can be fun and far-reaching. Coverage includes: • Design resources • Prototyping and simulation • Testing and measuring • Common circuit design techniques • Power supply design • Amplifier design • Signal source design • Filter design • Designing with electromechanical devices • Digital design • Programmable logic devices • Designing with microcontrollers • Component selection • Troubleshooting and debugging

Building Wireless Sensor Networks

with ZigBee, XBee, Arduino, and Processing

"O'Reilly Media, Inc." Get ready to create distributed sensor systems and intelligent interactive devices using the ZigBee wireless networking protocol and Series 2 XBee radios. By the time you're halfway through this fast-paced, hands-on guide, you'll have built a series of useful projects, including a complete ZigBee wireless network that delivers remotely sensed data. Radio networking is creating revolutions in volcano monitoring, performance art, clean energy, and consumer electronics. As you follow the examples in

each chapter, you'll learn how to tackle inspiring projects of your own. This practical guide is ideal for inventors, hackers, crafters, students, hobbyists, and scientists. Investigate an assortment of practical and intriguing project ideas Prep your ZigBee toolbox with an extensive shopping list of parts and programs Create a simple, working ZigBee network with XBee radios in less than two hours -- for under \$100 Use the Arduino open source electronics prototyping platform to build a series of increasingly complex projects Get familiar with XBee's API mode for creating sensor networks Build fully scalable sensing and actuation systems with inexpensive components Learn about power management, source routing, and other XBee technical nuances Make gateways that connect with neighboring networks, including the Internet

Stuck in Paris

A Love Story

Riley Blakely and the remainder of Grandview High's french class is heading out on a school trip to Paris. The three weeks in Paris are supposed to be an 'educational opportunity' for this lot. But of course, these hormonal teenagers just cannot abide by the rules. The one rule set by their lovely Mr. Walker: You cannot room with somebody of the opposite gender. So what does this french class do? Room with the opposite gender, with a funny way of picking roommates. Chit picking. Because hormonal teenagers can just never get enough. Insert Asher West. Her not so secret annoying hater. It's a hate-hate relationship. He's the guy who picked Riley's name. He's the most popular guy in the freaking school and Riley? Not so much. Put the two together and you'll get a whole lot of arguments and awkward moments. They're roommates and they're stuck in Paris, the city of love and the city of lights

2021 Smart Technologies, Communication and Robotics (STCR)

This conference will provide a wonderful forum to refresh knowledge base and explore the innovations in signal processing and systems It is also for researchers, academia, professionals, and students to disseminate information on the latest developments of signal processing and systems This conference strives to offer plenty of networking opportunities and interact with leading scientists and researchers, friends and colleagues There is a need for real innovations that come from research in telecommunication Technology for effective utilization of frequency resources, high speed data communications, power saving of wireless communication devices, GPS based relative positioning method between vehicles and such, which expands the possibilities of wireless communications, is the need of the hour The primary goal of STCR is to provide a platform to promote sharing of ideas which will contribute to fostering continued research in the respective fields

Modern Perl

Pragmatic Bookshelf A Perl expert can solve a problem in a few lines of well-tested code. Now you can unlock these powers for yourself. Modern Perl teaches you how Perl really works. It's the only book that explains Perl thoroughly, from its philosophical roots to the pragmatic decisions that help you solve real problems--and keep them solved. You'll understand how the language fits together and discover the secrets used by the global Perl community. This beloved guide is now completely updated for Perl 5.22. When you have to solve a problem now, reach for Perl. When you have to solve a problem right, reach for Modern Perl. Discover how to scale your skills from one-liners to asynchronous Unicode-aware web services and everything in between. Modern Perl will take you from novice to proficient Perl hacker. You'll see which features of modern Perl will make you more productive, and which features of this well-loved language are best left in the past. Along the way, you'll take advantage of Perl to write well-tested, clear, maintainable code that evolves with you. Learn how the language works, how to take advantage of the CPAN's immense trove of time-tested solutions, and how to write clear, concise, powerful code that runs everywhere. Specific coverage explains how to use Moose, how to write testable code, and how to deploy and maintain real-world Perl applications. This new edition covers the new features of Perl 5.20 and Perl 5.22, including all the new operators, standard library changes, bug and security fixes, and productivity enhancements. It gives you what you need to use the most up-to-date Perl most effectively, all day, every day. What You Need: Perl 5.16 or newer (Perl 5.20 or 5.22 preferred). Installation/upgrade instructions included.

Achtung-Panzer!

The Development of Armoured Forces, Their Tactics and Operational Potential

Arms & Armour This is one of the most significant military books of the twentieth century. By an outstanding soldier of independent mind, it pushed forward the evolution of land warfare and was directly responsible for German armoured supremacy in the early years of the Second World War. Published in 1937, the result of 15 years of careful study since his days on the German General Staff in the First World War, Guderian's book argued, quite clearly, how vital the proper use of tanks and supporting armoured vehicles would be in the conduct of a future war. When that war came, just two years later, he proved it, leading his Panzers with distinction in the Polish, French and Russian campaigns. Panzer warfare had come of age, exactly as he had forecast. This first English translation of Heinz Guderian's classic book - used as a textbook by Panzer officers in the war - has an introduction and extensive background notes

by the modern English historian Paul Harris.

ARRL's Hands-On Radio Experiments

Amer Radio Relay League

Ted the Lad

Category Theory for Programmers (Scala Edition, Paperback)

This is the Scala edition of *Category Theory for Programmers* by Bartosz Milewski. This book contains code snippets in both Haskell and Scala.

Electronics For Dummies

John Wiley & Sons Build your electronics workbench—and begin creating fun electronics projects right away Packed with hundreds of diagrams and photographs, this book provides step-by-step instructions for experiments that show you how electronic components work, advice on choosing and using essential tools, and exciting projects you can build in 30 minutes or less. You'll get charged up as you transform theory into action in chapter after chapter! Circuit basics — learn what voltage is, where current flows (and doesn't flow), and how power is used in a circuit Critical components — discover how resistors, capacitors, inductors, diodes, and transistors control and shape electric current Versatile chips — find out how to use analog and digital integrated circuits to build complex projects with just a few parts Analyze circuits — understand the rules that govern current and voltage and learn how to apply them Safety tips — get a thorough grounding in how to protect yourself—and your electronics—from harm P.S. If you think this book seems familiar, you're probably right. The Dummies team updated the cover and design to give the book a fresh feel, but the content is the same as the previous release of *Electronics For Dummies* (9781119117971). The book you see here shouldn't be considered a new or updated product. But if you're in the mood to learn something new, check out some of our other books. We're always writing about new topics!

Fundamentals of Power System Protection

PHI Learning Pvt. Ltd.

Rashed, My Friend

Translation of Bengali original "Āmāra bandhu Rāśeda."

WebGL Insights

CRC Press Given its ubiquity, plugin-free deployment, and ease of development, the adoption of WebGL is on the rise. Skilled WebGL developers provide organizations with the ability to develop and implement efficient and robust solutions-creating a growing demand for skilled WebGL developers.WebGL Insights shares experience-backed lessons learned by the WebGL

Pulse Diagnosis E-Book

A Clinical Guide

Elsevier Health Sciences This exciting new book, *Pulse Diagnosis: A Clinical Guide* describes a reliable method of pulse assessment. The authors' style and approach to pulse diagnosis provides a unique insight into this often ambiguous system of diagnosis drawing upon the traditions of Chinese medicine, the knowledge of biomedical constructs and the relationship of each to contemporary TCM clinical practice. Subjects covered include exploration of the concept of 'pulse' and establishment of it within the context of health, current limitations of current pulse literature in relation to clinical practice, pulse diagnosis within contemporary TCM clinical practice and pulse taking procedures.

Machine Learning and Information Processing

Proceedings of ICMLIP 2020

Springer Nature This book includes selected papers from the 2nd International Conference on Machine Learning and Information Processing (ICMLIP 2020), held at Vardhaman College of Engineering, Jawaharlal Nehru Technological University (JNTU), Hyderabad, India, from November 28 to 29, 2020. It presents the latest developments and technical solutions in the areas of advanced computing and data sciences, covering machine learning, artificial intelligence, human-computer interaction, IoT, deep learning, image processing and pattern recognition, and signal and speech processing.

The Internet of Things

Key Applications and Protocols

John Wiley & Sons A project manager must not only master methods and processes, but also have the ability to deal with new, unexpected and critical situations. The book deals with these challenges, the passion for projects and the creativity which is required in order to lead projects and bring them to a successful conclusion. Experienced project managers report on exciting tasks in various countries, daily life as project managers and about their personal experiences and learning effects. Readers will experience the fascinating appeal of the job of a "project manager", which also means constantly being prepared to get into a new task. Furthermore, the book provides ideas about how to overcome social, cultural, organisational, financial, bureaucratic or other hurdles. Not only classic project managers - engineers and economists -, but also lawyers or industrial engineers, who work in projects or are interested in project work, will be inspired by this book, how personal commitment and professional, organisational and social capabilities combine to form this unique profession.

The Blended Learning Cookbook

Lulu.com

The Greatest Game

Ever since humans became self-aware, we have struggled to find the meaning of life. The price we paid for becoming intelligent was to become painfully ignorant of the difference between good and evil. Adi, a 10-year-old boy, works together with two old philosophers as they try to unravel the prophecy of a promised King. With insatiable curiosity, Adi must work with the wise men as they rationalize with each other on why and how humans became intelligent. Together they attempt to answer some of the most profound questions related to existence. Does evolution end with human beings or is there an 'Overman' who can reach evolution's pinnacle? Will this Overman be able to define values for humankind? Centuries later a young boy promises his mother that he will always uphold the love that she has taught him. It is a promise that drowns him in the nectar of the gods. Krish grows up to be an engineer and joins a team of scientists as they try to create artificial consciousness in a machine. Krish soon realizes that he has a bigger fight on his hands. A fight to preserve love in a desolate world. His quest for true love ultimately leads him down a path where he comes face to face with a fearsome snake delivering a kiss of death. Humans have come a long way by questioning the nature of objects around us and pushing the limits of our intelligence, but it's now time that we ask the greatest question yet: when does intelligence transcend to become consciousness?

Op Amps for Everyone

Design Reference

Newnes The operational amplifier ("op amp") is the most versatile and widely used type of analog IC, used in audio and voltage amplifiers, signal conditioners, signal converters, oscillators, and analog computing systems. Almost every electronic device uses at least one op amp. This book is Texas Instruments' complete professional-level tutorial and reference to operational amplifier theory and applications. Among the topics covered are basic op amp physics (including reviews of current and voltage division, Thevenin's theorem, and transistor models), idealized op amp operation and configuration, feedback theory and methods, single and dual supply operation, understanding op amp parameters, minimizing noise in op amp circuits, and practical applications such as instrumentation amplifiers, signal conditioning, oscillators, active filters, load and level conversions, and analog computing. There is also extensive coverage of circuit construction techniques, including circuit board design, grounding, input and output isolation, using decoupling capacitors, and frequency characteristics of passive components. The material in this book is applicable to all op amp ICs from all manufacturers, not just TI. Unlike textbook treatments of op amp theory that tend to focus on idealized op amp models and configuration, this title uses idealized models only when necessary to explain op amp theory. The bulk of this book is on real-world op amps and their applications; considerations such as thermal effects, circuit noise, circuit buffering, selection of appropriate op amps for a given application, and unexpected effects in passive components are all discussed in detail. *Published in conjunction with Texas Instruments *A single volume, professional-level guide to op amp theory and applications *Covers circuit board layout techniques for manufacturing op amp circuits.

Routing Protocols Companion Guide

Pearson Education Contributions by Rick Graziani and Bob Vachon.

PHP Reference: Beginner to Intermediate PHP5

Mario Lurig A collection of over 250 PHP functions with clear explanations in language anyone can understand, followed with as many examples as it takes to understand what the function does and how it works. This book includes numerous additional tips, the basics of PHP, MySQL query examples, regular expressions syntax, and two indexes to help you find information faster: a common language index and a function index. When the internet is not around or you want a simpler explanation along with all the technical details, this book has all of that and more.

2001 Directory of Census Statistics

Assists those interested in accessing information from the wealth of statistics collected in the Census of Population and Housing. The directory contains a description of the range of publications, electronic products, maps and consultancy services available from the 2001 Census. These products and services are to be progressively released between 2002 and 2003 as the detailed data becomes available. A brief description of the contents of each item is provided, as well as details of the geographic coverage, price, availability by medium and ordering information.

Manhattan Mayhem

New Crime Stories from Mystery Writers of America

Quirk Books From Wall Street to Harlem, the borough of Manhattan is the setting for all-new stories of mystery, murder, and suspense, presented by best-selling author Mary Higgins Clark and featuring an exclusive Jack Reacher story by Lee Child, as well as other takes from top Mystery Writers of America authors. In Lee Child's "The Picture of the Lonely Diner," legendary drifter Jack Reacher interrupts a curious stand-off in the shadow of the Flatiron Building. In Jeffery Deaver's "The Baker of Bleecker Street," an Italian immigrant becomes ensnared in WWII espionage. And in "The Five-Dollar Dress," Mary Higgins Clark unearths the contents of a mysterious hope chest found in an apartment on Union Square. With additional stories from T. Jefferson Parker, S. J. Rozan, Nancy Pickard, Ben H. Winters, Brendan DuBois, Persia Walker, Jon L. Breen, N. J. Ayres, Angela Zeman, Thomas H. Cook, Judith Kelman, Margaret Maron, Justin Scott, and Julie Hyzy, Manhattan Mayhem is teeming with red herrings, likely suspects, and thoroughly satisfying mysteries.

The Performance of Open Source Applications

Speed Precision, and a Bit of Serendipity

In 1974, Donald Knuth wrote, "We should forget about small efficiencies, say about 97%% of the time: premature optimization is the root of all evil." With computers available now that are millions of times faster than those available then, today's programmers have even less reason to worry about shaving cycles and saving bytes than those a generation ago. But "less" isn't "none": every once in a while, squeezing the last ounce of performance out of the machine really does matter. This book is written by over a dozen developers who have grappled with slow code, memory leaks, or uncontrollable latency in open source software. They share their mistakes and successes, and give the reader an over-the-shoulder view of how they approached their specific challenges. With examples from bioinformatics research code to web browsers, the solutions are as varied as the problems. This book will help junior and senior developers alike understand how their colleagues think about performance.

Machine Learning

This book covers the field of machine learning, which is the study of algorithms that allow computer programs to automatically improve through experience. The book is intended to support upper level undergraduate and introductory level graduate courses in machine learning.

Operating Systems

Three Easy Pieces

Createspace Independent Publishing Platform "This book is organized around three concepts fundamental to OS construction: virtualization (of CPU and memory), concurrency (locks and condition variables), and persistence (disks, RAIDS, and file systems"-- Back cover.

Ecology

A Bridge Between Science and Society

Sinauer Associates Incorporated This is an introduction to the principles of modern ecology as they relate to today's threat to Earth's life-support systems. Themes examined include experimental life-support systems, hierarchies, ecosystems and landscapes, component physical factors, population, development and evolution.

Walker Evans

Cuba

J Paul Getty Museum Publications "As novelist and poet Andrei Codrescu points out in the essay that accompanies this selection of photographs from the Getty Museum's collection, Evans's photographs are the work of an artist whose temperament was distinctly at odds with Beals's impassioned rhetoric. Evans's photographs of Cuba were made by a young, still maturing artist who - as Codrescu argues - was just beginning to combine his early, formalist aesthetic with the social concerns that would figure prominently in his later work."--Jacket.

Electronic Principles

"Electronic Principles, eighth edition, continues its tradition as a clearly explained, in-depth introduction to electronic semiconductor devices and circuits. This textbook is intended for students who are taking their first course in linear electronics. The prerequisites are a dc/ac circuits course, algebra, and some trigonometry. Electronic Principles provides essential understanding of semiconductor device characteristics, testing, and the practical circuits in which they are found. The text provides clearly explained concepts-written in an easy-to-read conversational style-establishing the foundation needed to understand the operation and troubleshooting of electronic systems. Practical circuit examples, applications, and troubleshooting exercises are found throughout the chapters"--

BE RICH AND HAPPY.

Culo by Mazzucco

Atria Books The World Is No Longer Flat Culo is an art, fashion, and pop-culture movement that defies all national, cultural, and linguistic boundaries. No matter if you were raised to call it derriere, tush, rear end, or booty, culo is the new epicenter of female sexuality, desire, and empowerment. Over the past decade, some of the world's most celebrated women have subtly shifted our long-held ideals of physical perfection toward a shape that is more authentic and bold. While culo has long been venerated in certain cultures, it is now becoming the object of worldwide mainstream admiration. This emerging global love affair with culo is as much about the blending of African, Latin, European, and Asian beauty as it is about celebrating the female form's most coveted asset. Culo by Mazzucco pays tribute to this phenomenon through a singular artistic vision. In more than 200 photographs and artworks created on location around the world, a diverse group of women—some already legendary, some about to become so—embody the spirit of culo and the start of a new era of beauty.

Noisy Trucks

Tiger Tales Young readers will love to feel the different textures and hear the truck sounds in this interactive, sturdy board book designed for children ages 3 and up. Includes an on/off switch on the back cover to extend battery life. Touch, feel, and hear the trucks on every page of this sturdy board book. Engaging photographs and appealing textures encourage young readers to explore the exciting world of trucks. Press the touch-and-feels to hear five realistic truck sounds, with a button on the last page to play all five sounds again!