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California Builder & Engineer

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The Basic Writings of Trotsky

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EMC for Product Designers

The Complete Builder's Guide to Hot Rod Chassis and Suspensions

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Motorbooks International SURPLUS RECORD, is the leading independent business directory of new and used capital equipment, machine tools, machinery, and industrial equipment,

listing over 110,000 industrial assets since 1924; including metalworking and fabricating machine tools, lathes, cnc equipment, machine centers, woodworking equipment, food equipment, chemical and process equipment, cranes, air compressors, pumps, motors, circuit breakers, generators, transformers, turbines, and more. Over 1,100 businesses list with the

SURPLUS RECORD. June 2023 issue. Vol. 100, No. 7
DIY Drones for the Evil Genius: Design, Build, and Customize Your Own Drones Elsevier
In How to Build Hot Rod Chassis, highly regarded hot rodding author Jeff Tann covers everything enthusiasts need to know about designing and building their new chassis and suspension system. It thoroughly explores both

factory and aftermarket frames, modified factory solid-axle suspensions, and aftermarket independent front and rear suspension setups. No matter what design a reader may be considering for his own car, *How to Build Hot Rod Chassis* delivers a wealth of information on the pros and cons of all systems available.

Survey Vessels of the World McGraw-Hill

Professional

From the author of *Burial Rites*, "a literary novel with the pace and tension

of a thriller that takes us on a frightening journey towards an unspeakable tragedy" (Paula Hawkins, bestselling author of *The Girl on the Train* and *Into the Water*). Based on true events in nineteenth century Ireland, Hannah Kent's startling new novel tells the story of three women, drawn together to rescue a child from a superstitious community. Nora, bereft after the death of her husband, finds herself alone and caring for her grandson Micheal, who can neither speak nor walk. A

handmaid, Mary, arrives to help Nora just as rumors begin to spread that Micheal is a changeling child who is bringing bad luck to the valley. Determined to banish evil, Nora and Mary enlist the help of Nance, an elderly wanderer who understands the magic of the old ways. Set in a lost world bound by its own laws, *The Good People* is Hannah Kent's startling new novel about absolute belief and devoted love. Terrifying, thrilling and moving in equal measure,

this follow-up to Burial Rites shows an author at the height of her powers.

Electrical Codes, Standards, Recommended Practices and Regulations

William Andrew

* Everything the hobbyist needs to build more than 21 inexpensive "evil genius" electronic devices

* Each chapter contains a detailed list of materials, sources for obtaining parts, schematics, documentation, and instructions for assembly

* Projects include an

ultrasonic microphone, body heat detector, lightning bolt generator, infrared viewer, and a Star Wars light saber
Media Product Portfolios
CarTech Inc

Design, build, and pilot custom drones—no prior experience necessary!

This fun guide shows, step-by-step, how to construct powerful drones from inexpensive parts, add personalized features, and become a full-fledged pilot. DIY Drones for the Evil Genius: Design, Build, and Customize Your Own Drones not only covers

safety, mechanics, drone design, and assembly, but also teaches the basics of Aerospace Engineering. You will discover how to add video transmitters, GPS, first-person view, and virtual reality goggles to your creations. The book walks you through the FAA licensing process and takes a look at advanced concepts, such as artificial intelligence and autonomous flight. • Learn about aircraft parts, control mechanics, and safety practices • Become an expert pilot—even handle flips and high-

speed maneuvers • Pick the perfect parts for your high-performance drone • Find out how to solder and start assembling your drone • Program the aircraft, calibrate the motors, and start flying! • Add LED lights, GoPro mounts, and self-balancing camera gimbals • Explore the world of first-person-view (FPV) drones and high-speed racing • See how artificial intelligence can be put to use in the drone industry

Electrical Engineering 101 Elsevier
Electrical Engineering 101

covers the basic theory and practice of electronics, starting by answering the question "What is electricity?" It goes on to explain the fundamental principles and components, relating them constantly to real-world examples. Sections on tools and troubleshooting give engineers deeper understanding and the know-how to create and maintain their own electronic design projects. Unlike other books that simply describe electronics and provide

step-by-step build instructions, EE101 delves into how and why electricity and electronics work, giving the reader the tools to take their electronics education to the next level. It is written in a down-to-earth style and explains jargon, technical terms and schematics as they arise. The author builds a genuine understanding of the fundamentals and shows how they can be applied to a range of engineering problems. This third edition includes more real-world examples

and a glossary of formulae. It contains new coverage of: - Microcontrollers - FPGAs - Classes of components - Memory (RAM, ROM, etc.) - Surface mount - High speed design - Board layout - Advanced digital electronics (e.g. processors) - Transistor circuits and circuit design - Op-amp and logic circuits - Use of test equipment - Gives readers a simple explanation of complex concepts, in terms they can understand and relate to everyday life. - Updated

content throughout and new material on the latest technological advances. - Provides readers with an invaluable set of tools and references that they can use in their everyday work.

RF Components and Circuits

McGraw Hill Professional SURPLUS RECORD, is the leading independent business directory of new and used capital equipment, machine tools, machinery, and industrial equipment, listing over 95,000 industrial assets;

including metalworking and fabricating machine tools, chemical and process equipment, cranes, air compressors, pumps, motors, circuit breakers, generators, transformers, turbines, and more. Over 1,100 businesses list with the SURPLUS RECORD. August 2022 issue. Vol. 99, No. 8 How to Modify Ford S.o.H.C. Engines Surplus Record Starting Electronics is unrivalled as a highly practical introduction for technicians, non-electronic engineers,

software engineers, students, and hobbyists. Keith Brindley introduces readers to the functions of the main component types, their uses, and the basic principles of building and designing electronic circuits. Breadboard layouts make this very much a ready-to-run book for the experimenter, and the use of readily available, inexpensive components makes this practical exploration of electronics easily accessible to all levels of engineer and hobbyist. Other books tell readers

what to do, but sometimes fail to explain why - Brindley gives readers hands-on confidence in addition to real scientific knowledge, and insight into the principles as well as the practice. All written explanations and steps are supplemented with numerous photos, charts, tables and graphs. Concepts and practical aspects are explained thoroughly with mathematical formulae and technical schematic drawings. Each chapter introduces a concept or

tool, explains the basic theory, and provides clear instructions for a simple experiment to apply the concept or tool, with quiz sections and answers, at the end of each chapter. New chapters on multimeters and soldering will be added, covering the fundamentals and experiments, with a basic parts list and an expanded and updated buyer's guide. - Guides the reader through the basics of electronics, from fundamentals of theory to practical work and experiments - Structured

for learning and self-study: each chapter introduces a concept or tool, explains the basic theory, and provides clear instructions for a simple experiment to apply the concept or tool, with quiz sections and answers, at the end of each chapter - New chapters on multimeters and soldering, covering the fundamentals and experiments, with a basic parts list. Expanded and updated buyer's guide to accompany parts lists
Instructor Competencies
Springer

The legendary Silicon Valley entrepreneur examines how both business and government organizations can harness the power of disruptive technologies. Tom Siebel, the billionaire technologist and founder of Siebel Systems, discusses how four technologies—elastic cloud computing, big data, artificial intelligence, and the internet of things—are fundamentally changing how business and government will operate in the 21st century. While this profound and fast-

moving transformation can appear daunting to some, Siebel shows how organizations can not only survive, but thrive in the new digital landscape. In this authoritative yet accessible book, Siebel guides readers through the technologies driving digital transformation, and demonstrates how they can strategically exploit their powerful capabilities. He shows how leading enterprises such as Enel, 3M, Royal Dutch Shell, the U.S. Department of Defense, and others are applying AI

and IoT with stunning results.

Women who Marry Houses RosettaBooks SURPLUS RECORD, is the leading independent business directory of new and used capital equipment, machine tools, machinery, and industrial equipment, listing over 110,000 industrial assets; including metalworking and fabricating machine tools, chemical and process equipment, cranes, air compressors, pumps, motors, circuit breakers, generators,

transformers, turbines, and more. Over 1,100 businesses list with the SURPLUS RECORD. March 2022 issue. Vol. 100, No. 1
August 2022 - Surplus Record Machinery & Equipment Directory Elsevier
 Electrical codes, standards, recommended practices and regulations can be complex subjects, yet are essential in both electrical design and life safety issues. This book demystifies their usage. It is a handbook of codes, standards, recommended

practices and regulations in the United States involving electrical safety and design. Many engineers and electrical safety professionals may not be aware of all of those documents and their applicability. This book identifies those documents by category, allowing the ready and easy access to the relevant requirements. Because these documents may be updated on a regular basis, this book was written so that its information is not reliant on the latest edition or

release of those codes, standards, recommended practices or regulations. No single document on the market today attempts to not only list the majority of relevant electrical design and safety codes, standards, recommended practices and regulations, but also explain their use and updating cycles. This book, one-stop-information-center for electrical engineers, electrical safety professionals, and designers, does. - Covers the codes, standards,

recommended practices and regulations in the United States involving electrical safety and design, providing a comprehensive reference for engineers and electrical safety professionals - Documents are identified by category, enabling easy access to the relevant requirements - Not version-specific; information is not reliant on the latest edition or release of the codes, standards, recommended practices or regulations The Journal of Offshore Technology Surplus

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breakers, generators, transformers, turbines, and more. Over 1,100 businesses list with the SURPLUS RECORD. June 2023 issue. Vol. 100, No. 8

The Good People IAP SURPLUS RECORD, is the leading independent business directory of new and used capital equipment, machine tools, machinery, and industrial equipment, listing over 110,000 industrial assets since 1924; including metalworking and fabricating machine tools,

lathes, cnc equipment, machine centers, woodworking equipment, food equipment, chemical and process equipment, cranes, air compressors, pumps, motors, circuit breakers, generators, transformers, turbines, and more. Over 1,100 businesses list with the SURPLUS RECORD.

November 2023 issue.

Vol. 100, No. 12

Wind Turbine Control and Monitoring McGraw Hill Professional

Electronics is fascinating – want to make something of it? This book shows you

how! You can make all sorts of things, once you understand what electronics is and how it works. This book helps you out with that part, explaining the whole thing in plain English. Learn how electricity functions, how to harness it and put it to work, what tools you need to build circuits, what you can make with them, and how to do it safely. Mystery solved – understand what makes your iPod, remote control, and computer work
Essential stuff – outfit your electronics lab with

all the necessary tools, including some that will surprise you Schematic road maps – learn to read schematics and understand how they help your project get where it's going Symbols of power – recognize all the identifiers for power sources, grounds, and components Tools of the trade – discover how to use a multimeter, logic probe, oscilloscope, and solderless breadboard Break it down – get to know the ins and outs of components such as resistors, capacitors

, diodes and transistors Getting it together – find out how integrated circuits make all the rest possible and learn to work with them & Analyze it – understand the rules that govern current and voltage and learn how to apply them Open the book and find: The difference between electronics and electricity A list of essential tools Cool projects you can build quickly Great places to find parts Important safety tips What a sine wave is Interesting stuff about speakers, buzzers,

and DC motors Ohm's Law and how to use it

August 2023 - Surplus Record Machinery & Equipment Directory

Surplus Record Plant Hazard Analysis and Safety Instrumentation Systems is the first book to combine coverage of these two integral aspects of running a chemical processing plant. It helps engineers from various disciplines learn how various analysis techniques, international standards, and instrumentation and controls provide layers of

protection for basic process control systems, and how, as a result, overall system reliability, availability, dependability, and maintainability can be increased. This step-by-step guide takes readers through the development of safety instrumented systems, also including discussions on cost impact, basics of statistics, and reliability. Swapan Basu brings more than 35 years of industrial experience to this book, using practical examples to demonstrate concepts. Basu links between the

SIS requirements and process hazard analysis in order to complete SIS lifecycle implementation and covers safety analysis and realization in control systems, with up-to-date descriptions of modern concepts, such as SIL, SIS, and Fault Tolerance to name a few. In addition, the book addresses security issues that are particularly important for the programmable systems in modern plants, and discusses, at length, hazardous atmospheres and their impact on electrical enclosures and

the use of IS circuits. - Helps the reader identify which hazard analysis method is the most appropriate (covers ALARP, HAZOP, FMEA, LOPA) - Provides tactics on how to implement standards, such as IEC 61508/61511 and ANSI/ISA 84 - Presents information on how to conduct safety analysis and realization in control systems and safety instrumentation [Electronics from the Ground Up: Learn by Hacking, Designing, and Inventing Oilfield](#)

Publications, Incorporated
 The ultimate collection of
 DIY Arduino projects! In
 this easy-to-follow book,
 electronics guru Simon
 Monk shows you how to
 create a wide variety of
 fun and functional
 gadgets with the Arduino
 Uno and Leonardo boards.
 Filled with step-by-step
 instructions and detailed
 illustrations, The TAB
 Book of Arduino Projects:
 36 Things to Make with
 Shields and Proto Shields
 provides a cost estimate,
 difficulty level, and list of
 required components for
 each project. You'll learn

how to design custom
 circuits with Proto Shields
 and solder parts to the
 prototyping area to build
 professional-quality
 devices. Catapult your
 Arduino skills to the next
 level with this hands-on
 guide. Build these and
 many more innovative
 Arduino creations:
 Persistence-of-vision
 (POV) display High-power
 LED controller Color
 recognizer RFID door lock
 Fake dog Person counter
 Laser alarm Theramin-like
 instrument FM radio
 receiver Email notifier
 Network temperature and

humidity sensor Seven
 segment LED clock Larson
 scanner Conway's game
 of life Singing plant
 Ultrasonic rangefinder
 Temperature and light
 logger Autoranging
 capacitance meter Geiger
 counter

Public Speaking McGraw
 Hill Professional
 "Fully updated
 throughout"--P. [4] of
 cover.

**Electronic Gadgets for
 the Evil Genius** Surplus
 Record
 Shift your fear into top
 gear. Set your pulse
 racing with this collection

of automotive horror that fires on all cylinders. This bad boy comes fully-optioned with fifteen tales of classic cars and motorcycles behaving badly; and the star-studded lineup is sure to provide all the nightmare fuel you can handle. So strap in and hold on, because we're going pedal to the metal. It's blood-soaked horror or bust, and we aren't stopping for anything. You're in for a ride.

Electronics For Dummies
Hachette+ORM
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leading independent business directory of new and used capital equipment, machine tools, machinery, and industrial equipment, listing over 110,000 industrial assets since 1924; including metalworking and fabricating machine tools, lathes, cnc equipment, machine centers, woodworking equipment, food equipment, chemical and process equipment, cranes, air compressors, pumps, motors, circuit breakers, generators, transformers, turbines,

and more. Over 1,100 businesses list with the SURPLUS RECORD. June 2023 issue. Vol. 100, No. 6
November 2022 - Surplus Record Machinery & Equipment Directory
McGraw Hill Professional
Discover the inner-workings of electronics through innovative hands-on experiments Are you fascinated by the power of even the smallest electronic device? Electronics from the Ground Up guides you through step-by-step experiments that reveal

how electronic circuits function so you can advance your skills and design custom circuits. You'll work with a range of circuits and signals related to optical emitters and receivers, audio, oscillators, and video. This practical resource explains components, construction techniques, basic test equipment, circuit analysis, and

troubleshooting. Photographs, schematics, equations, and graphs are included throughout. By the end of the book, you'll be able to hack and modify existing circuits to create your own unique designs. Do-it-yourself experiments cover: Batteries, lamps, and flashlights Light emitters and receivers Diodes, rectifiers, and associated circuits Transistors, FETs,

and vacuum tubes Amplifiers and feedback Audio signals and circuits Oscillators AM and FM signals and circuits Video basics, including video signals Video circuits and systems "Excellent... Nothing can replace hands-on experience and Quan immerses the hobbyist/designer right into the fray up to their elbows."—EDN Magazine

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