

A Guide To Internal Resistance In Series Circuits

Perfect for revision, these guides explain the unit requirements, summarise the content and include specimen questions with graded answers. Each full-colour New Edition Student Unit Guide provides ideal preparation for your unit exam: Feel confident you understand the unit: each guide comprehensively covers the unit content and includes topic summaries, knowledge check questions and a reference index Get to grips with the exam requirements: the specific skills on which you will be tested are explored and explained Analyse exam-style questions: graded student responses will help you focus on areas where you can improve your exam technique and performance

A study guide for students of advanced level physics covering the AS electricity requirement of nearly all specifications. All the relevant topics are explained in depth assuming no prior knowledge of electricity, including resistor networks, internal resistance and resistivity. A number of questions with answers are also provided. Worked examples are included and the key points of each section are summarised at the end of each chapter. This book is designed to prepare you for electricity questions which may appear on your A level exam. It is the first in a series of books which will cover different topics in A level physics including waves and mechanics.

• candidates / tutors must have noticed that the exam questions has gone towards tertiary year-1 level, but yet the syllabus does not reflect this change • first to provide the expert guide to lead one through this highly demanding knowledge requirement • completely covers all knowledge requirement in GCE exam since 1996 • full critical exam reports • exact and accurate definitions • fully-extended Planning Question (only available in print edition and Complete edition eBook) • Complete edition and concise edition eBooks available

Devices, Circuits and Measurement

A Guide to the Issues

Certificate Physics Form 3

A-level Physics Critical Guide (Yellowreef)

Airframe

A Learning Guide

• according to the latest syllabus • the expert guide to lead one through this highly demanding knowledge requirement • clear and easy-to-understand explanation of concepts • include Planning and Data Analysis question answering techniques • advanced trade book with data-mining and teachers' comments • buy print edition online at www.yellowreef.com to enjoy attractive discounts • also suitable for • Cambridge GCE AL (H1/H2) • Cambridge International AL • Cambridge Pre-University • visit www.yellowreef.com for updates, sample chapters and more

The book provides a comprehensive introduction to noise in microwave circuits, with a certain emphasis on noise characterization of devices and circuits. It describes fluctuations starting from their physical origin, passing through the definition of the typical quantities that form the jargon of the noise experts (and, as such, often learned by students and practitioners in the field only). The authors also touch on the general description of noise in linear and non-linear circuits (the latter being a quite specific topic, being described in few textbooks and references), describing device-specific noise models. The book concludes with several chapters devoted to the description of noise measurement techniques, and especially to the interpretation of the measured data.

Two books in one--and an unmatched resource for electronic circuit designers, technicians, students, and hobbyists worldwide. Not a revision but the latest in the series, this compendium combines the traditional circuit "cookbook" with state-of-the-art troubleshooting techniques. Thus it's the only reference that allows readers to build, test, and customize a wealth of useful circuit types. All 600+ pre-designed circuits are new (they do not appear in earlier volumes), and are conveniently grouped by function. While other circuit books present only basic schematics, Lenk's encyclopedias also explain how to put each circuit to work. Moreover, they provide debugging and troubleshooting routines to use when things don't go as planned, making it easy to integrate circuits into existing systems.

AQA AS/A Level Physics Student Guide: Sections 4 and 5

A-level Physics Complete Guide Yellowreef

Concentration: Maintain Laser Sharp Focus & Attention for 5 Hours or More

Fast-Track Test Guides for Aviation Maintenance

Understanding Electricity for a Level Physics

Edexcel AS/A Level Physics Student Guide: Topics 2 and 3

• completely cover all question-types since 1996 • expose all "trick" questions • make available full set of all possible step-by-step solution approaches • provide examination reports revealing common mistakes & unusual wrong habits • give short side-reading notes • teach easy-to-implement check-back procedure • Complete edition and concise edition eBooks available

Written by experienced teacher Ian Lovat, this Student Guide for Physics: - Helps you identify what you need to know with a concise summary of the topics examined in the AS and A-level specifications - Consolidates understanding with tips and knowledge check questions - Provides opportunities to improve exam technique with sample answers to exam-style questions - Develops independent learning and research skills - Provides the content for generating individual revision notes

#1 Speed Reading Book for 4 Straight Years This is the go to book for students, teachers, professionals, and home-school parents to quickly improve reading speed. It offers simple tips to not only accelerate reading, but comprehension and memory. With a few simple shifts, you can double to even triple reading speed in a matter of seconds. No skimming, no scanning, but reading every word with double or triple the

speed. Then with the additional tips and exercises, you will raise that level until you are comfortably reading a 200+ page book in 1 hour.

Relationship Workbook for Couples

Everyday Memory: Easily Remember Names, Facts, Dates, Lectures, Directions, Instructions, Events, Experiences, and Much More

Handbook for Electrical Engineers

Number 6; Questions, Answers and Illustrations; A Progressive Course of Study for Engineers, Electricians, Students and Those Desiring to Acquire a Working Knowledge of Electricity and Its Applications; A Practical Treatise

Speed Reading: Read a 200+ Page Book in 1 Hour

Edexcel AS Physics Student Unit Guide New Edition: Unit 2 Physics at Work

Improve your grades by focusing revision and build confidence and strengthen exam technique. Student Unit Guides are perfect for revision. Each guide is written by an examiner and explains the unit requirements, summarises the relevant unit content and includes a series of specimen questions and answers. There are three sections to each guide: Introduction - includes advice on how to use the guide, an explanation of the skills being tested by the assessment objectives, an outline of the unit or module and, depending on the unit, suggestions for how to revise effectively and prepare for the examination questions, Content Guidance - provides an examiner's overview of the module's key terms and concepts and identifies opportunities to exhibit the skills required by the unit. It is designed to help students to structure their revision and make them aware of the concepts they need to understand the exam and how they might analyse and evaluate topics and Question and Answers - sample questions and with graded answers which have been carefully written to reflect the style of the unit. All responses are accompanied by commentaries which highlight their respective strengths and weaknesses, giving students an insight into the mind of the examiner.

Are you struggling with the effects in your life of past trauma? Are your relationships plagued by conflict and emotional reactivity? Do you hear a voice in your head that constantly judges and criticizes you? Do you suffer from chronic or periodic depression, anxiety or stress? It's time to grab your inner tiger by the tail. It's time to heal the frozen trauma within you and live the life you want and deserve. In this book Dr. Leland W. Howe explores the latest research into the emotional brain alarm and the connection between energetic body movement and healing from past trauma-trauma that many of us experienced in our past, though we may not be aware of it. Using fascinating case studies, Dr. Howe introduces an approach to healing and wholeness that can change your life!

Survey of microwave antenna design problems. Circuit relations, reciprocity theorems. Radiation from current distributions. Wave fronts and rays. Scattering and diffraction. Aperture illumination and antenna patterns. Microwave transmission lines. Microwave dipole antennas and feeds. Linear array antennas and feeds. Waveguide and horn feeds. Dielectric and metal-plate lenses. Pencil-beam and simple fanned-beam antennas. Shaped-beam antennas. Antenna installation problems. Antenna measurements techniques and equipment.

American Covert Operations: A Guide to the Issues

The TAB Battery Book: An In-Depth Guide to Construction, Design, and Use

Electrical Occupations

Inspiration to Implementation, Second Edition

A Short Guide to Fraud Risk

Cathodic Corrosion Protection Systems

• candidates / tutors must have noticed that the exam questions has gone towards tertiary year-1 level, yet the syllabus does not reflect this change, we have made the necessary inclusion • provides the critical guide to lead one through this highly demanding knowledge requirement • total exam-compatibility in notes and examples • exact and accurate definitions • most efficient method of learning, hence saves time • advanced trade book • Complete edition and concise edition eBooks available

Traces our country's long history of covert and special operations, focusing on the similarities and differences in the practice from the Revolutionary War to the present. • References literature supporting both sides of the special and covert operations debate • Explains how covert operations is used as a tool of American foreign policy • Examines the changes in covert operations since the attacks of September 11, 2001

Struggling to concentrate? Can't focus for more than a few minutes? If so, you're at the right place. This book has quickly become the gold standard for improving attention, focus, and concentration. That's because it exams concentration from a completely different perspective. Instead of the usual advice of "remove distractions" or "pomodoro technique," it dives deep into the mind and body to discover what exactly creates concentration and what takes it away. You will gain valuable insight into developing the parts of the brain responsible for concentration and reduce the parts that take it away - Does your mind wander from one unrelated thought to another? - Do you get so lost in thought, you miss what is going around you? - Are you swayed by the slightest distractions? You will learn to manage all this and more Imagine a life where you can listen in class, finish a project, receive that promotion, write that novel,engage with family, be more present, and enjoy life fully. That's what this book will help you achieve. What are you waiting for? The sooner you start, the sooner you will see results.

A Guide to Small-Scale Energy Harvesting Techniques

A Guide to Noise in Microwave Circuits

Primary Battery Ignition

CCEA AS Unit 1 Physics Student Guide: Forces, energy and electricity

A Guide to Electric Lighting for the Use of Householders and Amateurs

A Guide to Approved Methods of Construction and the Principles Relating Thereto, with Examples, Practical Rules, and Formulae

Corrosion is a naturally occurring cost, worth billions in the oil and gas sector. New regulations, stiffer penalties for non-compliance and aging assets are all leading companies to develop new technology, procedures and bigger budgets catering to one prevailing method of prevention, cathodic protection. Cathodic Corrosion Protection Systems: A Guide for Oil and Gas Industries trains on all the necessary reports, inspection criteria, corrective measures and critical standards needed on various oil and gas equipment, structures, tanks, and pipelines. Demands in the cathodic protection market have driven development for better devices and methods, helping to prolong the equipment and pipeline's life and integrity. Going beyond just looking for leaks, this handbook gives the engineer and manager all the necessary tools needed to put together a safe cathodic protection system, whether it is for buried casing while drilling, offshore structures or submarine pipelines. Understand how to install, inspect and engage the right cathodic protection systems for various oil and gas equipment, tanks, and pipelines Properly construct the right procedure and anodes with all relevant US and International standards that apply Gain knowledge concerning techniques, equipment, measurements and test methods used in real-world field scenarios

Revised and updated, the second edition includes several new chapters with projects and applications. The authors keep pace with the ever-growing and rapidly expanding field of robotics. The new edition reflects technological developments and includes programs and activities for robot enthusiasts. Using photographs, illustrations, and informative t

?? Do you want to create a healthy and happy relationship with your partner? Welcome to this transformational relationship guide! My goal is to touch your heartstrings and take you through a soul-searching trip that will have you looking into the nature and essence of your relationship, to find gentle solutions for most of the problems you may be experiencing with your partner. Every successful relationship, despite its uniqueness, credits its success to the same principles, consideration, understanding, a willingness to try, positivity, consistent support, compromise, and a deep friendship. That is a practical book with real-life examples and case studies, questionnaires, and exercises for you to implement alone or with your partner. Apply the principles I have shared in this couple's guide and fully commit to incorporating them in your day-to-day life and your relationship, no matter how difficult or how far out of your comfort zone the exercises may feel. If you feel an internal resistance, it should be a sign that you are making progress; change never comes easy, but it is always worth it! That way, you will receive amazing results! Encourage your significant other to join you on this journey, and with effort on both your parts, you will give birth to a healthy relationship that will make both of you feel confident and supported, not just for a moment, but possibly for eternity. What will you discover in this book? How to Say I Love You; Develop Positive Habit of Saying I Love You? Making Time with your Partner; Difference Between Making Sex and Love; The Best Time to Show your Love is During a Conflict; The Five Stages that let you Take in Love; Why Emotional Intimacy is the key to a Happy Relationship and Couples Communication; How Could you get to the Deepest level of Emotional Intimacy with your Partner; What Determines Happiness in a Husband-wife Relationship; Effective Couple Communication Techniques, Tools, and Strategies; Identifying your Personal Needs and Goals as the First and the Most Crucial Step in Building a Long-lasting Relationship; How to Transform your Personal Negative Beliefs and Attitudes; Simple and Effective Ways to Make the Desired Changes Happen; Remember, you and your partner can work through just about anything as long as you are both willing to try, apply the same kind of effort, and refrain from destroying each other or yourselves. At the very core, most relationships, despite their uniqueness, are successful for the same reasons, and in this couple's workbook, I seek to share those principles and approaches with you. ?? Enjoy this journey of creating a fulfilling relationship! Are you Ready? ? Scroll Up and Click the "Add To Cart And Buy Now" Button to Get Your Book!

A-level Physics Complete Guide (Concise) (Yellowreef)

Mobile Robots

Grab the Tiger by the Tail

A-level Physics Complete Yearly Solutions 2012 (Yellowreef)

Modern Steam Practice, Engineering and Electricity

Better Health through Spiritual Practices: A Guide to Religious Behaviors and Perspectives that Benefit Mind and Body

The use of energy it is argued started about two million years ago when humans started cooking their food using firewood. As humans developed new skills with increased activities, energy interaction and usage emerged. Energy was used not only for domestic functions but also for space applications. With industrialization, humans realized that energy was needed to move machines and do other things as well. In this quest, and without understanding the consequences of using fossil fuels extensively, many problems arose. Researchers in energy embarked on a journey to study different forms of energy. To understand different needs, researchers have tried to come up with ways in which small-scale energy harvesting can be adapted to different needs that do not require heavy-duty energy production. This book attempts to present a number of ideas regarding a few selected small-scale energy harvesting methods and techniques as well as theories and products that may be helpful in improving the quality of life. Some of the new products are still in the prototype stage, while others are already being utilized. Many researchers in small-scale energy harvesting and those aspiring to follow this path of research will find this book not only motivating but also a useful guide in their endeavors.

Written by experienced teacher and author Mike Benn, this student guide for Physics: · Helps you identify what you need to know with a concise summary of the content examined in the AS and A-level specifications · Consolidates understanding with exam tips and knowledge check questions · Provides opportunities to improve exam technique with sample answers to exam-style questions · Develops independent learning and research skills · Provides the content for generating individual revision notes

A Practical and Concise Introduction to Agency Life The PR Agency Handbook guides students through the day-to-day operations of a professional PR agency and offers best practices for creating a successful career in the industry. Authors Regina Luttrell and Luke Capizzo highlight real-world stories from the field as well as interviews with PR experts to help students bridge the gap between college and professional life. Throughout the book, students are introduced to many of the sub-fields of strategic communication, including traditional public relations and corporate communication, marketing, social media, creative production (print, digital, video, audio), web and user experience design, and search engine optimization (SEO). Students will not only develop a fundamental understanding of the different components found within an agency, but they will also gain an appreciation for the positive impact that excellent agency work can have on organizations. Bundle and save! A perfect companion text for your Public Relations Writing or Campaigns course, we've made it easy for your students to get Public Relations Campaigns all in one convenient package at a student-friendly price. When bundled with The PR Agency Handbook, students receive a 20% discount off the total price. Use Bundle ISBN: 9781544338033 Available with Perusall—an eBook that makes it easier to prepare for class Perusall is an award-winning eBook platform featuring social annotation tools that allow students and instructors to collaboratively mark up and discuss their SAGE textbook. Backed by research and supported by technological innovations developed at Harvard University, this process of learning through collaborative annotation keeps your students engaged and makes teaching easier and more effective. Learn more.

The PR Agency Handbook

Official Gazette of the United States Patent Office

A Practical Guide to Their Construction and Use

Fraud Resistance and Detection

Hawkins Electrical Guide

Domestic electricity for amateurs, tr., with additions, by C.J. Wharton

Exam Board: CCEA Level: A-level Subject: Physics First Teaching: September 2016 First Exam: June 2018 Reinforce students' understanding throughout their course; clear topic summaries with sample questions and answers will improve exam technique to achieve higher grades. Written by examiners and teachers, Student Guides: · Help students identify what they need to know with a concise summary of the topics examined in the AS and A-level specification · Consolidate understanding with exam tips and knowledge check questions · Provide opportunities to improve exam technique with sample graded answers to exam-style questions · Develop independent learning and research skills · Provide the content for generating individual revision notes Supercharge your understanding of battery technology Ideal for hobbyists and engineers alike, The TAB Battery Book: An In-Depth Guide to Construction Design and Use offers comprehensive coverage of these portable energy powerhouses. This practical guide discusses battery chemistry and engineering, how batteries are used, and the history of batteries. You'll find out how different types of batteries work and how to select the right battery for any application. The book also examines the technological advances being used to develop batteries as robust energy sources for a wide variety of devices. Tap into the power of all kinds of batteries with help from this detailed resource. Coverage includes: Portable energy and long-term energy storage Batteries for portable consumer demands, medical devices, electric vehicles, large-scale electrical energy storage, and space and military applications Basic physics and chemistry The science of batteries--cells, electrochemistry, thermodynamics, kinetics, and capacity Battery engineering designs, including electrode, seal, and vent design Battery performance, reliability, and safety Primary battery technologies--aqueous and non-aqueous electrolytes, including alkaline and lithium Rechargeable batteries, including nickel-metal hydride and lithium ion Selecting the right battery for any application Future technologies, such as thin-film, large-energy storage, and high-energy density batteries Make Great Stuff! TAB, an imprint of McGraw-Hill Professional, is a leading publisher of DIY technology books for makers, hackers, and electronics hobbyists.

An in-depth examination of religious practices around the world and the fascinating science behind how they make us healthier. • Features the contributions of international scholars from around the globe • Contains content across disciplines, including health, psychology, and theology • Provides characterization of Eastern and Western religious ideologies and perspectives and explains how these orientations may influence lifestyle practices and impact health behavior • Discusses Eastern, Western, agnostic, and atheistic belief systems • Describes more than 10 religious perspectives and their practices

Microwave Antenna Theory and Design

A Guide for Oil and Gas Industries

A Reference Book for Practicing Engineers and Students of Engineering

A Guide to Deeper Connection, Intimacy, and Trust for All Couples!

CCEA AS Physics Student Unit Guide: Unit 1 Forces, Energy and Electricity

A Short Guide to Fraud Risk is for: * anyone who needs to better understand fraud risks, either company-wide, or in a specific business unit; * directors and managers who would like to add value by building fraud resistance into their organization and to demonstrate to shareholders, regulators or other stakeholders that they are managing fraud risks, rather than just reacting to incidents; * regulators, auditors and compliance professionals who need to assess the effectiveness of an organisation's fraud prevention measures. The book gives a concise but thorough introduction to the risk of fraud based on a six-element strategy. It includes practical steps to assess and treat fraud risks across an organisation, including those relating to executive directors. It also provides practical steps to develop fraud awareness across an organisation and how to implement an effective fraud detection and incident management program. The application of the principles is illustrated with example documents and numerous case studies aimed at assisting the reader to implement either individual elements or a complete fraud risk management strategy. "Electric Bells and All About Them: A Practical Book for Practical Men" by Selimo Romeo Bottone. Published by Good Press. Good Press publishes a wide range of titles that encompasses every genre. From well-known classics & literary fiction and non-fiction to forgotten-or yet undiscovered gems-of world literature, we issue the books that need to be read. Each Good Press edition has been meticulously edited and formatted to boost readability for all e-readers and devices. Our goal is to produce eBooks that are user-friendly and accessible to everyone in a high-quality digital format.

Written by a senior examiner, Mike Benn, this Edexcel AS Physics Student Unit Guide is the essential study companion for Unit 2: Physics at Work. This full-colour book includes all you need to know to prepare for your unit exam: clear guidance on the content of the unit, with topic summaries, knowledge check questions and a quick-reference index examiner's advice throughout, so you will know what to expect in the exam and will be able to demonstrate the skills required exam-style questions, with graded student responses, so you can see clearly what is required to get a better grade

McGraw-Hill Circuit Encyclopedia and Troubleshooting Guide

Electric Bells and All About Them: A Practical Book for Practical Men

A Simple, Practical Pocket Guide on the Construction, Operation, Maintenance, and Testing of Primary Batteries for Automobile, Motorboat, and Stationary Engine Ignition Service

Electric Primary Batteries

Edexcel AS Physics Student Unit Guide: Unit 2 Physics at Work

Excerpt from Hawkins Electrical Guide: Number 6; Questions, Answers and Illustrations; A Progressive Course of Study for Engineers, Electricians, Students and Those Desiring to Acquire a Working Knowledge of Electricity and Its Applications; A Practical Treatise Where used - kinds of converter - A. I. E. E. Classification - rotary converters - operation speed principles relation between input and output pressures - single and poly phase types - advantage of polyphase converters - armature connections of polyphase converter - pressure relation voltage variation-advantage of unity power factor - effect of field too strong - compounding of rotary converters. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works."

The Most Innovative Look into Memory Improvement in Decades Times have changed. With so much information coming at us, you don't have a lot of time to spend on old and outdated techniques that require a lot of time to learn and use. That's why traditional memory books and techniques fail 1. They offer the same set of techniques that have been taught for decades like loci method, memory palace, and peg system. 2. The techniques are complicated and time consuming, so to remember a simple number, you have to create a series of images & stories. 3. They are useful only for a handful of information like lists, which is great for winning memory championships, but not everyday life. This book presents a completely new approach It offers a whole new way of thinking about and improving memory. Memory does not have to be difficult, and this book will show you that it isn't. You will learn practical tips to remember most any information you come across - names, dates, facts, presentations, directions, lists, instructions, conversations, events, experiences, stories, processes, and a whole lot more. How will the ability to remember things you study, conversations you have, and commitments you make affect your life? If you have been struggling with poor memory and want easier ways to improve and sharpen it, don't miss out on the life-changing tips in this book!