

Plantronics Explorer 240 Pairing Guide

ELEMENTARY FLUID MECHANICS BY JOHN K. VENNARD Assistant Professor of Fluid Mechanics New York University. PREFACE: Fluid mechanics is the study under all possible conditions of rest and motion. Its approaches analytical, rational, and mathematical rather than empirical it concerns itself with those basic principles which lead to the solution of numerous diversified problems, and it seeks results which are widely applicable to similar fluid situations and not limited to isolated special cases. Fluid mechanics recognizes no arbitrary boundaries between fields of engineering knowledge but attempts to solve all fluid problems, irrespective of their occurrence or of the characteristics of the fluids involved. This textbook is intended primarily for the beginner who knows the principles of mathematics and mechanics but has had no previous experience with fluid phenomena. The abilities of the average beginner and the tremendous scope of fluid mechanics appear to be in conflict, and the former obviously determine limits beyond which it is not feasible to go these practical limits represent the boundaries of the subject which I have chosen to call elementary fluid mechanics. The apparent conflict between scope of subject and beginner's ability is only along mathematical lines, however, and the physical ideas of fluid mechanics are well within the reach of the beginner in the field.

Holding to the belief that physical concepts are the sine qua non of mechanics, I have sacrificed mathematical rigor and detail in developing physical pictures and in many cases have stated general laws only without numerous exceptions and limitations in order to convey basic ideas such oversimplification is necessary in introducing a new subject to the beginner. Like other courses in mechanics, fluid mechanics must include disciplinary features as well as factual information the beginner must follow theoretical developments, develop imagination in visualizing physical phenomena, and be forced to think his way through problems of theory and application. The text attempts to attain these objectives in the following ways omission of subsidiary conclusions is designed to encourage the student to come to some conclusions by himself application of bare principles to specific problems should develop ingenuity illustrative problems are included to assist in overcoming numerical difficulties and many numerical problems for the student to solve are intended not only to develop ingenuity but to show practical applications as well. Presentation of the subject begins with a discussion of fundamentals, physical properties and fluid statics. Frictionless flow is then discussed to bring out the applications of the principles of conservation of mass and energy, and of impulse-momentum law, to fluid motion. The principles of similarity and dimensional analysis are next taken up so that these principles may be used as tools in later developments. Frictional processes are discussed in a semi-quantitative fashion, and the text proceeds to pipe and open-channel flow. A chapter is devoted to the principles and apparatus for fluid measurements, and the text ends with an elementary treatment of flow about immersed objects.

The difference between seeing and looking is essential—much like the difference, in music, between hearing and listening. In Creative Visualization, master photographer, photo educator and photo instructor Rick Sammon presents his proven methodology for creative digital photography. His signature inspiring and motivating approach opens creative avenues for photographers in a variety of genres. With easy-to-follow examples, Sammon shows you how simple changes—with visualization, composition, post-processing, and more—can mean the difference between a snapshot and a great shot. This book, illustrated with more than 300 of Rick's photographs, includes invaluable information about exposure, composition, subject choice, lighting, mood, and depth. In the Food for Thought section, Rick offers guidelines for setting goals, getting motivated, connecting with a subject, learning, painting with light, thinking like a painter and more. In Develop Your Creative Vision, Rick takes you on an exploration of composition, exposure, making images with impact, creating a mood, altering reality, and pursuing your passion. Corrective and creative image processing techniques, as well as HDR, EDR, panoramas and black-and-white imaging, are covered in the Image Processing Specialties section. Rick also shares a chapter on self-assignments – photo challenges – that you can use to expand your photographic horizons. Canon Explorer of Light and master photographer Rick Sammon shares the secrets behind learning to see photographically, to make the necessary changes that will have a noticeable impact on your photographs Includes easy-to-follow instruction for post-processing techniques in Lightroom and Photoshop. Tips for making the best HDR and EDR images are also included, as well as illustrations of how plug-ins can help photographers awaken the artist within. Uses clear, visual examples of "photo failures" photographs side-by-side with successful ones, outlining the small, but important changes—to composition, framing, exposure, etc.—that can immediately make a significant difference

Data Science is booming thanks to R and Python, but Java brings the robustness, convenience, and ability to scale critical to today's data science applications. With this practical book, Java software engineers looking to add data science skills will take a logical journey through the data science pipeline. Author Michael Brzustowicz explains the basic math theory behind each step of the data science process, as well as how to apply these concepts with Java. You'll learn the critical roles that data IO, linear algebra, statistics, data operations, learning and prediction, and Hadoop MapReduce play in the process. Throughout this book, you'll find code examples you can use in your applications. Examine methods for obtaining, cleaning, and arranging data into its purest form Understand the matrix structure that your data should take Learn basic concepts for testing the origin and validity of data Transform your data into stable and usable numerical values Understand supervised and unsupervised learning algorithms, and methods for evaluating their success Get up and running with MapReduce, using customized components suitable for data science algorithms

Want to dictate up to 5000 WORDS an hour? Want to do it with 99% ACCURACY from the day you start? NEW EDITION: UPDATED to cover the latest Dragon Professional Individual v15 for PC & v6 for Mac FREE video training included! As writers, we all know what an incredible tool dictation software can be. It enables us to write faster and avoid

graduate students, before they delve into more specialized volumes. Assuming background knowledge at the level of a physics major, the textbook develops astrophysics from the basics without requiring any previous study in astronomy or astrophysics. Physical concepts, mathematical derivations and observational data are combined in a balanced way to provide a unified treatment. Topics such as general relativity and plasma physics, which are not usually covered in physics courses but used extensively in astrophysics, are developed from first principles. While the emphasis is on developing the fundamentals thoroughly, recent important discoveries are highlighted at every stage.

A twelve-year-old girl and a veterinarian, who wears a black tricorne and a gold earring, nurse an injured tern they find in New York's Battery Park.

'Janey is like a whirlwind of selflessness. A beautiful spirit in a beautiful country doing a beautiful thing. I encourage my children to be more 'Janey'. With more positive spirits like Janey, the world would be a better place.' - Ben Fogle In 2014 and in her mid-twenties, Janey Lowes had been a vet for just two years when she left her home in County Durham and went travelling. Visiting Sri Lanka, she was horrified to see the state of so many of the island's dogs, in particular the three million strays. Over 5,000 miles from home, Janey decided there and then that she was going to move to the island indefinitely and do everything within her power to help them. She raised £10,000 to get started, setting up a charity called WECare Worldwide, and began work. Frightened, determined and excited all at the same time, she found a local who was willing to work with her and began scouring the streets for dogs in need. Some she patched up as best she could at the roadside, others she brought back and treated in a make-shift surgery she had cobbled together in her new home. With very little equipment, she and her small team came up with new and ingenious ways to treat the animals. In this highly inspiring and heartfelt book full of challenges and adventure, Janey introduces us to her world and the tireless work she carries out. As she says, 'I feel as though all these dogs are my dogs and I have a responsibility to them.' In it, we meet many of the colourful characters who have come to offer help, along with innumerable street dogs who have suffered all sorts of trauma and injury, only to be scooped up by Janey and her team and saved.

This soup-to-nuts collection of recipes covers everything you need to know to perform your job as a Linux network administrator, whether you're new to the job or have years of experience. With Linux Networking Cookbook, you'll dive straight into the gnarly hands-on work of building and maintaining a computer network. Running a network doesn't mean you have all the answers. Networking is a complex subject with reams of reference material that's difficult to keep straight, much less remember. If you want a book that lays out the steps for specific tasks, that clearly explains the commands and configurations, and does not tax your patience with endless ramblings and meanderings into theory and obscure RFCs, this is the book for you. You will find recipes for: Building a gateway, firewall, and wireless access point on a Linux network Building a VoIP server with Asterisk Secure remote administration with SSH Building secure VPNs with OpenVPN, and a Linux PPTP VPN server Single sign-on with Samba for mixed Linux/Windows LANs Centralized network directory with OpenLDAP Network monitoring with Nagios or MRTG Getting acquainted with IPv6 Setting up hands-free networks installations of new systems Linux system administration via serial console And a lot more. Each recipe includes a clear, hands-on solution with tested code, plus a discussion on why it works. When you need to solve a network problem without delay, and don't have the time or patience to comb through reference books or the Web for answers, Linux Networking Cookbook gives you exactly what you need.

Turn your Raspberry Pi into a secret agent toolbox with this set of exciting projects About This Book Turn your Raspberry Pi into a multi-purpose secret agent gadget for audio and video surveillance, Wi-Fi exploration, or playing pranks on your friends Detect an intruder on camera or with sensors and set off an alarm or receive messages to your phone Find out what the other computers on your network are up to and make yourself anonymous on the Internet This book has been updated for new additions to your toolkit featuring the tiny, recently released Raspberry Pi Zero board Who This Book Is For This book is for those who are new to the Raspberry Pi Zero ,Raspberry Pi 2 or Raspberry Pi 3 and have some experience with the original Raspberry Pi models, and even for those budding secret agents who would like to use Pi Zero as a secret agent toolbox. No programming experience is assumed. Suitable for the novice and expert alike, each topic provides a fast and easy way to get started with exciting applications, with practical examples in every chapter. What You Will Learn Install and configure the Raspbian Jessie operating system for maximum mischief Detect an intruder with motion detection or a laser trip wire and set off an alarm Listen in to conversations from a distance over Bluetooth Distort your voice in weird and wonderful ways Track the Pi's whereabouts using GPS Connect your Pi to the mobile Internet using a 3G dongle and make yourself anonymous on the net Display secret messages and codes to fellow agents on a LED display In Detail This book is for all mischievous Raspberry Pi owners who'd like to see their computer transform into a neat spy gadget to be used in a series of practical pranks and projects. No previous skills are required to follow along, and if you're completely new to Linux, you'll pick up much of the basics for free. We'll help you set up your Raspberry Pi Zero , Raspberry Pi 2 and Raspberry Pi 3 and guide you through a number of pranks and secret agent techniques that are so inconspicuous yet high on mischief. You'll learn how to configure your operating system for maximum mischief and start exploring audio, video, or Wi-Fi techniques. We'll show you how to record, listen, or talk to people from a distance and how to set up your own phone network. Then, you'll plug in your webcam and set up a motion detector with an alarm and find out what the other computers on your Wi-Fi network are up to. Once you've mastered the techniques, we'll combine them with a battery pack and GPS for the ultimate off-road spy kit. Style and Approach This easy-to-follow guide is for budding secret agents who want to create tools for mischief, stealth, and reconnaissance. It's full of fun, practical examples and easy-to-follow recipes, guaranteeing maximum mischief for all skill levels.

This text provides thorough, practical coverage of fundamental principles of imaging, designed to ensure that readers grasp the information they need to produce high-quality images in the clinical setting. Features such as Practical Tips, Important Relationships, and Mathematical Solutions are presented throughout the text as appropriate and listed in the appendixes for quick reference. Additional features that set the book apart include more coverage of computed radiography and film processing, and unique film critique sections in relevant chapters. Radiographic Imaging and Exposure, 2nd Edition provides a superior presentation of imaging and exposure. Instructor resources are available; please contact your Elsevier sales representative for details.

All his life, Chris Butsch lived on the fast track to success. Go to school, get good grades, get a job, profit. That's how it works, right? So he thought, until he was diagnosed with clinical depression in his early twenties. Determined to find a long-term cure, Chris began a worldwide quest to conquer the plague of unhappiness blanketing the Millennial generation. On the way, Chris interviewed hundreds of psychologists, swamis, millionaires, monks, and Millennials from thirty-one different countries, devouring decades of positive psychology research as he went. Eager to share his discoveries, Chris walks readers through the essentials of building a happy life: Discerning the difference between true happiness vs. fleeting pleasures; Tailoring your environment for optimum performance through improved sleeping habits and exercise goals; Optimizing focus and gray matter through meditation and mindfulness. With wit, humor, and charm, Chris artfully captures the struggle of Millennials nationwide while crafting intelligent, actionable, and science-backed solutions. A must-read for any young person, or anyone trying to make their way in the world, The Millennial's Guide to Making Happiness, Volume I, puts a humorous, personal, and scientific spin on the pursuit of happiness.

What happens when people turn their everyday experience into data: an introduction to the essential ideas and key challenges of self-tracking. People keep track. In the eighteenth century, Benjamin Franklin kept charts of time spent and virtues lived up to. Today, people use technology to self-track: hours slept, steps taken, calories consumed, medications administered. Ninety million wearable sensors were shipped in 2014 to help us gather data about our lives. This book examines how people record, analyze, and reflect on this data, looking at the tools they use and the communities they become part of. Gina

Neff and Dawn Nafus describe what happens when people turn their everyday experience—in particular, health and wellness-related experience—into data, and offer an introduction to the essential ideas and key challenges of using these technologies. They consider self-tracking as a social and cultural phenomenon, describing not only the use of data as a kind of mirror of the self but also how this enables people to connect to, and learn from, others. Neff and Nafus consider what's at stake: who wants our data and why; the practices of serious self-tracking enthusiasts; the design of commercial self-tracking technology; and how self-tracking can fill gaps in the healthcare system. Today, no one can lead an entirely untracked life. Neff and Nafus show us how to use data in a way that empowers and educates. When you speak of Cannabis or Medical Marijuana publications, most people think of horticulture, mother plants, clones, grow mediums, making hash, etc. In actuality this book is a cookbook filled with info and delicious food that will hopefully empower those who use Cannabis for therapeutic necessity. Prior to 1937's war on drugs, Cannabis was seen and used as actual medicine due to it's many medicinal properties. The history of Cannabis usage dates back thousands of years. It was even a major part of many cultures and religious practices. Cannabis is a safe and effective treatment for numerous ailments such as cancer, asthma, HIV/AIDS, multiple sclerosis, chronic pain, migraines, glaucoma, epilepsy and the list goes on! Cannabis can treat many diseases and conditions safely without life threatening side effects. World wide, thousands of deaths have occurred due to prescribing the wrong drug or overdosing on a prescription drug. Cannabis is even less toxic than aspirin!

Here it is - The Amazon Echo Spot User Manual that should have come in the box! BONUS - Sign up to our free monthly newsletter and never miss news, views, tips and tricks of your favorite streaming media devices, including the Amazon Echo Spot. From the Number 1 Best Selling authors in Computers and Technology, this clear and concise guide will show you how to get the very best from your new Amazon Echo Spot. Step by step instructions will take you from newbie to expert in just one hour! About the Authors: Tom and Jenna Edwards are the Amazon Tech authors behind the Number 1 Best-selling e-books 250+ Best Kindle Fire & Fire HD Apps and All-New Fire 7 User Guide: Newbie to Expert in 2 Hours!

"RELENTLESSLY FUNNY . . . BARRY SHINES." --People A self-professed computer geek who actually does Windows 95, bestselling humorist Dave Barry takes us on a hilarious hard drive via the information superhighway--and into the very heart of cyberspace, asking the provocative question: If God had wanted us to be concise, why give us so many fonts? Inside you'll find juicy bytes on How to Buy and Set Up a Computer; Step One: Get Valium Nerdstock in the Desert; Or: Bill Gates Is Elvis Software: Making Your Computer Come Alive So It Can Attack You Word Processing: How to Press an Enormous Number of Keys Without Ever Actually Writing Anything Selected Web Sites, including Cursing in Swedish, Deformed Frog Pictures, and The Toilets of Melbourne, Australia And much, much more! "VERY FUNNY . . . After a day spent staring at a computer monitor, think of the book as a kind of screen saver for your brain." --New York Times Book Review

'Because of his baldness and hairiness, he announced it was a capital offence for anyone either to look down on him as he passed or to mention goats in any context.' The biography of the brutal, crazed and incestuous Roman Emperor Caligula, who tried to appoint his own horse consul. Introducing Little Black Classics: 80 books for Penguin's 80th birthday. Little Black Classics celebrate the huge range and diversity of Penguin Classics, with books from around the world and across many centuries. They take us from a balloon ride over Victorian London to a garden of blossom in Japan, from Tierra del Fuego to 16th-century California and the Russian steppe. Here are stories lyrical and savage; poems epic and intimate; essays satirical and inspirational; and ideas that have shaped the lives of millions. Gaius Suetonius Tranquillus (c.70-130 CE). Suetonius's The Twelve Caesars is also available in Penguin Classics.

Organization and Management is an introduction to theories and contemporary practice in cross-border business management. The book reviews the practice of management where a home-market approach no longer achieves and sustains success in an increasingly competitive global environment. Readers will learn about the experiences of companies in many industries operating in countries such as Argentina, China, Britain, France, Germany, India, the Netherlands, Poland, and the United States. This book is designed for students taking introductory courses in organization, and international management. Through carefully developed case studies, exercises, and integrated text material, this book bridges theory and practice. The full colour layout of the book supports self-study, as well as group study and team work.

Jones and George are dedicated to the challenge of "Making It Real" for students. As a team, they are uniquely qualified to write about the organizational challenges facing today's managers. No other author team in the management discipline matches their combined research and text-writing experience. Essentials of Management concisely surveys current management theories and research. Through a variety of real world examples from small, medium, and large companies the reader learns how those ideas are used by practicing managers. The organization of this text follows the mainstream functional approach of planning, organizing, leading, and controlling; but the content is flexible and encourages instructors to use the organization they are most comfortable with. The themes of diversity, ethics, and information technology are clearly evident through in-text examples, photographs, "unboxed" stories, and the end-of-chapter material - all areas of importance that truly serve to bring to life the workplace realities that today's student will encounter in the course of a career.

Teaching Online: A Practical Guide is a practical, concise guide for educators teaching online. This updated edition has been fully revamped and reflects important changes that have occurred since the second edition's publication. A leader in the online field, this best-selling resource maintains its reader friendly tone and offers exceptional practical advice, new teaching examples, faculty interviews, and an updated resource section. New to this edition: new chapter on how faculty and instructional designers can work collaboratively expanded chapter on Open Educational Resources, copyright, and intellectual property more international relevance, with global examples and interviews with

faculty in a wide variety of regions new interactive Companion Website that invites readers to post questions to the author, offers real-life case studies submitted by users, and includes an updated, online version of the resource section. Focusing on the "how" and "whys" of implementation rather than theory, this text is a must-have resource for anyone teaching online or for students enrolled in Distance Learning and Educational Technology Masters Programs.

Elementary Fluid Mechanics Read Books Ltd

Wanted to know the truth about the Government? This is the book to read. Get the truth from a fellow NSA agent and a FBI agent. You will get no closer to the source than these two men. Get the truth so we as a nation can be set free. Let freedom ring.

Marketing That Works introduces breakthrough marketing tools, tactics, and strategies for differentiating yourself around key competencies, insulating against competitive pressures, and driving higher, more sustainable profits. From pricing to PR, advertising to viral marketing, this book's techniques are relentlessly entrepreneurial: designed to deliver results fast, with limited financial resources and staff support. They draw on the authors' decades of research and consulting, their cutting-edge work in Wharton's legendary Entrepreneurial Marketing classes, and their exclusive new survey of the Inc. 500's fastest-growing companies. Whether you're launching a startup or working inside a huge global enterprise, this will help you optimize every marketing investment you make. You'll learn how to target the right customer, deliver the right added value, and make sure your customers will pay a premium for it—now, and for years to come. Build the foundation for extraordinary profit Discover faster, smarter techniques for positioning, targeting, and segmentation Drive entrepreneurial attitude throughout all your marketing functions Master entrepreneurial pricing, advertising, sales management, promotion—and even hiring Maximize the value of all your stakeholder relationships Profit by marketing to investors, intermediaries, employees, partners, and users Generate, screen, and develop better product ideas Engage combat on the right battlefields Launch new products to maximize their lifetime profitability Stage the winning rollout: from fixing bugs to gaining reference accounts Every dime you spend on marketing needs to work harder, smarter, faster. Every dime must differentiate your company based on your most valuable competencies. Every dime must protect you against competitors and commoditization. Every dime must drive higher profits this quarter, and help sustain profitability far into the future. Are your marketing investments doing all that? If not, get Marketing That Works –and read it today. Includes online access to state-of-the-art marketing allocation software!

Stop typing and get more done with Dragon Professional Individual voice recognition software Tired of typing, but afraid to take the leap into voice recognition software? No problem! Dragon Professional Individual For Dummies, 5th Edition gives you a great overview of the industry-leading speech recognition software so you can start talking instead of typing in no time at all. With this easy-to-use guide, you'll quickly find out how to use Professional Individual to open documents, write emails and notes, update your Facebook status, and much more. The book includes everything you need to get started, from launching the software and basic dictating to controlling your desktop by voice, and tips for improving accuracy. Available for both Windows and Mac, Dragon Professional Individual is the gold standard for home and professional voice recognition software. Easy to use and much more efficient than typing, the software can take your productivity to the next level. Get an introduction to everything you'll need to know to get started with Dragon Professional Individual voice recognition software Find out how to access documents, write emails, and even update your Facebook status with nothing more than your voice Includes the most updated information on the latest version of the software Offers information for programmers and developers who want to use the software for mobile app development Dragon Professional Individual For Dummies, 5th Edition is your go-to resource to get up and running with this great voice recognition software in no time.

Prepare for a world of compound innovation which blends 3, 5, 10 strands of infotech, greentech, biotech and healthtech to solve the "Grand Challenges" our world faces-and the more routine ones. Polymath is the Greek word for a Renaissance person like Leonardo Da Vinci or Ben Franklin who excels in many disciplines. The New Polymath is an enterprise which has learned to amalgamate 3, 5, 10 strands of technology-infotech, cleantech, healthtech, nanotech, biotech-to create compound new products and to innovate internal processes. Anchors around case studies on innovations and creative.

Emergency medicine attendings who wish to hone their teachingskills can find a number of books on educational strategies writtenby physicians from other disciplines. However, until thepublication of the first edition of this book, they did not haveaccess to a text written by emergency medicine physicians onmethods of teaching that are directly applicable to teaching EM.This book was compiled to meet that need. Following the introductory section, which provides importantbackground information, the book's contents are organizedinto 4 sections that correspond to the core needs and interests ofEM educators: Section 2 focuses on practical and ethicalconsiderations of teaching in the ED; Section 3 provides strategiesfor teaching specific groups of learners; Section 4 looks at theskills that are characteristic of the best EM educators; andSection 5 looks indepthly at specific teaching techniques andstrategies. Now more than ever this book addresses the needs of physicianeducators from all over the world. New chapters discuss lecturingto an international audience; using simulation as a teaching tool;how to make journal club work for you, and other topics that are ofbroad interest to medical educators in this field. Ingeneral, each chapter has been updated and reviewed to make surethe content was something that emergency physician educators coulduse in any country . The chapter contributors are widely regarded as leaders in thefield of emergency medicine education and faculty development.Authors were given free rein to develop their chapters and write intheir own style. They were asked to present their personal views onhow to successfully teach the art of emergency medicine, ratherthan review evidence-based guidelines regarding medical education.As a result, most of the chapters have few references. Thisfirst-person approach to a multi-authored textbook yields a compilation that varies in style from chapter to chapter andexposes the reader to a variety of communication techniques.

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