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Samsul Ariffin Abdul Karim

**Multimedia Kits** Teacher Created Materials Inc,2001-05

Girl Pilot Emmelle Books,2019-05-11 6x9 Lined Notebook for Pilots, Student Pilots and Aviation Geeks, 120 pages

**Scientific Knowledge as a Culture** Igal Galili,2022-02-01 This book, in its first part, contains units of conceptual history of several topics of physics based on the research in physics education and research based articles with regard to several topics involved in teaching science in general and physics in particular. The second part of the book includes the framework used, the approach considering science knowledge as a special type of culture – discipline-culture. Within this approach, scientific knowledge is considered as comprised of a few inclusive fundamental theories each hierarchically structured in a triadic pattern: nucleus-body-periphery. While nucleus incorporates the basic principles and body comprises their implementations in the variety of laws, models, and experiments, periphery includes concepts at odds to the nucleus. This structure introduces knowledge in its conceptual variation thus converting disciplinary knowledge to cultural-disciplinary one. The approach draws on history and philosophy of science (HPS) necessary for meaningful learning of science. It is exemplified in several aspects regarding teaching physics, presenting history in classes, considering the special nature of science, and using artistic images in regular teaching. The revealed conceptual debate around the chosen topics clarifies the subject matter for school students and teachers encouraging construction of Cultural Content Knowledge. Often missed in teachers' preparation and common curriculum it helps genuine understanding of science thus providing remedy of students' misconceptions reported in educational research.

**Airplanes** Weldon Owen,2008-06-03 Get ready for take-off with dynamic and colorful airplanes! These exciting photographs show off huge passenger jets, cargo planes, gliders, and many other amazing airplanes. Meet the pilots, visit the airport, and marvel at breathtaking aerobatics and air races. Catch all kinds of planes in action high up in the sky--it's up, up, and away!

21st Century Homestead: Sustainable Agriculture I Marlon Henkel,2015

Computer Vision and Machine Intelligence in Medical Image Analysis Mousumi Gupta,Debanjan Konar,Siddhartha Bhattacharyya,Sambhunath Biswas,2019-08-28 This book includes high-quality papers presented at the Symposium 2019, organised by Sikkim Manipal Institute of Technology (SMIT), in Sikkim from 26–27 February 2019. It discusses common research problems and challenges in medical image analysis, such as deep learning methods. It also discusses how these theories can be applied to a broad range of application areas, including lung and chest x-ray, breast CAD, microscopy and pathology. The studies included mainly focus on the detection of events from biomedical signals.

*Primary Sources: United States Foreign Policy Kit* William Seckington,2010-07-14 Primary Sources help teachers integrate authentic resources into the classroom. Primary sources capture students' curiosity about the past, so they naturally begin to use critical thinking to analyze historical events. This kit uses original documents and photographs to help students step into the world of American diplomatic relations. From the Monroe Doctrine and Washington's Farewell address to modern-day environmental policies, students will examine the decisions and strategies that changed the course of history and shaped today's world. United States Foreign Policy kit includes: Eight Photograph Cards including Aerial Photograph of Cuban Missile Sites; NAFTA Signing; Demonstrators at the Climate Change Conference in Copenhagen; and more; Eight Primary Sources including Front Page of the New York Times Announcing the Atomic Bomb Drop on Hiroshima; George Washington's Farewell Address; United States Collective Defense Arrangements Map, 1967; and more; Teacher's Guide including lesson plans, student activities, and document-based assessments; and Digital resources including student reproducibles and additional primary sources.

**Switching to the Mac: The Missing Manual, Leopard Edition** David Pogue,2008-02-26 Is Windows giving you pause? Ready to make the leap to the Mac instead? There has never been a better time to switch from Windows to Mac, and this incomparable guide will help you make a smooth transition. New York Times columnist and Missing Manuals creator David Pogue gets you past three challenges: transferring your stuff, assembling Mac programs so you can do what you did with Windows, and learning your way around Mac OS X. Why is this such a good time to switch? Upgrading from one version of Windows to another used to be simple. But now there's Windows Vista, a veritable resource hog that forces you to relearn everything. Learning a Mac is not a piece of cake, but once you do, the rewards are oh-so-much better. No viruses, worms or spyware. No questionable firewalls, inefficient permissions, or other strange features. Just a beautiful machine with a thoroughly reliable system. And if you're still using Windows XP, we've got you covered, too. If you're ready to take on Mac OS X Leopard, the latest edition of this bestselling guide tells you everything you need to know: Transferring your stuff -- Moving photos, MP3s, and Microsoft Office documents is the easy part. This book gets you through the tricky things: extracting your email, address book, calendar, Web bookmarks, buddy list, desktop pictures, and MP3 files. Re-creating your software suite -- Big-name programs (Word, Photoshop, Firefox,

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Photoshop For Right-Brainers Al Ward,2009-03-09 Learn how to tap into the creative part of your brain to create amazing digital art in Photoshop CS4. This exciting, full-color guide is designed especially for artists and photographers who want to harness the thrilling potential of the new release of Photoshop. You'll go beyond cookie-cutter techniques and discover unique ideas for creative expression so you can create melting landscapes, perform face lifts, and find other lesser-known effects. Timesaving techniques allow you to devote more time to the creative process. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

**Professional iOS Programming** Peter van de Put,2013-11-20 Hands-on guidance for programming the next generation of iOS apps If you want to create advanced level iOS apps that get noticed in the App Store, start with this expert book. Written by an international software developer and consultant who has delivered winning solutions for clients all over the world, this professional guide helps you build robust, professional iOS apps at a level that satisfies the demands of clients, companies, and your own creativity. The book includes full source code and invaluable insight from the author's extensive experience. Especially helpful are numerous case studies that shed light on key topics. Explores all topics necessary to help you build professional iOS applications perfectly targeted to clients' needs Covers essential topics including creating a professional UI, networking and data processing, integrating your app, and taking it into production Includes sample code and sample apps, ideal for hands-on learning Examines using social media aggregators, real-time currency converters, QR scanners, customer tracking and quality payment system Provides in-depth examples from the author's extensive career, as well as numerous case studies Take your programming skills to an advanced level with Professional iOS Programming.

**Machine Learning with Apache Spark Quick Start Guide** Jillur Quddus,2018-12-26 Combine advanced analytics including Machine Learning, Deep Learning Neural Networks and Natural Language Processing with modern scalable technologies including Apache Spark to derive actionable insights from Big Data in real-time Key FeaturesMake a hands-on start in the fields of Big Data, Distributed Technologies and Machine LearningLearn how to design, develop and interpret the results of common Machine Learning algorithmsUncover hidden patterns in your data in order to derive real actionable insights and business valueBook Description Every person and every organization in the world manages data, whether they realize it or not. Data is used to describe the world around us and can be used for almost any purpose, from analyzing consumer habits to fighting disease and serious organized crime. Ultimately, we manage data in order to derive value from it, and many organizations around the world have traditionally invested in technology to help process their data faster and more efficiently. But we now live in an interconnected world driven by mass data creation and consumption where data is no longer rows and columns restricted to a spreadsheet, but an organic and evolving asset in its own right. With this realization comes major challenges for organizations: how do we manage the sheer size of data being created every second (think not only spreadsheets and databases, but also social media posts, images, videos, music, blogs and so on)? And once we can manage all of this data, how do we derive real value from it? The focus of Machine Learning with Apache Spark is to help us answer these questions in a hands-on manner. We introduce the latest scalable technologies to help us manage and process big data. We then introduce advanced analytical algorithms applied to real-world use cases in order to uncover patterns, derive actionable insights, and learn from this big data. What you will learnUnderstand how Spark fits in the context of the big data ecosystemUnderstand how to deploy and configure a local development environment using Apache SparkUnderstand how to design supervised and unsupervised learning modelsBuild models to perform NLP, deep learning, and cognitive services using Spark ML librariesDesign real-time machine learning pipelines in Apache SparkBecome familiar with advanced techniques for processing a large volume of data by applying machine learning algorithmsWho this book is for This book is aimed at Business Analysts, Data Analysts and Data Scientists who wish to make a hands-on start in order to take advantage of modern Big Data technologies combined with Advanced Analytics.

**Intelligent Computing and Applications** Durbadal Mandal,Rajib Kar,Swagatam Das,Bijaya Ketan Panigrahi,2015-02-23 The idea of the 1st International Conference on Intelligent Computing and Applications (ICICA 2014) is to bring the Research Engineers, Scientists, Industrialists, Scholars and Students together from in and around the globe to present the on-going research activities and hence to encourage research interactions between universities and industries. The conference provides opportunities for the delegates to exchange new ideas, applications and experiences, to establish research relations and to find global partners for future collaboration. The proceedings covers latest progresses in the cutting-edge research on various research areas of Image, Language Processing, Computer Vision and Pattern Recognition, Machine Learning, Data Mining and

Computational Life Sciences, Management of Data including Big Data and Analytics, Distributed and Mobile Systems including Grid and Cloud infrastructure, Information Security and Privacy, VLSI, Electronic Circuits, Power Systems, Antenna, Computational fluid dynamics & Heat transfer, Intelligent Manufacturing, Signal Processing, Intelligent Computing, Soft Computing, Bio-informatics, Bio Computing, Web Security, Privacy and E-Commerce, E-governance, Service Orient Architecture, Data Engineering, Open Systems, Optimization, Communications, Smart wireless and sensor Networks, Smart Antennae, Networking and Information security, Machine Learning, Mobile Computing and Applications, Industrial Automation and MES, Cloud Computing, Green IT, IT for Rural Engineering, Business Computing, Business Intelligence, ICT for Education for solving hard problems, and finally to create awareness about these domains to a wider audience of practitioners.

**Expert Oracle Application Express** Doug Gault,Dimitri Gielis,Martin DSouza,Roel Hartman,Raj Mattamal,Sharon Kennedy,Denes Kubicek,Michael Hichwa,Dan McGhan,John Scott,Anton Nielsen,Francis Mignault,Jorge Rimblas,Nick Buytaert,Karen Cannell,David Peake,Christoph Ruepprich,Tom Petrus,2015-08-20 Expert Oracle Application Express, 2nd Edition is newly updated for APEX 5.0 and brings deep insight from some of the best APEX practitioners in the field today. You'll learn about important features in APEX 5.0, and how those can be applied to make your development work easier and with greater impact on your business. Oracle Application Express (APEX) is an entirely web-based development framework that is built into every edition of Oracle Database. The framework rests upon Oracle's powerful PL/SQL language, enabling power users and developers to rapidly develop applications that easily scale to hundreds, even thousands of concurrent users. APEX has seen meteoric growth and is becoming the tool of choice for ad-hoc application development in the enterprise. The many authors of Expert Oracle Application Express, 2nd Edition build their careers around APEX. They know what it takes to make the product sing—developing secure applications that can be deployed globally to users inside and outside a large enterprise. The authors come together in this book to share some of their deepest and most powerful insights into solving the difficult problems surrounding globalization, configuration and lifecycle management, and more. New in this edition for APEX 5.0 is coverage of Oracle REST Data Services, map integration, jQuery with APEX, and the new Page Designer. You'll learn about debugging and performance, deep secrets to customizing your application user interface, how to secure applications from intrusion, and about deploying globally in multiple languages. Expert Oracle Application Express, 2nd Edition is truly a book that will move you and your skillset a big step towards the apex of Application Express development. Contains all-new content on Oracle REST Data Services, jQuery in APEX, and map integration Addresses globalization and other concerns of enterprise-level development Shows how to customize APEX for your own application needs

**Intelligent Systems Modeling and Simulation II** Samsul Ariffin Abdul Karim,2022-10-12 This book develops a new system of modeling and simulations based on intelligence system. As we are directly moving from Third Industrial Revolution (IR3.0) to Fourth Industrial Revolution (IR4.0), there are many emergence techniques and algorithm that appear in many sciences and engineering branches. Nowadays, most industries are using IR4.0 in their product development as well as to refine their products. These include simulation on oil rig drilling, big data analytics on consumer analytics, fastest algorithm for large-scale numerical simulations and many more. These will save millions of dollar in the operating costs. Without any doubt, mathematics, statistics and computing are well blended to form an intelligent system for simulation and modeling. Motivated by this rapid development, in this book, a total of 41 chapters are contributed by the respective experts. The main scope of the book is to develop a new system of modeling and simulations based on machine learning, neural networks, efficient numerical algorithm and statistical methods. This book is highly suitable for postgraduate students, researchers as well as scientists that have interest in intelligent numerical modeling and simulations.

**Machine Learning with Python Cookbook** Kyle Gallatin,Chris Albon,2023-07-27 This practical guide provides more than 200 self-contained recipes to help you solve machine learning challenges you may encounter in your work. If you're comfortable with Python and its libraries, including pandas and scikit-learn, you'll be able to address specific problems, from loading data to training models and leveraging neural networks. Each recipe in this updated edition includes code that you can copy, paste, and run with a toy dataset to ensure that it works. From there, you can adapt these recipes according to your use case or application. Recipes include a discussion that explains the solution and provides meaningful context. Go beyond theory and concepts by learning the nuts and bolts you need to construct working machine learning applications. You'll find recipes for: Vectors, matrices, and arrays Working with data from CSV, JSON, SQL, databases, cloud storage, and other sources Handling numerical and categorical data, text, images, and dates and times Dimensionality reduction using feature extraction or feature selection Model evaluation and selection Linear and logical regression, trees and forests, and k-nearest neighbors Supporting vector machines (SVM), naïve Bayes, clustering, and tree-based models Saving, loading, and serving trained models from multiple frameworks

**Applied Statistics: From Bivariate Through Multivariate Techniques** Rebecca M. Warner,2013 Rebecca M. Warner's Applied Statistics: From Bivariate Through Multivariate Techniques, Second Edition provides a clear introduction to widely used topics in bivariate and multivariate statistics, including multiple regression, discriminant analysis, MANOVA, factor analysis, and binary logistic regression. The approach is applied and does not

require formal mathematics; equations are accompanied by verbal explanations. Students are asked to think about the meaning of equations. Each chapter presents a complete empirical research example to illustrate the application of a specific method. Although SPSS examples are used throughout the book, the conceptual material will be helpful for users of different programs. Each chapter has a glossary and comprehension questions.

Nicolas Cage compiled from Wikipedia pages and published by DrGoogelberg,

Quality, Reliability, Security and Robustness in Heterogeneous Networks Karan Singh,Amit K. Awasthi,2013-07-04 This book constitutes the thoroughly refereed post-conference proceedings of the 9th International Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness, QShine 2013, which was held in National Capital Region (NCR) of India during January 2013. The 87 revised full papers were carefully selected from 169 submissions and present the recent technological developments in broadband high-speed networks, peer-to-peer networks, and wireless and mobile networks.

**Airplanes: A Planes & Aviation Facts And Picture Book For Children** Bold Kids,2022-03-07 Airplanes are large flying machines that use engines to propel them through the air. They come in many shapes and sizes and are used for various purposes. They are used for transportation, research, and recreation. The Wright brothers were the first to make an airplane and it flew for 12 seconds and 120 feet. Children love to build paper planes and explore the different types of planes. The Wright brothers' invention made it possible for people to fly over the oceans.When the Wright Brothers first made it possible for a motor-powered aircraft to fly, they created history. The plane flew 120 feet in twelve seconds. Their brother Wilbur tried to fly the airplane as well, but was unsuccessful. In 1903, the Wright brothers made history when they made their first motor-powered flight. Their invention was called the Wright Flyer and was the first plane to cross the Atlantic Ocean. The flight was a sensation and the Wright brothers were thrilled. However, Wilbur and Orville were unable to fly successfully.The Wright brothers were fascinated with birds' flight and spent years studying bird bodies. After his breakthrough, Giovanni Borelli proved that human muscles cannot lift the wings of an aeroplane. In 1903, Orville Wright flew the first motor-powered airplane, the Wright Flyer, which flew 120 feet in just twelve seconds. The first flight was a success, but it was not the first. Incredibly, the brothers even had a rough time achieving it.

Picture History of Early Aviation, 1903-1913 Joshua Stoff,1996-01-01 Carefully researched text, lavishly illustrated with over 250 photos, introduce early pioneers of flight: Otto Lilienthal, Samuel Langley, Octave Chanute, Louis Bleriot, the Wright Brothers, many other aviation pioneers.

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