Panasonic Toughbook 34 User Guide

Want to tap the power behind search rankings, product recommendations, social bookmarking, and online matchmaking? This fascinating book demonstrates how you can build Web 2.0 applications to mine the enormous amount of data created by people on the Internet. With the sophisticated algorithms in this book, you can write smart programs to access interesting datasets from other web sites, collect data from users of your own applications, and analyze and understand the data once you've found it. Programming Collective Intelligence takes you into the world of machine learning and statistics, and explains how to draw conclusions about user experience, marketing, personal tastes, and human behavior in general -- all from information that you and others collect every day. Each algorithm is described clearly and concisely with code that can immediately be used on your web site, blog, Wiki, or specialized application. This book explains: Collaborative filtering techniques that enable online retailers to recommend products or media Methods of clustering to detect groups of similar items in a large dataset Search engine features -- crawlers, indexers, query engines, and the PageRank algorithm Optimization algorithms that search millions of possible solutions to a problem and choose the best one Bayesian filtering, used in spam filters for classifying documents based on word types and other features Using decision trees not only to make predictions, but to model the way decisions are made Predicting numerical values rather than classifications to build price models Support vector machines to match people in online dating sites Non-negative matrix factorization to find the independent features in a dataset Evolving intelligence for problem solving -- how a computer develops its skill by improving its own code the more it plays a game Each chapter includes exercises for extending the algorithms to make them more powerful. Go beyond simple database-backed applications and put the wealth of Internet data to work for you. "Bravo! I cannot think of a better way for a developer to first learn these algorithms and methods, nor can I think of a better way for me (an old AI dog) to reinvigorate my knowledge of the details." -- Dan Russell, Google "Toby's book does a great job of breaking down the complex subject matter of machine-learning algorithms into practical, easy-to-understand examples that can be directly applied to analysis of social interaction across the Web today. If I had this book two years ago, it would have saved precious time going down some fruitless paths." -- Tim Wolters, CTO, Collective Intellect

Rates consumer products from stereos to food processors
The Filmmaker's Handbook
Electronic Engineering
Learning to Change the World
Photographer's Guide to the Panasonic Lumix DC-LX100 II
Introduction To SPACES SPACES is a portable, lightweight battery charger and DC power distribution system designed to operate using various sources of DC input power including renewable solar energy. - Using INPUT cables selected by the user, SPACES accepts INPUT DC power in several ways including solar power input, vehicle DC power input, or batteries. - Using optional OUTPUT cables selected by the user, SPACES can function as a battery charger or can directly power 12/24 volt battery operated weapon system. - SPACES is capable of energizing many different types of systems including the AN/PRC-117, AN/PRC-150, AN/PRC-152 radios, Tough Book computers, low wattage AC powered devices and charge BB-2590/U and other batteries. SPACES can also be used as a Power Distribution device enabling the user to transfer energy between different battery types (see page 49). Introduction To Guide to Employing Renewable Energy and Energy Efficient Technologies 1. PURPOSE: This X-File gathers, organizes and synthesizes knowledge gleaned by the Marine Corps Warfighting Laboratory utilizing lessons learned from the Experimental Forward Operating Base (ExFOB) process, and from limited experimentation, pre-deployment training and post deployment reports. It is in a format that can be quickly read and easily transported—in the cargo pocket of the utility uniform—so easy-to-use information is immediately available to all levels of command. 2. SCOPE. This X-File consolidates knowledge on technologies that were evaluated during the ExFOB process in close cooperation with the Commandant's Expeditionary Energy Office (E2O). These technologies have proven to reduce the logistic footprint of Marines operating from austere operating locations in Afghanistan. a. All of the systems described in here can be found in open access sources. b. We have outlined the capabilities of the technology and clarified how it could be employed. c. We do not replace any Government-issued Technical Manuals nor is this knowledge intended to replace any existing tactical warfighting fundamentals. d. Our goal is to optimize potential use of the technologies in conjunction with established Marine Corps doctrine, orders, and higher level policy guidance. 3. HANDLING INSTRUCTIONS. This X-File is approved for public release; distribution unlimited.
Manuals Combined: Solar Portable Alternative Communications Energy System (SPACES) & Guide to Employing Renewable Energy and Energy Efficient TechnologiesJeffrey Frank Jones
The Social Impact of One Laptop Per Child
Electronics Buying Guide 2007
A Beginner's Guide to Digital Video
InfoWorld

UNESCO estimates that eleven percent of primary school–age children—seventy-two million worldwide—are not enrolled in or attending school. Children who do attend may find themselves in schools that lack adequate space, facilities, or resources—impossible situations for learning. It is against this backdrop of profound need that One Laptop per Child (OLPC) emerged in 2005. The mission of the organization is to "empower the children of developing countries to learn." They created the first affordable netbook specifically built to withstand harsh climates and the handling of young children—the bright green and white XO. At the 2005 World Economic Forum, Nicholas Negroponte, the MIT researcher who co-founded the Media Lab and OLPC, introduced the XO laptop to the world and described a new approach to changing education in developing countries. First, children must have

access to information (through low-cost data communications) and the tools to educate themselves (affordable computers and learning software). Secondly, the fundamental approach to education must shift from passive knowledge acquisition to active construction of knowledge (learning how to learn). Thirdly, OLPC planned to build an organization with the capability to deliver these computers and support these shifts globally. It was an audacious vision of how to bring about a massive educational change. Learning to Change the World is the story of One Laptop per Child—a story that will resonate with entrepreneurs and social innovators in any field. OLPC is an example of a non-profit organization with aspirations for systemic change on a global scale, yet wrestling with tough questions that will be familiar to any social entrepreneur: how to ensure market forces support the scale up of a social program; how to balance the need to repeat past successes but still leave room for innovation; how to leverage a network to expand impact beyond your original capabilities; and how to help people without creating dependence. The authors set out to tell the real story of their journey—both successes and failures. For both ardent supporters and critics alike, this book presents both an invitation and a challenge: to set aside preconceived notions about OLPC and read the inside story of the origins and evolution of the organization.

ARE YOU PREPARED FOR THE LAW ENFORCEMENT IT REVOLUTION? Law enforcement agencies that are laggards in Information Technology (IT) will soon, if not already, be considered mismanaged. Whether you are in an operational position, or you are a police officer who aspires to a higher rank, you must be aware of how IT can help you perform your job and hel

PC Mag

Law Enforcement Information Technology

Electronics Buying Guide

The Independent Guide to IBM-standard Personal Computing

A fully revised, comprehensive guide offers an in-depth exploration of today's recent technological advances, such as digital age filmmaking, while reviewing a collection of new methods and techniques in relation to various film formats and offering suggestions on the business aspects of financing and producing films. Original.

A one-minute-manager approach to issues, "Socially Responsible IT Management" explains how following each principle can save money or time. With step-by-step instructions on how to accomplish objectives, this book shows readers how to overcome the social crisis that has resulted from the widespread use of information technology.

PC Magazine

A Comprehensive Guide for the Digital Age

Byte

Best Buys for 2008

A resource for information executives, the online version of CIO offers executive programs, research centers, general discussion forums, online information technology reports on information technology issues.

Popular Mechanics inspires, instructs and influences readers to help them master the modern world. Whether it's practical DIY home-improvement tips, gadgets and di technology, information on the newest cars or the latest breakthroughs in science -- PM is the ultimate guide to our high-tech lifestyle.

Popular Mechanics

The Police Chief

ARC User

Manuals Combined: Solar Portable Alternative Communications Energy System (SPACES) & Guide to Employing Renewable Energy and Energy Efficient Technologies

Discusses all aspects of digital video production, from shooting and editing to creating finished movies on disc or tape and streaming on the Web.

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

PC World

Socially Responsible IT Management

A Guide to Cataloging School Library Materials

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

Photographer's Guide to the Panasonic Lumix DC-LX100 II is a complete guide to the use of the LX100 II camera. The 200-page book shows beginning and intermediate photographers how to capture excellent images and video sequences with the LX100 II. The book explains the use of autofocus, manual focus, aperture, shutter speed, exposure compensation, white balance, ISO, and all other settings of the camera. The book discusses the camera's options for playback, setup, and customizing the operation of its controls. The book contains more than 300 color

photographs showing the camera's controls, display screens, and menus. The book includes photographs taken using the many creative settings of the camera, including the Photo Style settings; the Filter Settings picture effects, which provide the ability to customize the appearance of images in dramatic ways; and the camera's features for burst shooting and shooting in high-contrast lighting conditions. The book explains how to use the LX100 II's innovative features such as Light Composition and Sequence Composition, which enable the creation of multiple exposures of scenes with bright flashes, such as fireworks, or scenes involving motion, such as sports events. The book includes a full discussion of the video recording abilities of the LX100 II camera, which offers manual control of exposure and focus during movie recording, and provides ultra-high definition 4K recording of motion pictures. The book also explains the camera's features for extracting still images from 4K video and using the Post Focus feature to select a sharply focused image after a shooting session. In three appendices, the book discusses accessories for the LX100 II, including cases, power supply options, and other items, and includes a list of websites and other resources for further information. The book includes an appendix with helpful Quick Tips that explain how to take advantage of the camera's features in the most efficient ways possible. The book has a full table of contents and comprehensive index.

Popular Photography

Building Smart Web 2.0 Applications

A Managerial, Operational, and Practitioner Guide

Consumer Reports Buying Guide

Whether you're a practicing cataloger looking for a short text to update you on the application of RDA to cataloging records or a school librarian who needs a quick resource to answer cataloging questions, this guide is for you. • Thoroughly updates a best-selling, essential guide to cataloging • Addresses the new standards specifically as they apply to school libraries • Helps school librarians understand and implement the new cataloging standards in their collections • Distills the latest information and presents it in a format that is clear and accessible • Fills the need for up-to-the-minute cataloging guidance for the busy librarian who wants information in a hurry

A consumer guide that integrates shopping suggestions and handy user tips as it describes and rates dozens of digital electronic products, including cell phones, digital cameras, televisions, computers, video games, and home theater products.

Business Periodicals Index

Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States

Computer Buyer's Guide and Handbook

Programming Collective Intelligence