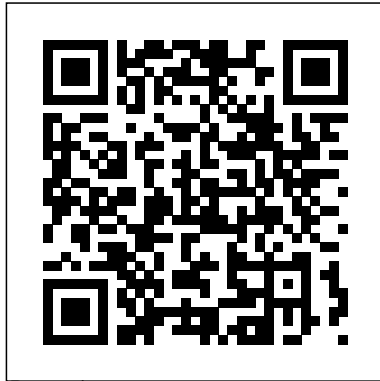

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Unexploded Ordnance Detection and Mitigation Tony Northrup

In this book, David Pereira leads you on an edifying and inspiring journey into the depths of the HDR photographer's digital darkroom. Through his lucid, in depth, and step-by-step tutorials

on HDR, you will quickly master the essential ingredients of professional-looking HDR images, while learning how to surmount the common pitfalls of HDR photography that stymie most novices. Some of the best HDR programs such as Photomatrix and HDR Efex are discussed in detail. Furthermore, entire chapters devoted to tutorials on image manipulation via layers in Photoshop will transform you into a master digital artist, capable of harnessing the power of Photoshop, even if you have no prior knowledge of it. Separate chapters on the intricacies of Composition and Color Theory will fashion you into a consummate photographer,

capable of framing landscapes with a photographer's eye for maximum evocative power. Finally, an entire chapter is devoted to the nuances of Color Management, so that your prints match what you see on-screen. To top it off, all of the raw photographs used by the author to create HDR images are available for download on his website, <http://www.pixelsandpaintstrokes.com>. **Understanding Exposure** McGraw Hill Professional Provides step-by-step instructions for more than twenty modifications for digital cameras, including building a remote control, creating

car mounts, and making a home light studio.

Conservation Drones

Hansebooks

Mit dem Arduino-Kochbuch, das auf der Version Arduino 1.0 basiert, erhalten Sie ein Füllhorn an Ideen und praktischen Beispielen, was alles mit dem Mikrocontroller gezaubert werden kann. Sie lernen alles über die Arduino-Softwareumgebung, digitale und analoge In- und Outputs, Peripheriegeräte, Motorensteuerung und

fortgeschrittenes Arduino-Coding. Egal ob es ein Spielzeug, ein Detektor, ein Roboter oder ein interaktives Kleidungsstück werden soll:

Elektronikbegeisterte finden über 200 Rezepte, Projekte und Techniken, um mit dem Arduino zu starten oder bestehende Arduino-Projekt mit neuen Features aufzupimpen. Building Smart Drones with ESP8266 and Arduino Packt Publishing Ltd
The Canon Camera Hackers Manual addresses "geeky" owners of Canon consumer cameras,

such as the Powershot and IXUS, who would like to explore the possibilities of their cameras and tweak them to do things that go well beyond the camera's original specifications. --

Thornton International System of Garment Cutting Springer

Despite the explosion of networking services and applications in the past decades, the basic technological underpinnings of the Internet have remained largely unchanged. At its heart are special-purpose appliances that connect

us to the digital world, commonly known as switches and routers. Now, however, the traditional framework is being increasingly challenged by new methods that are jostling for a position in the "next-generation" Internet. The concept of a network that is becoming more programmable is one of the aspects that are taking center stage. This opens new possibilities to embed software applications inside the network itself

and to manage networks and communications services with unprecedented ease and efficiency. In this edited volume, distinguished experts take the reader on a tour of different facets of programmable network infrastructure and applications that exploit it. Presenting the state of the art in network embedded management and applications and programmable network infrastructure, the book conveys fundamental

concepts and provides a glimpse into various facets of the latest technology in the field.

A History of the Moghuls of Central Asia O'Reilly Media, Inc.

Decision makers, such as government officials, need to better understand human activity in order to make informed decisions. With the ability to measure and explore geographic space through the use of geospatial intelligence data sources including imagery and mapping data, they are better able to measure factors affecting the human population. As a broad

field of study, geospatial research has applications in a variety of fields including military science, environmental science, civil engineering, and space exploration. *Geospatial Intelligence: Concepts, Methodologies, Tools, and Applications* explores multidisciplinary applications of geographic information systems to describe, assess, and visually depict physical features and to gather data, information, and knowledge regarding human activity. Highlighting a range of topics such as geovisualization, spatial analysis, and landscape mapping, this multi-volume book is ideally designed for

data scientists, engineers, government agencies, researchers, and graduate-level students in GIS programs.

Network-Embedded Management and Applications

White Knight Press

Increasing numbers of ecologists and conservation biologists have begun to explore the use of drone technology to obtain accurate and up-to-date data on the distribution and density of species, as well as the threats to their habitats, in their ongoing attempts to conserve and monitor biodiversity. Conservation drones are low-

cost, autonomous, and operator-friendly unmanned aerial vehicles that can be used for surveying, mapping, and monitoring both habitat and biodiversity. They are fast becoming a valuable complement to ground-based surveys and satellite imagery for a wide range of ecological and conservation applications. The authors pioneered the use of conservation drones for the purpose of monitoring orangutan populations in Southeast Asia. They subsequently founded ConservationDrones.org to share their knowledge of building and using drones with colleagues in the wider

environmental community. This website has proved highly popular and this book aims to further build capacity to use drones and inspire others to adapt emerging technologies for practical conservation.

The Canon Camera Hackers Manual Springer Science & Business Media

This book aims to further build capacity in the conservation community to use drones for conservation and inspire others to adapt emerging technologies for conservation.

UAV?Based Remote Sensing Volume 1 IGI Global
This book is the thirteenth in a

series presenting research papers arising from MSc/MRes research projects undertaken by students of the School of Computing and Mathematics at Plymouth University. The publications in this volume are based upon research projects that were undertaken during the 2014/15 academic year. A total of 17 papers are presented, covering many aspects of modern networking and communication technology, including security, mobility, coding schemes and quality measurement. The expanded topic coverage compared to earlier volumes in this series reflects the broadening of our range of

MSc programmes. Specifically contributing programmes are: Communications Engineering and Signal Processing, Computer and Information Security, Electrical and Electronic Engineering, Network Systems Engineering, and Robotics.

Dungeon Masters Elex Media Komputindo Star charts, step-by-step projects, photos, and more: “The Total Skywatcher’s Manual is a fun book, but more importantly, it’s a useful book.” —Sky & Telescope With fully illustrated star charts, gorgeous astrophotography,

and step-by-step project instruction, this is the only guide you need to navigate the night (and day) sky. Learn about the phases of the moon, how to conduct your own deep-sky observations, how the universe is expanding, our search for life on other planets, meteors vs. meteorites, sunspots and solar flares, best eclipse-viewing techniques—everything you need to know to appreciate the wonder of our universe. The Total Skywatcher’s Manual will help stargazers,

comet-spotters, and planet-seekers: Choose the best telescope Identify constellations and objects in the night sky Search for extraterrestrial phenomena Plan star parties Capture beautiful space imagery and much more For well over a century, the Astronomical Society of the Pacific has provided resources, tools, and information to astronomy enthusiasts, including amateur astronomers, families, and science educators. Now they draw on their wide-ranging expertise to guide you

through the skies. *Compact Camera Fundamentals: An Introduction To Photography* Lulu.com Hollywood is going 3D, read this book to understand why and how, and to secure your next job on a 3D movie. Making a 3D movie is much more than shooting with a 3D camera and showing it in a 3D theater. Each and every step of the movie production cycle will be affected by 3D, just like sound and color affected the whole industry. After an introduction on how the

human brain perceive depth, this book explains, in a step-by-step approach, how 3D affects screen writing, art direction, principal photography, editing, visual effects and even movies distribution. It's a must read for anyone in the profession who wants to understand the next revolution in cinema. The DVD is not included with the E-book. Please contact the publisher for access to the DVD content by emailing d.mcgonagle@elsevier.com. *3D Movie Making* MDPI Leverage the WiFi chip to build exciting Quadcopters

Key Features Learn to create exciting multi-utility projects. a fully functional Drone with Arduino and ESP8266 and their modified versions of hardware. Enhance your drone's functionalities by implementing smart features. A project-based guide that will get you developing next-level drones to help you monitor a particular area with mobile-like devices. Book Description With the use of drones, DIY projects have taken off. Programmers are rapidly moving from traditional application programming to developing This book will teach you to build industry-level drones with Arduino and ESP8266 and their modified versions of hardware. With this book, you will explore techniques for leveraging the tiny WiFi chip to enhance your drone and control it over a mobile phone. This book will start with teaching you how to solve problems while building your own WiFi controlled Arduino based drone. You will also learn how to build a Quadcopter and a mission critical drone. Moving on you will learn how to build a prototype drone that will be given a mission to complete which it will do it itself. You will also learn to build various exciting projects such as gliding and racing drones. By the end of this book you will learn how to maintain and troubleshoot your drone. By the end of this book, you will have learned to build drones using ESP8266 and Arduino and leverage their functionalities to the fullest. What you will learn Includes a number of projects that utilize different ESP8266 and Arduino capabilities, while interfacing

with external hardware
Covers electrical
engineering and
programming concepts,
interfacing with the World
through analog and digital
sensors, communicating with
a computer and other
devices, and internet
connectivity Control and fly
your quadcopter, taking into
account weather conditions
Build a drone that can follow
the user wherever he/she
goes Build a mission-control
drone and learn how to use
it effectively Maintain your
vehicle as much as possible
and repair it whenever

required Who this book is for
If you are a programmer or a
DIY enthusiast and keen to
create a fully functional
drone with Arduino and
ESP8266, then this book is
for you. Basic skills in
electronics and
programming would be
beneficial. This book is not
for the beginners as it
includes lots of ideas not
detailed how you can do
that. If you are a beginner,
then you might get lost here.
The prerequisites of the
book include a good
knowledge of Arduino,
electronics, programming in

C or C++ and lots of interest
in creating things out of
nothing.

[Beginning Digital Image](#)

[Processing](#) David Pereira

! BONUS DVD ONLY WITH
THE PRINT EDITION (NOT
AVAILABLE WITH eBooks) !

In 2007, The HDRI Handbook
was the first book to present
this revolutionary new field to
a larger audience. These days
HDRI is a fully mature
technology available to
everyone. Real estate and
landscape photographers
have adopted it as part of their
regular workflow, it has
become one of the hottest
trends for ambitious amateurs
and creative professionals

alike, and the modern movie industry would be completely dysfunctional without it. Now The HDRI Handbook 2.0 redefines its own gold standard. It has been completely rewritten and is packed with practical hints and tips, background knowledge, reference tools, breathtaking artist portfolios, and inspiring interviews. The book includes dozens of new step-by-step tutorials. Beginners will get a methodically solid introduction and advanced readers will be able to refine their technique to perfection. Topics include:- Understanding the foundation of HDRI- HDR software comparisons and evaluations-

Capturing HDR images: today and tomorrow- Tonemapping for creating superior prints- HDR image processing and compositing- Shooting and stitching HDR panoramas- Image-based lighting and CG rendering 2.0 updates include:- New cameras, sensors, and HDR beamsplitter rigs- Open Camera Controller for endless auto-bracketing- Correct RAW pre-processing and ghost removal- Dozens of practical, easy-to-follow tutorials- A structured approach to tonemapping, inspired by Ansel Adams- Set etiquette and tips for capturing HDR panos for visual effects- Seven artist spotlights showing unique

perspectives on HDRI- Seven crossword puzzles: a fun way to test yourself ! BONUS DVD ONLY WITH THE PRINT EDITION (NOT AVAILABLE WITH eBOOKS) !

The Art of HDR Photography
MDPI

Written by photography experts--including a Pulitzer-Prize winning National Geographic photographer--this full-color book is a must-have for amateur photographers serious about improving both the quality of their photographs and their proficiency in the digital darkroom. The book is the perfect combination of a technical treatise on digital

imaging and an artistic exploration of light, composition, and form, allowing you to glean the essential techniques needed for digital photography without losing sight of the artistic and aesthetic aspects of the craft. Using an easy-to-follow approach, the authors explain the image conceptualization process through shooting, editing, and image correction to finished print. In addition, top photographers from a variety of disciplines offer real-world advice on how they use digital photography to create compelling images for high-profile magazine articles, advertising campaigns, and

fine art prints.
Grammar of the Kurmanji Or Kurdish Language
Digital Press at the University of North Dakota
This book brings together contributions from researchers, GIS professionals and game designers to provide a first overview of this highly interdisciplinary field. Its scope ranges from fundamentals about games and play, geographic information technologies, game design and culture, to

current examples and forward looking analysis. Of interest to anyone interested in creating and using Geogames, this volume serves as a channel for sharing early experiences, discussing technological challenges and solutions, and outlines a future research agenda. Games and play are part of human life, and in many game activities, place, space and geography plays a central role in determining the rules and interactions that are

characteristic of each game. Recent developments and widespread access to mobile information, communication, and geospatial technologies have spurred a flurry of developments, including many variations of gaming activities that are situated in, or otherwise connected to the real world.

The Frankencamera

Springer Science & Business Media

MacLife is the ultimate magazine about all things

Apple. It's authoritative, ahead of the curve and endlessly entertaining. MacLife provides unique content that helps readers use their Macs, iPhones, iPods, and their related hardware and software in every facet of their personal and professional lives.

Tony Northrup's DSLR Book: How to Create Stunning Digital Photography Taylor & Francis

Mobilizing the Past is a collection of 20 articles that

explore the use and impact of mobile digital technology in archaeological field practice. The detailed case studies present in this volume range from drones in the Andes to iPads at Pompeii, digital workflows in the American Southwest, and examples of how bespoke, DIY, and commercial software provide solutions and craft novel challenges for field archaeologists. The range of projects and contexts ensures that Mobilizing the Past for a Digital Future is far more than a state-of-the-

field manual or technical handbook. Instead, the contributors embrace the growing spirit of critique present in digital archaeology. This critical edge, backed by real projects, systems, and experiences, gives the book lasting value as both a glimpse into present practices as well as the anxieties and enthusiasm associated with the most recent generation of mobile digital tools. This book emerged from a workshop funded by the National Endowment for the

Humanities held in 2015 at Wentworth Institute of Technology in Boston. The workshop brought together over 20 leading practitioners of digital archaeology in the U.S. for a weekend of conversation. The papers in this volume reflect the discussions at this workshop with significant additional content. Starting with an expansive introduction and concluding with a series of reflective papers, this volume illustrates how tablets, connectivity, sophisticated software, and powerful computers have

transformed field practices and offer potential for a radically transformed discipline. *Drones for Biodiversity Conservation and Ecological Monitoring* Rocky Nook, Inc. Awesome tools, rules, and adventure content for every Dungeon Master. If yours're a Dungeons & Dragons player interested in taking on the role of the Dungeon Master, or if yours're an experienced DM looking for more game advice, tools, and adventure content, the Dungeon Masters's Kittrade; has exactly what you need to build your own Dungeons & Dragons campaign and excite

the imaginations of you and your players. This deluxe box contains rules and advice to help Dungeon Masters run games for adventurers of levels 1-30. It also includes useful DM tools such as a Dungeon Masters's screen (with tables and rules printed on the inside), die-cut terrain tiles and monster tokens, and fold-out battle maps. Game components: 96-page book of rules and advice for Dungeon Masters; 32-page monster book; Two 32-page adventures; 2 sheets of die-cut dungeon terrain tiles; 2 sheets of die-cut monster tokens; 2 double-sided battle maps;

Fold-out Dungeon Masters's screen

Soviet Transportation Project, Task A "O'Reilly Media, Inc."

This book is a complete guide to using the Sony DSC-RX100 III camera, one of the most advanced, but still pocketable, cameras available. With the publication of this book, author Alexander White provides users of the RX100 III with a manual covering all aspects of the camera. Using a tutorial-

like approach, the book shows beginning and intermediate photographers how to accomplish things with the RX100 III, and explains when and why to use the camera's features. The book provides details about the camera's numerous shooting modes as well as its menu options for shooting, playback, setup, and special effects. The book covers all of the new features of the RX100 III, including its unique pop-up

electronic viewfinder, tilting LCD screen, built-in neutral density filter, and enhanced capabilities for camera control and image transfer over a wireless network. The book includes more than 400 color photographs that illustrate the camera's controls, display screens, and menus. The images also provide examples of the photographs that can be taken using the RX100 III's Scene shooting mode, with settings optimized for subjects

such as landscapes, sunsets, portraits, and action shots; the Creative Style and Picture Effect menu options, with a variety of settings for altering the appearance of images; and the camera's features for continuous shooting and shooting in dim lighting. In addition, the book provides introductions to more advanced topics such as infrared photography, astrophotography, and digiscoping. The book includes a full discussion

of the video recording abilities of the RX100 III, which can shoot high-definition (HD) video with stereo sound, and which offers manual control of exposure and focus during movie recording as well as an upgraded video format, XAVC S. In three appendices, the book provides information about accessories for the RX100 III, including cases, external flash units, and filter adapters, and includes a list of websites and other resources for

further information. The book includes an appendix with “quick tips” on how to take advantage of the camera’s features in the most efficient ways possible.

The Contributions of Trained TBAs in Nepal

Oxford University Press

This guide book explains all operations, features, menus, and controls of the Canon PowerShot S110 camera, providing information about how to accomplish things with the camera as well as when and why to use certain features.

The book explains topics such as autofocus, manual focus, depth of field, aperture priority, shutter priority, HDR (High Dynamic Range) photography, white balance, ISO, and macro photography, in the context of getting great results with Canon’s highly pocketable camera. The book gives details about how to take advantage of the camera’s varied array of “Scene” and “Creative Filters” shooting settings. The guide’s more than 300 photographs, almost all in full color, illustrate the camera’s

controls and menus and include examples of the photographs that can be taken using the S110’s many options, including the Creative Filters settings, which alter the color processing and other aspects of images; menu options such as i-Contrast and digital zoom; and the camera’s strong features for continuous shooting. In addition, the book goes beyond the realm of everyday photography with introductions to topics such as infrared photography, street photography, and

using the Raw format, which permits a wide range of adjustments to images after they have been captured. The book also explains the video recording abilities of the PowerShot S110, which can record high-definition (HD) video with stereo sound and can take “Super Slow Motion” movies that slow down action by a factor of eight. In three appendices, the book discusses accessories, including cases, a filter adapter, and external flash units; contains a list of useful web sites and other resources; and includes helpful “quick tips” that give particular insights into how to take best advantage of the camera’s features.