



applications, looking at the roles and technology behind both fixed wing and rotorcraft UAVs. Leading aeronautical consultant Reg Austin co-founded the Bristol International Remotely Piloted Vehicle (RPV) conferences in 1979, which are now the longest-established UAS conferences worldwide. In addition, Austin has over 40 years' experience in the design and development of UAS. One of Austin's programmes, the "Sprite UAV System" has been deployed around the world and operated by day and night, in all weathers. Un guide 100% pratique Ce livre très illustré détaille tout ce qu'il faut savoir sur les drones de loisir : panorama de l'offre sur le marché et orientation du choix, principes d'utilisation, pilotage, prises de vue et de vidéo avec un drone, sécurité, législation... Il regorge d'astuces et de conseils pratiques : comment faire durer sa batterie, réaliser un panorama à partir d'une vidéo, équilibrer une hélice, voyager avec un drone, etc. Écrit par le cofondateur et animateur du site Helicomicro.com, l'un des principaux sites de référence sur les drones de loisir, il s'adresse à tous les hobbyistes, passionnés d'aéronautique, geeks, amateurs de photo et vidéo aérienne, jeunes télépilotes... et leurs parents. À qui s'adresse ce livre ? Aux dronistes en herbe, aéromodélistes, makers ou simples curieux de cette technologie All you need to know to make and fly your very own flying machine. Packed with information and photographs. Tap into your "Soul GPS" with this essential guide to the healing power of crystals, from their ancient origins to their modern-day applications. Since the dawn of time, people have been drawn to gemstones, using them in burial rites, divination practices, healing rituals, spiritual attunement, and as adornment reflecting wealth, power, beliefs or societal roles. For millennia, crystals have been believed to restore and enhance physical, mental, emotional, and spiritual equilibrium. And today they have emerged as the hottest wellness trend, embraced by celebrities, fashionistas, and millennials alike. But what does all this woo woo ju ju mean—and how do crystals work? Fun, modern, stylish, and accessible, Crystal Rx breaks it down for you. Colleen McCann is a certified Shamanic Energy Practitioner who has travelled the world researching and teaching the ancient art of crystal healing. Now, she shares all that she's learned, offering insight and clear directions for harnessing the power of these magical minerals. In this down-to-earth, beautifully illustrated guide you'll discover: The Top 20 Crystals every girl needs in her arsenal. Crystal care—Keep your crystals shiny, clean & energetically healthy. Building a bespoke altar for Love, Prosperity, or Career Success. What's a "Medicine Bag," and how to curate your own. The Crystal Business—Inspiration from industry leaders in beauty, technology, fashion, food, agriculture, and music who are making this ancient practice a part of modern life. And much more. Packed with gorgeous images, Crystal Rx is the sophisticated handbook every girl needs to guide her on her spiritual journey. This edition features a wealth of new material on urban warfare, including a computer simulation of EW architecture alternatives for land-based forces based on urban constraints. It also includes an expanded section on time-hopped spread spectrum communications, more details on modern communication system technologies such as CDMA and OFDM, and an in-depth discussion on sources of urban noise. This practical resource is focused on showing the reader how to design and build jammers specifically targeted at spread spectrum, anti-jam communications. Moreover, it gives assistance in evaluating the expected performance of jamming systems against modern communications systems, and discover the best waveform to use to counter communication systems designed to be effective in jamming environments. While mathematical derivations in general are avoided, the book presents error rate performance equations for most modern digital anti-jam communication systems For courses in Sustainable Marketing or as a supplement to marketing courses that include sustainability as a focus. A lasting approach to marketing. As the engine that drives the global economy, marketing leaves an enormous footprint on the environment and society. To help readers make a lasting impression in their marketing efforts, Martin/Schouten provides the concepts behind valuable-and lucrative-sustainable marketing strategies. Assistive Technology (AT) is the term used to describe products or technology-based services which support those with disabilities or other limitations to their daily activities, enabling them to enjoy a better quality of life. This book presents the proceedings of the 13th European Conference on the Advancement of Assistive Technology (AAATE 2015), held in Budapest, Hungary in September 2015. This biennial conference has established itself as a leading forum in the transdisciplinary area of Assistive Technology, providing a unique platform for the gathering of experts from around the world to review progress and challenges in the interdisciplinary fields which contribute to AT, such as research, development, manufacturing, supply, provision and policy. The theme of the 2015 conference is 'Attracting new areas and building bridges', and this book contains 138 reviewed papers and 28 poster presentations delivered at the conference, covering AT themes as diverse as aging, blindness, mobility, assisted living and accessibility for people with dementia and cognitive impairment. Offering a current overview of many aspects of AT, this book will be of interest to all those – from researchers and manufacturers to healthcare professionals and end-users – whose work or daily life involves the relationship between technology and disability. Der große Erfolg des ersten Buches über ferngesteuerte Miniaturmodelle hat das Autorenteam um Thorsten Feuchter dazu ermuntert, weitere funktionstüchtige Straßenfahrzeuge im Maßstab 1:87 zu bauen und ihre Erfahrungen wieder ausführlich zu beschreiben. Ihre Vorliebe gilt den Funktionsmodellen, wie der Schwerlastzugmaschine mit Schaltgetriebe, dem Radlader, der ordentlich baggern kann, und der Straßenkehrmaschine, die den Akkustaubsauger für die Modellbahn künftig überflüssig macht. Neben der Vermittlung von Grundlagen wie der Verwendung von LED und Muskeldraht geht es in diesem Buch insbesondere um die Lenkung, Schaltung und Beleuchtung von H0-Fahrzeugen. Die hier vorgestellten Lösungen erfordern zwar eine gut ausgestattete Hobbywerkstatt, doch lassen sich einige der Projekte auch ohne Dreh- oder Fräsmaschine verwirklichen. Über 140 Abbildungen und zahlreiche Skizzen und Tabellen ergänzen den Text. Enter the arena of the metal gladiators Do you have what it takes to build a battle-ready robot? You do now. Here are the plans, step-by-step directions, and expert advice that will put you in competition-while you have a heck of a lot of fun getting there. Grant Imahara, the creator of the popular BattleBot Deadblow, shares everything he's learned about robot design, tools and techniques for metal working, the parts you need and where to get them, and plenty of tips to keep you off the ropes. When you're finished, you'll be ready to rumble. Just a few of the topics you'll learn: Robot design 101 Chemicals and power tools Popular materials compared Cutting your armor Things to know about screws Top ten drive motors Bearings, casters, couplers, and U-joints Roller chains and sprockets Better traction through chemistry Choosing speeding controls Batteries and wiring The driving test Rammers, hammers and crushers Provides rules, strategies, and odds for card, indoor, and computer games. The building and flying of radio-controlled aircraft is an involving and fun hobby. This text looks at different types of radio-controlled aircraft, including traditional fixed wing machines powered by internal combustion engines, electric powered planes, helicopters, indoor ultralights, jets and gliders. Auf der Straße und im Gelände, auf und unter Wasser und auch in der Luft – Mikromodelle können alles wie die Großen! Seit es miniaturisierte Elektronikbauteile, winzige Motoren und kleinste Akkus gibt, ist es möglich, ferngesteuerte Modelle sogar im H0-Maßstab zu bauen. Sie können fahren, fliegen oder schwimmen, lassen sich lenken, haben Blinker, Scheinwerfer und Blaulicht, treten mit Allradantrieb zum Truck Trial an oder tauchen im Aquarium ... Die Autoren, allesamt Pioniere dieses neuen faszinierenden Hobbys, zeigen hier, wie man vom einfachen Umbau eines handelsüblichen Modells über die Realisierung vielfältiger Sonderfunktionen bis hin zur hohen Schule der Mikromodellkunst gelangt. Es gibt ausführliche und mit mehr als 200 Illustrationen reich bebilderte Baubeschreibungen für einen Lkw mit Raffinessen, eine Planierdraupe mit Kettenlaufwerk, einen Unimog für Straße und Schiene, ein Landungsschiff, ein Forschungs-U-Boot, ein zweimotoriges Flugzeug und noch einige mehr. Dazu kommen Erklärungen der grundlegenden elektrischen und elektronischen Komponenten sowie Bezugsquellen und nützliche Tipps und Tricks für die Werkstatt – denn Mikromodellbau erfordert spezielle Kenntnisse und Fertigkeiten. Entdecken Sie eine neue Herausforderung für begabte Tüftler: Mikromodellbau! Une bible de conseils pratiques Pour réussir de belles vidéos et photos avec un drone, il faut maîtriser à la fois les techniques de pilotage et de prise de vues, mais aussi faire preuve d'une grande créativité. Écrit par un professionnel de l'image, ce livre vous fournira toutes les clés pour y parvenir, que ce soit pour choisir le drone et ses accessoires, adapter votre pilotage à la prise de vues, déterminer les meilleurs réglages vidéo et photo, gérer la post-production, ou encore opérer en toute sécurité et légalité. Fourmillant de conseils pratiques issus de la grande expérience de l'auteur, ce guide richement illustré vous expliquera comment réaliser les plus beaux cadrages et mouvements de caméra en fonction des sujets : panoramique, plongée et contre-plongée, travelling, selfie, dronie... Après la lecture de cet ouvrage, l'image aérienne n'aura plus de secrets pour vous ! A qui s'adresse ce livre ? Aux vidéastes et photographes amateurs qui souhaitent investir dans un drone Aux dronistes voulant s'initier à la vidéo ou à la photo Make: Drones will help the widest possible audience understand how drones work by providing several DIY drone projects based on the world's most popular robot controller--the Arduino. The information imparted in this book will show Makers how to build better drones and be better drone pilots, and incidentally it will have applications in almost any robotics project. Why Arduino? Makers know Arduinos and their accessories, they are widely available and inexpensive, and there is strong community support. Open source flight-control code is available for Arduino, and flying is the hook that makes it exciting, even magical, for so many people. Arduino is not only a powerful board in its own right, but it's used as the controller of most inexpensive 3d printers, many desktop CNCs, and the majority of open source drone platforms. This is the first book to collect stories of the most important Soviet aircraft, including experimental machines from the early 1900s through to the latest Russian prototypes of today. About 150 types are described, each with data and many with extensive drawings. Nuclear quadrupole resonance (NQR) a highly promising new technique for bulk explosives detection: relatively inexpensive, more compact than NMR, but with considerable selectivity. Since the NQR frequency is insensitive to long-range variations in composition, mixing explosives with other materials, such as the plasticizers in plastic explosives, makes no difference. The NQR signal strength varies linearly with the amount of explosive, and is independent of its distribution within the volume monitored. NQR spots explosive types in configurations missed by the X-ray imaging method. But if NQR is so good, why it is not used everywhere? Its main limitation is the low signal-to-noise ratio, particularly with the radio-frequency interference that exists in a field environment, NQR polarization being much weaker than that from an external magnetic field. The distinctive signatures are there, but are difficult to extract from the noise. In addition, the high selectivity is partly a disadvantage, as it is hard to build a multichannel system necessary to cover a wide range of target substances. Moreover, substances fully screened by metallic enclosures, etc. are difficult to detect. A workshop was held at St Petersburg in July 2008 in an attempt to solve these problems and make NQR the universal technique for the detection of bombs regardless of type. This book presents the essentials of the papers given there. Mikromodelle sind einfach faszinierend! Modelle im klassischen Eisenbahnmaßstab 1:87 durch eine passende Landschaft zu dirigieren macht einfach Spaß und die kleinen Meisterwerke verblüffen jeden Betrachter. Doch über den Bau „normaler“ Straßen- und Geländefahrzeuge sind die Spezialisten schon längst hinaus – Funktionsmodelle sind angesagt! Und so zeigt das Autorenteam dieses Buches Modelle mit einer Vielzahl an Funktionen aus dem Bereich der Forst- und Landwirtschaft. Ob Forwarder oder Holzzug mit Ladekran, Großtraktor oder Holzhäcksler – es gibt fast nichts, was unmöglich ist. Die einzelnen Modelle werden dabei ausführlich und zum Nachbau geeignet vorgestellt. Und keine Angst: Auch für Einsteiger sind einfachere Modelle enthalten, mit denen man in diese faszinierende Modellsparte starten kann – und dann gibt es jede Menge Möglichkeiten, um sich mit Multifunktionsmodellen auszutoben! Sensors for mobile robot positioning. Systems and methods for mobile robot positioning. ARCHIE 3000 is the complete collection featuring the classic series. This is presented in the new higher-end format of Archie Comics Presents, which offers 200+ pages at a value while taking a design cue from successful all-ages graphic novels. Travel to the 31st Century with Archie and his friends! In the year 3000, Riverdale is home to hoverboards, intergalactic travel, alien life and everyone's favorite space case, Archie! Follow the gang as they encounter detention robots, teleporters, wacky fashion trends and much more. Will the teens of the future get in as much trouble as the ones from our time? This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant. Compiled with the advice of clinical experts and continually updated to reflect the latest evidence from credible sources worldwide, the new edition of the British National Formulary 78 (BNF) provides up-to-date guidance on prescribing, dispensing, and administering medicines. Access to the latest edition of the BNF is vital for healthcare professionals, as it reflects current best practice as well as legal and professional guidelines relating to the uses of medicines. NICE has accredited the editorial process used by the British National Formulary to produce its resources.

