

Ak 47amp Kalashnikov Variation

This manual is organized as a reference for snipers and leads the trainer through the material needed to conduct sniper training. Subjects include equipment, weapon capabilities, fundamentals of marksmanship and ballistics, field skills, mission planning, and skill sustainment.

After the successful introduction of acupuncture to the West, recent advances in analytical methods in chemistry, molecular biology and systems biology – especially the development of the “omic” technologies – have again brought Chinese drugs into the focus of research on Traditional Chinese Medicine (TCM). With more than 1000 publications on the chemistry, molecular biology and pharmacology of TCM drugs in international journals over the last 10 years, Chinese drugs are gaining increasingly reputation and impact. These data offer great opportunities for the development of new pharmaceuticals for various clinical applications. International scientists have compiled relevant and trend setting research results in this book. Topics range from the latest methods of quality and safety assurance by chemical and genetic fingerprints to the development of new pharmaceuticals for a future evidence-based therapy e.g. for cancer, cardiovascular, inflammatory or infectious diseases as well as to recent experimental results on multitarget and synergy research for the preparation of multi-extract-pharmaceuticals from TCM.

Clear Color photographs of the AK47 assault rifle and its variations. The First volume covers Soviet/Russian AKM/AKMS, Polish AKM/AKMS post 1990, Polish AK47 grenade launcher variations, as well as full powered sniper rifles from Yugoslavia and Romania. 80 pages of color photographs, most never published.

Pakistan's transformation from supposed model of Muslim enlightenment to a state now threatened by an Islamist takeover has been remarkable. Many account for the change by pointing to Pakistan's controversial partnership with the United States since 9/11; others see it as a consequence of Pakistan's long history of authoritarian rule, which has marginalized liberal opinion and allowed the rise of a religious right. Farzana Shaikh argues the country's decline is rooted primarily in uncertainty about the meaning of Pakistan and the significance of 'being Pakistani'. This has pre-empted a consensus on the role of Islam in the public sphere and encouraged the spread of political Islam. It has also widened the gap between personal piety and public morality, corrupting the country's economic foundations and tearing apart its social fabric. More ominously still, it has given rise to a new and dangerous symbiosis between the country's powerful armed forces and Muslim extremists. Shaikh demonstrates how the ideology that constrained Indo-Muslim politics in the years leading to Partition in 1947 has left its mark, skillfully deploying insights from history to better understand Pakistan's troubled present.

Sniper Training

Optical Fiber Technology and Applications

The AK47 catalog volume 1

Exploring and Optimizing Agricultural Landscapes

Biodiversity and Biomedicine

Kalashnikov-series assault rifles

This acts as a reference work for the field of high intensity and/or high plasma density laser-plasma interactions for years to come. It covers everything from single particles to dense fluids, from computational physics to the practical results in fusion. In addition, it contains treatments of the theory of electrodynamics, laser-driven hydrodynamics, the Lorentz force, complex refractive index and

relativistic effects in plasmas. Although "the swamp of plasma physics" is mostly a classical place, the author indicates where quantum and classical calculations converge.

PRINTED IN COLOR - The Russian Way of War - Force Structure, Tactics, and Modernization of the Russian Ground Forces Published by the U.S. Army Training and Doctrine Command G2's Foreign Military Studies Office in 2016, this book picks up where the FM 100-2 series left off and discusses Russian military structure, capabilities, and future development. Includes July 2019 BONUS materials on the following: *IK17 Szhatie (IK17 Сжамие) Russian "Stiletto" Laser Tank *Combat Laser System (Peresvet) Russian Laser Cannon *T-14 Armata Main Battle Tank *T-15 Heavy Infantry Combat Vehicle *Kurganets-25 Light Tracked Armored Vehicle *2S35 Koalitsiya-SV 152-mm Self-Propelled Howitzer *VPK-7829 Bumerang Modular Infantry Wheeled Fighting Vehicle Why buy a book you can download for free? We print the paperback book so you don't have to. First you gotta find a good clean (legible) copy and make sure it's the latest version (not always easy). Some documents found on the web are missing some pages or the image quality is so poor, they are difficult to read. If you find a good copy, you could print it using a network printer you share with 100 other people (typically its either out of paper or toner). If it's just a 10-page document, no problem, but if it's 250-pages, you will need to punch 3 holes in all those pages and put it in a 3-ring binder. Takes at least an hour. It's much more cost-effective to just order the bound paperback from Amazon.com This book includes original commentary which is copyright material. Note that government documents are in the public domain. We print these paperbacks as a service so you don't have to. The books are compact, tightly-bound paperback, full-size (8 1/2 by 11 inches), with large text and glossy covers. 4th Watch Publishing Co. is a SDVOSB. <https://usgovpub.com>

This two-volume set (CCIS 1229 and CCIS 1230) constitutes the refereed proceedings of the 5th International Conference on Recent Developments in Science, Engineering and Technology, REDSET 2019, held in Gurugram, India, in November 2019. The 74 revised full papers presented were carefully reviewed and selected from total 353 submissions. The papers are organized in topical sections on data centric programming; next generation computing; social and web analytics; security in data science analytics; big data analytics.

Biodiversity and Biomedicine: Our Future provides a new outlook on Earth's animal, plant, and fungi species as vital sources for human health treatments. While there are over 10 million various species on the planet, only 2 million have been discovered and named. This book identifies modern ways to incorporate Earth's species into biomedical practices and emphasizes the need for biodiversity conservation. Written by leading biodiversity and biomedical experts, the book begins with new insights on the benefits of biologically active compounds found in fungi and plants, including a chapter on the use of wild fruits as a treatment option. The book goes on to discuss the roles of animals, such as amphibians and reptiles, and how the threatened presence of these species must be reversed to conserve biodiversity. It also discusses marine organisms, including plants, animals, and microbes, as essential in contributing to human health. **Biodiversity and Biomedicine: Our Future** is a vital source for researchers and practitioners specializing in biodiversity and conservation studies. Students in natural medicine and biological conservation will also find this useful to learn of the world's most bio-rich communities and the molecular diversity of various species. Presents new developments in documenting and identifying species for biodiversity conservation and ethical considerations for biodiversity research Examines biodiversity as an irreplaceable resource for biomedical breakthroughs using available species for medical research Discusses challenges and opportunities for biodiversity protection and research in biosphere reserves

Recent Advances

Kalashnikov Bayonets

Beyond Relief

The Gun

Astronautics Information. Literature Search

Physics and Engineering of Radiation Detection

In many countries, prolonged conflicts result in food emergencies that recur over years or even decades. Initial humanitarian relief efforts are rarely replaced by programmes that offer a longer-term perspective on food security. This book provides examples of opportunities to bridge the gap between emergency relief and longer term developmental approaches, which can help us rethink how to support food security in protracted crises. Somalia, Sudan and the Democratic Republic of Congo have all been affected by severe protracted crises. For the first time, evidence and in-depth analysis from these countries sheds light on how to support the livelihoods of local populations. Using concrete examples, Beyond Relief demonstrates how food security means different things in different contexts while also advocating a crosscutting learning process for longer-term approaches to protracted crisis. Published in association with the Food and Agriculture Organization of the United Nations.

The AK47 catalog is simply that; Clear color photos of the AK47 and its variations. No filler text, or the same useless dimensions that are in every book. Volume 6 covers: Hungarian AKM-63, AMP-69, AK-63 & NGMYugoslavian M-70, M-70A, M-70B seriesCzechoslovakian vz 58 prototypes and concept modelsCzechoslovakian Lada family"Amazon edition" is the same as other versions, just printed by Amazon.

In this fascinating book, Kahaner tells the story of this ubiquitous and deadly weapon, contrasting it with the admittedly inferior M-16 and chronicling the role the AK-47 has played in conflicts from Vietnam and Iraq to Rwanda and Colombia.

Optical Fiber Technology and Applications: Recent advances, comprised of 10 chapters written by leading experts in the field, documents the cutting-edge work of new material composition and waveguide design-based specialty optical fibers and their photonic devices. Highlighting the most recent progress and trends in optical fiber technology, this book covers important topics such as specialty optical fibers, optical amplifiers, radiation dosimetry, borosilicate glass radiation effect, fiber optic temperature sensors, pulsed fiber lasers, non-linear fiber optics, solitons, supercontinuum generation, and fiber-optic-based 5G networks. Solely devoted to the most recent achievements in the development of different varieties of specialty optical fibers this book serves as a universal resource for future development in the field while providing students, researchers, and technology managers with valuable, timely, and unbiased information on the subject. Part of IOP Series in Emerging Technologies in Optics and Photonics.

Pandex Current Index to Scientific and Technical Literature

Kalashnikov AK47 Series

The Weapon that Changed the Face of War

Data Science and Analytics

Proceedings of the 14th International Conference on X-Ray Lasers

Making Sense of Pakistan

Popularly known as the AK47 or just AK, the 7.62mm Avtomat Kalashnikov obrazets 1947g was accepted into service by the Soviet Army in 1947. Despite its widespread use by the Soviet armed forces, the AK only became known in the West during the Hungarian Revolution of 1956, when Soviet troops sent to quell the uprising carried the new weapon. Since then it has become probably the most widely recognized firearm of all time, having seen action in most of the conflicts of the past six decades. The Kalashnikov has been produced in many variants and calibres, and this book concentrates on those in the original 7.62mm form. Illustrated with over 350 colour photographs of AK variants produced around the world, including close-ups of the many fascinating detail

differences, this work will be an invaluable addition to the bookshelf of anyone with an interest in modern military firearms. The most widely used firearm of the post-war era - the Kalashnikov rifle has become an icon of revolutionary struggle. Covers the principal design features of the AK variants that used the original 7.62x39mm M1943 cartridge. Will be of great interest to militaria enthusiasts, collectors and military historians of modern military firearms. Superbly illustrated with 350 colour photographs showing the different versions produced around the world. Martin J Brayley has a keen interest in military history and is a professional photogapher, author and dedicated militaria researcher and collector.

These proceedings comprise invited and contributed papers presented at the 14th International Conference on X-Ray Lasers (ICXRL 2014). This conference is part of a continuing series dedicated to recent developments and applications of x-ray lasers and other coherent x-ray sources with attention to supporting technologies and instrumentation. New results in the generation of intense, coherent x-rays and progress toward practical devices and their applications in numerous fields are reported. Areas of research in plasma-based x-ray lasers, 4th generation accelerator-based sources and higher harmonic generation, and other x-ray generation schemes are covered. The scope of ICXRL 2014 included, but was not limited to: Laser-pumped X-ray lasers Discharge excitation and other X-ray laser pumping methods Injection/seeding of X-ray amplifiers New lasing transitions and novel X-ray laser schemes High Harmonic sources-Free-electron laser generation in the XUV and X-ray range Novel schemes for coherent XUV and X-ray generation XUV and X-ray optics and metrology-Driving laser technology Theory and modeling of X-ray gain medium and beam characteristics Applications of high brightness and ultrashort X-ray sources

Drawing from a long history of indigenous traditions and incorporating diverse influences of surrounding cultures, music in Palestine and among the millions of Palestinians in diaspora offers a unique window on cultural and political events of the past century. From the perspective of scholars, performers, composers, and activists, Palestinian Music and Song examines the many ways in which music has been a force of representation, nation building, and social action. From the turn of the 20th century, when Palestine became an exotic object of fascination for missionaries and scholars, to 21st-century transnational collaborations in hip hop and new media, this volume traces the conflicting dynamics of history and tradition, innovation and change, power and resistance. A detailed, fully illustrated study of the most recognizable assault rifle ever produced. The Kalashnikov AK-47 is the most ubiquitous

assault rifle in the world, with more AK-47s and its variants in use than any other individual small arm. Created by Senior Sergeant Mikhail Kalashnikov, and first adopted by the USSR soon after World War II, its production continues to this day, with an estimated 75 million produced worldwide. Supported by photographs and original artwork, this book takes a look at the complete history of the weapon, discussing its design, development, and usage, taking its story from the great armies of the Soviet Union to the insurgents and criminal gangs that often employ the weapon today.

Paramilitarism

High-Performance Fibres

Methods of Measuring Magnetic Fields

Force Structure, Tactics, and Modernization of the Russian Ground Forces

Laser Plasma Physics

The Collectors' Guide to Bayonets for the AK and Its Variations

Traces the history of the AK-47 assault rifle, from its inception to its use by more than fifty national armies around the world, to its role in modern-day Afghanistan, discussing how the deadly weapon has helped alter world history.

This book demonstrates how the new phenomena in superconductivity on the nanometer scale (FFLO state, triplet superconductivity, Crossed Andreev Reflection, synchronized generation etc.) serve as the basis for the invention and development of novel nanoelectronic devices and systems. It demonstrates how rather complex ideas and theoretical models, like odd-pairing, non-uniform superconducting state, pi-shift etc., adequately describe the processes in real superconducting nanostructures and novel devices based on them. The book is useful for a broad audience of readers, researchers, engineers, PhD-students, lectures and others who would like to gain knowledge in the frontiers of superconductivity at the nanoscale.

This book gathers outstanding research papers presented at the International Conference on Frontiers in Computing and Systems (COMSYS 2020), held on January 13-15, 2019 at Jalpaiguri Government Engineering College, West Bengal, India and jointly organized by the Department of Computer Science & Engineering and Department of Electronics & Communication Engineering. The book presents the latest research and results in various fields of machine learning, computational intelligence, VLSI, networks and systems, computational biology, and security, making it a rich source of reference material for academia and industry alike.

The book informs about agricultural landscapes, their features, functions and regulatory mechanisms. It characterizes agricultural production systems, trends of their development, and their impacts on the landscape. Agricultural landscapes are multifunctional systems, coupled with all nexus problems of the 21st century. This has led to serious discrepancies between agriculture and environment, and between urban and rural population. The mission, key topics and methods of research in

order to understanding, monitoring and controlling processes in rural landscapes is being explained. Studies of international expert teams, many of them from Russia, demonstrate approaches towards both improving agricultural productivity and sustainability, and enhancing ecosystem services of agricultural landscapes. Scientists of different disciplines, decision makers, farmers and further informed people dealing with the evolvement of thriving rural landscapes are the primary audience of this book.

Monthly Index of Russian Accessions

Monthly List of Russian Accessions

Forces and the Nonlinearity Principle

Firearms: An Illustrated History

Rifle Marksmanship

Proceedings of the First International Conference, ADOP 2021, St. Petersburg, Russia, June 7-9, 2021

This open access book presents the history, pharmacokinetics and pharmacodynamics of levothyroxine, discussing its role in the thyroid pathophysiology of patients of various ages and during pregnancy. It also describes the influence of levothyroxine on heart, bone and in cancer. When it was first synthesized in 1949, levothyroxine represented a significant advance in the treatment of hypothyroidism, providing a safe and effective treatment option for millions of hypothyroid patients around the globe.

This synthetic form of thyroxine is now one of the most prescribed drugs in the world. Levothyroxine was first introduced by Merck KGaA, Darmstadt, Germany, in 1972, and since then the company has remained actively engaged in research on this mainstay of hypothyroidism treatment. This book is intended for healthcare professionals.

This important new handbook provides comprehensive coverage of how high performance fibres are designed and manufactured and covers their capabilities and applications. The high-modulus, high-tenacity (HM-HT) fibres fall naturally into three groups – polymer fibres such as aramids and polyethylene fibres; carbon fibres such as Kevlar; and inorganic fibres based on glass and ceramic fibres. The books shows how high performance fibres are being increasingly used for a wide range of applications including goetextiles and geomembranes and for construction and civil engineering projects as well as in specialist fibres within composite materials where their ability to fulfil demanding roles makes them an effective choice for the engineer and materials scientist. Provides a comprehensive overview of how high performance fibres are designed and manufactured and covers their capabilities and applications Explains how high performance fibres are being increasingly used for a wide range of applications, including geotextiles and geomembranes and construction and civil engineering projects

This book features selected papers presented at the First International Conference on Agriculture Digitalization and Organic Production (ADOP 2021), held in St. Petersburg, Russia, on June 07–09, 2021. The contributions, written by professionals, researchers and students, cover topics in the field of agriculture, biology, robotics, information technology and economics for solving urgent problems in digitalization of organic livestock and crop production. The conference is organized by the St.

Petersburg Federal Research Center of the Russian Academy of Sciences (SPC RAS) and the Technische Universitat Kaiserslautern. The book will be useful to researchers of interdisciplinary issues of digitalization and robotization of agricultural production, as well as farmers and commercial companies, which introduce new technologies in crop production and animal husbandry. The book also covers a range of issues related to scientific training of graduate students in the areas of "Mechatronics and robotics", "Control in technical systems" and "Technologies, means mechanization and energy equipment in rural, forestry and fisheries".

Everything you wanted to know about industrial gas turbines for electric power generation in one source with hard-to-find, hands-on technical information.

Evidence and Rational Based Research on Chinese Drugs

International Law and New Wars

Amazon Edition

Weaponomics: the global market for assault rifles

Expression and Resistance Since 1900

Proceedings of International Conference on Frontiers in Computing and Systems

Abstract: This paper introduces the first effort to quantitatively document the small arms market by collating field reports and journalist accounts to produce a cross-country time-series price index of Kalashnikov assault rifles. A model of the small arms market is developed and empirically estimated to identify the key determinants of assault rifle prices. Variables which proxy the effective height of trade barriers for illicit trade are consistently significant in determining weapon price variation. When controlling for other factors, the collapse of the Soviet Union does not have as large an impact on weapon prices as is generally believed.

This fascinating visual account of firearms shows everything from the earliest cannons to modern weapons of war. It also highlights how gun technology and military tactics developed in tandem over time. Centuries ago, the Chinese discovered that if they put gunpowder and a projectile into a metal tube and ignited it, they could fire the projectile with enormous force. The first guns were born. Firearms: An Illustrated History showcases over 300 firearms including pistols, revolvers, rifles, shotguns, machine-guns, and artillery, each with annotated close-up photographs and details of their origins, barrel, and caliber. It details the use of the firearms, not just in the military but for sport, hunting, and law enforcement. This comprehensive volume traces the history of firearms, highlighting "turning points" such as the rifle with its parallel spiraled grooves that could impart a spin to bullets making them fly straighter. It also showcases iconic firearms such as the Walther PPK self-loading pistol popularised in James Bond films. With information on the great gunsmiths including Beretta and Kalashnikov and a detailed guide to how guns work, Firearms: An Illustrated History is an essential purchase for everyone interested in guns and military history. Russia has long used political, military, economic, informational, and clandestine tools against countries in the Black Sea region. In this

report, the authors present elements of a Western strategy to counter Russian malign influence and aggression.

From the deserts of Sudan to the jungles of Colombia, and from the streets of Belfast to the mountains of Kurdistan, paramilitaries have appeared in violent conflicts in very different settings.

Paramilitaries are generally depicted as irregular armed organizations that carry out acts of violence against civilians on behalf of a state. In doing so, they undermine the state's monopoly of legitimate violence, while at the same time creating a breeding ground for criminal activities. Why do governments with functioning police forces and armies use paramilitary groups? This study tackles this question through the prism of the interpenetration of paramilitaries and the state. The author interprets paramilitarism as the ability of the state to successfully outsource mass political violence against civilians that transforms and traumatizes societies. It analyses how paramilitarism can be understood in global context, and how paramilitarism is connected to transformations of warfare and state-society relations. By comparing a broad range of cases, it looks at how paramilitarism has made a profound impact in a large number of countries that were different, but nevertheless shared a history of pro-government militia activity. A thorough understanding of paramilitarism can clarify the direction and intensity of violence in wartime and peacetime. The volume examines the issues of international involvement, institutional support, organized crime, party politics, and personal ties.

5th International Conference on Recent Developments in Science, Engineering and Technology, REDSET 2019, Gurugram, India, November 15-16, 2019, Revised Selected Papers, Part II

Astronautics Information

Food Security in Protracted Crises

The AK47 Catalog Volume 6

Russia, NATO, and Black Sea Security

The AK-47

International Law and New Wars examines how international law fails to address the contemporary experience of what are known as 'new wars' - instances of armed conflict and violence in places such as Syria, Ukraine, Libya, Mali, the Democratic Republic of Congo and South Sudan.

International law, largely constructed in the nineteenth and twentieth centuries, rests to a great extent on the outmoded concept of war drawn from European experience - inter-state clashes involving battles between regular and identifiable armed forces. The book shows how different approaches are associated with different interpretations of international law, and, in some cases, this has dangerously weakened the legal restraints on war established after 1945. It puts forward a practical case for what it defines as second generation human security and the implications this carries for international law.

Methods of Measuring Magnetic FieldsThe AK47 catalog volume 1Lulu.com

Rifle Marksmanship, the official U.S. Marines reference publication 3-01A, is the complete guide to becoming proficient on the Corps' service rifles: the M16A4 and the M4 carbine. In addition to marksmanship techniques, the manual covers component parts, ammunition; cleaning, servicing and maintenance; operation and safety; firing positions; and engagement and low-light techniques. Illustrated throughout with clear and detailed photographs and drawings, Rifle Marksmanship will be of value to anyone interested in becoming a better rifle marksman, regardless of gun fired. From the Foreword: Marine Corps Reference Publication 3-01A, Rifle Marksmanship, presents how the Service rifle/carbine is employed by the individual Marine, contains the skills and techniques required for individual rifle marksmanship, and provides the skills that are required for basic through advanced marksmanship. This publication is intended to be used as a reference guide concerning marksmanship skills for unit commanders, trainers, and individual Marines. It presents marksmanship techniques organized by topic, and within each of those topics, techniques are broken down further as they apply to employment with the rifle combat optic (the primary sighting system) and with backup iron sights.

Physics and Engineering of Radiation Detection presents an overview of the physics of radiation detection and its applications. It covers the origins and properties of different kinds of ionizing radiation, their detection and measurement, and the procedures used to protect people and the environment from their potentially harmful effects. The second edition is fully revised and provides the latest developments in detector technology and analyses software. Also, more material related to measurements in particle physics and a complete solutions manual have been added.

Discusses the experimental techniques and instrumentation used in different detection systems in a very practical way without sacrificing the physics content Provides useful formulae and explains methodologies to solve problems related to radiation measurements Contains many worked-out examples and end-of-chapter problems Detailed discussions on different detection media, such as gases, liquids, liquefied gases, semiconductors, and scintillators Chapters on statistics, data analysis techniques, software for data analysis, and data acquisition systems

Fundamentals of Superconducting Nanoelectronics

The Russian Way of War

Palestinian Music and Song

Mass Violence in the Shadow of the State

COMSYS 2020