

Free epub Nuclear weapons in the information age [PDF]

A History of the World in 100 Weapons Nuclear Weapons in the Cold War The Gun that Changed the World The Role and Control of Weapons in the 1990s The M16 Weapons of Choice Report of the Special Committee on Nuclear Weapons in the Atlantic Alliance Weapons in Space Guns in America U.S. Nuclear Weapons in Canada The MP5 Submachine Gun Machine Guns and the Great War Creating Safe Schools: Weapons in schools : NSSC resource paper U.S. Armed Forces Arsenal With Honour & Glory Hafted Weapons in Medieval and Renaissance Europe Hitler's Anti-Tank Weapons 1939-1945 SAS and Elite Forces Guide Armed Combat Weapons of Delta Force Weapons of the US Special Operations Command SAS and Elite Forces Guide Armed Combat Second Interim Report on Nuclear Weapons in Europe Mauser Military Rifles The Treaty on the Prohibition of Nuclear Weapons US Combat Shotguns Impact Weapons Proliferation and War in the Greater Middle East The Gun The Ultimate Book of Weapons Advocating Weapons, War, and Terrorism The MacHine Gun V1 Doomsday Weapons in the Hands of Many Medieval Handgonnes A Global History of the Nuclear Arms Race After Hiroshima The Uzi Submachine Gun GUN BARONS Animal Weapons Dew of Death Preemption, Prevention and Proliferation

A History of the World in 100 Weapons

2014-04-20

our history has been shaped and changed by weapons the smallest advances in weapons development have helped to build and overthrow empires changed the course of civilization driven modern technology and won wars for thousands of years individual pieces of weaponry have come to symbolize struggles and nations from the roman gladius to the english longbow and from the flintlock musket through to the ak47 this book reveals the weapons that had the greatest impact on our history explaining how and why they came to prominence and uncovers the lasting effect they had on the world

Nuclear Weapons in the Cold War

2014-10-31

harold brode probably knows more about nuclear weapons effects than any other person alive physics today vol 58 the role that the invention of nuclear weapons played in bringing world war ii to an end remains debatable but the fact is undeniable that these powerful new weapons drastically changed the nature and potential intensity of modern warfare thankfully as of january 2014 no nuclear weapons have been employed in combat since august 1945 for the first few decades following the invention of the atomic bomb many military and political experts believed a nuclear war was inevitable within the next few years however and to the world s good fortune not a single nuclear weapon has been detonated in warfare since those first two nuclear weapons were dropped on the japanese cities of hiroshima and nagasaki during the last days of world war ii one could argue that the more than 2000 nuclear devices or weapons detonated by this country in subsequent tests over the past nearly seventy years have carried implicit aggressive connotations in fact decades of intensive research and a multitude of tests conducted by an increasing number of nations have led to the development of a plethora of ever more powerful and sophisticated nuclear weapons how could all those social scientists and military experts have been so wrong about the likelihood or the inevitability of nuclear war and will this grace period that has lasted so many decades soon come to a disastrous end and those dire predictions so universally feared at last become a reality answers to these questions are not easily available nor when offered are they ever entirely convincing however for more than two thirds of a century that much feared nuclear holocaust has yet to become our fate clearly this happy avoidance is not due just to good fortune in fact the threat of atomic warfare now appears less likely than it ever has since the detonation of that first nuclear explosive device perched on a steel tower at almagordo in the new mexico desert on july 16 1945 this current account attempts to answer the question why and how were we able to survive the cold war in regard to who won the answer has many facets some of which are examined in chapters that follow although not always convincingly or exhaustively and some of that discussion may help reveal the answers as to why this so called cold war has so far and so long succeeded in avoiding active nuclear conflicts as some of its more intriguing elements are explored a few issues are highlighted because they involve still persistent potential dangers many of these problems involve new technologies outside and beyond the continued development of multiple nuclear arsenals and they continue to threaten the world with possible greater hazard by their potential or possible employment in future nuclear warfare such an account does not spin a pretty

or a simple tale however running through this history are a multitude of explanations for our fortunate escape until now from that ever lurking nuclear doomsday the issues and events discussed in this book tend not to dwell upon the political or ideological aspects of nuclear war but rather in keeping with the nature of the author's involvement to focus on some of the technological and scientific aspects central to the cold war one chapter is an exception in that it is devoted to moral issues and the opinions expressed by some of those scientists politicians and some of the others that were most involved while clearly not a comprehensive account of the cold war this work does represent an informed insider's perspective on many of the significant events in that protracted and complex conflict that has been identified as the cold war partial answers to the question of who prevailed in that extended confrontation are to be discovered in the outcomes of those many events and issues that are reviewed

The Gun that Changed the World

2006-10-27

the russian word that is most frequently spoken throughout the world isn't lenin gulag or perestroika it's kalashnikov the reason for this is simple there are 80 million kalashnikovs in circulation on five continents once invented the ak 47 assault rifle became the most widely used weapon in the world from vietnam to palestine from cuba to iraq it was at the heart of conflicts and struggles everywhere it is the only firearm that has ever been depicted on a national flag that of mozambique where it symbolizes liberation mikhail kalashnikov himself who was born in 1919 here tells his life story with the help of elena joly for the first time his deportation to siberia with his family while still a child his time as a soldier in a tank regiment his invention of the world's most famous weapon and his turbulent life under stalin khrushchev brezhnev gorbachev and yeltsin this is a remarkable portrait of a man of ingenuity and vitality in the context of the often frightening and terribly unforgiving russia of the twentieth century

The Role and Control of Weapons in the 1990s

2012-08-21

with the end of the cold war many of the old threats to european security have disappeared new ones however are now emerging particularly in the light of the rise of nationalism and the spread of nuclear biological and chemical weapons to politically unstable countries the role and control of weapons in the 1990s examines these security issues the proliferation of nuclear weapons in the third world the threat from international terrorists the environmental damage caused by modern warfare to argue that control over weapons of mass destruction must be dramatically increased

The M16

2011-12-20

the m16 was first introduced in 1958 and was revolutionary for its time as it was made of lightweight materials including special aluminum and plastics it was first adopted by us special forces and airborne troops in 1962 before it was issued to army and marine units serving in vietnam its use spread throughout the following decades and a number of variants including submachine and carbine versions were also fielded as a result it is now amongst the three most used combat cartridges in the world while over 10 million m16s and variants have been produced making it one of the most successful american handheld weapons in history but despite its undeniable success the m16 is not without its detractors indeed the black rifle as it is known is one of the most controversial rifles ever introduced with a long history of design defects ruggedness issues cleaning difficulties and reliability problems leading to endless technical refinements this volume provides a technical history of the m16 and the struggle to perfect it together with an assessment of its impact on the battlefield drawing on over a decade s combat experience with the rifle

Weapons of Choice

2006

history and deployment of smart weapons in the united states efforts to develop precision guided munitions pgms began during the first world war and resulted in an aerial torpedo by the 1920s while world war ii was dominated by large scale strategic bombing essentially throwing out tons of free falling munitions in the hope they hit something important both sides in the war worked to develop airborne munitions that could be steered toward a target however after that war u s national security policy focused on the atomic bomb hardly a weapon that needed to be directed with accuracy the cost of emphasis on atomic weapons was revealed in the general unsuitability of american tactics and weapons deployment systems during the vietnam war lessons learned in that conflict coupled with rapid technological developments in aerodynamics lasers and solid state electronics brought air power dramatically closer to the surgical strike now seen as crucial to modern warfare new technology created attractive choices and options for american policymakers as well as field commanders and events in the arab israeli wars the u s raid on libya and most dramatically in the first gulf war created an ever increasing demand for the precision weapons the prospect of pinpoint delivery of weapons right to the enemy s door by speeding aircraft seems to presage war in which the messy and politically risky deployment of ground troops is unnecessary the potential of such weapons and their strategic limitations made the gulf war and iraqi war living theater for assessing what such weapons can and cannot do and have important implications for planning for future warfare

Report of the Special Committee on Nuclear Weapons in the Atlantic Alliance

1985

a new and provocative take on the formerly classified history of accelerating superpower military competition in space in the late cold war and beyond in march 1983 president ronald reagan shocked the world when he established the strategic defense initiative sdi derisively known as star wars a space based missile defense program that aimed to protect the us from nuclear attack in weapons in space aaron bateman draws from recently declassified american european and soviet documents to give an insightful account of sdi situating it within a new phase in the militarization of space after the superpower détente fell apart in the 1970s in doing so bateman reveals the largely secret role of military space technologies in late cold war us defense strategy and foreign relations in contrast to existing narratives weapons in space shows how tension over the role of military space technologies in american statecraft was a central source of sdi s controversy even more so than questions of technical feasibility by detailing the participation of western european countries in sdi research and development bateman reframes space militarization in the 1970s and 1980s as an international phenomenon he further reveals that even though sdi did not come to fruition it obstructed diplomatic efforts to create new arms control limits in space consequently weapons in space carries the legacy of sdi into the post cold war era and shows how this controversial program continues to shape the global discourse about instability in space and the growing anxieties about a twenty first century space arms race

Weapons in Space

2024-05-07

documenting and analyzing the history of firearms in america this book explores various aspects of gun manufacture ownership and use and the cultural and political implications which this history reveals it presents a diverse array of writings which range from puritan sermons to nra documents

Guns in America

1999-04

in this second volume of his nuclear weapon series john clearwater continues to investigate the presence of american nuclear weapons in canada in canadian nuclear weapons clearwater told the story of nuclear weapons that were in the hands of canadian forces during the cold war in u s nuclear weapons in canada he goes further looking at nuclear weapons held by american forces on canadian soil his purpose is to bring together until recently secret information about the nature of the nuclear weapons stored stationed or lost in canada by the united states air force and the united states navy and combines it with known information about the systems in the u s nuclear arsenal the history of the atomic bomb in canada goes back to the first years immediately after world war ii when the u s government under the prodding of the

newly created strategic air command began a slow and steady process of talks designed to allow goose bay to be groomed for the eventual acceptance of nuclear weapons crashes and nuclear accidents conspiracies and cover ups clearwater examines them all in great detail the reader will see for the first time the minutes of cabinet and the cabinet defence committee meetings in which the storage of nuclear weapons are discussed also printed here for the first time are the agreements between canada and the u s for the storage of nuclear weapons many of the documents presented here were until recently classified as secret and many were top secret

U.S. Nuclear Weapons in Canada

1999-10-01

since the mid 1960s the heckler koch mp5 has become the most widely used submachine gun in the world especially among counterterrorist and special operations units lightweight and offering a blistering rate of fire of up to 900 rounds per minute the mp5 quickly earned a reputation for accuracy fielded early by west germany s gsg 9 counterterrorist unit it was soon adopted by the sas today military and police agencies in over 80 countries from albania to zambia utilize the weapon featuring specially commissioned full color photographs and expert analysis this engaging study charts the origins use and impact of the mp5 heckler koch s innovative and long lived submachine gun

The MP5 Submachine Gun

2014-07-20

the machine gun is one of the iconic weapons of the great war indeed of the twentieth century yet it is also one of the most misunderstood during a four year war that generated unprecedented casualties the machine gun stood out as a key weapon in the process it took on an almost legendary status that persists to the present day it shaped the tactics of the trenches while simultaneously evolving in response to the tactical imperatives thrown up by this new form of warfare paul cornish in this authoritative and carefully considered study reconsiders the history automatic firepower and he describes in vivid detail its development during the first world war and the far reaching consequences thereof he dispels many myths and misconceptions that have grown up around automatic firearms but also explores their potency as symbols and icons

Machine Guns and the Great War

2021

today s arsenal of war contains some of the most sophisticated weapons ever seen on the battlefield the technological revolution has drastically altered how war is fought and brought about the invention of some highly unusual and effective weapons in the recent war with iraq we caught a glimpse of the new high tech weapons in america s arsenal and the wide ranging array of modern equipment and

transportation used by our armed forces america s modern military hardware is the envy and fear of the world in u s armed forces arsenal noted military historian samuel a southworth takes the reader on an informal and informative guided tour of this new arsenal of weaponry he explains in clear and concise prose the new generation of military hardware from rifles to mortars jeeps to tanks robotic drones to night vision sensors and all manner of bombs missiles and rockets the arms and armaments that have reshaped the way the u s goes to war on land and sea and in the air

Creating Safe Schools: Weapons in schools : NSSC resource paper

1995

this book details the nuclear weapon capabilities of india and pakistan prior and subsequent to the pokharan and chagai tests of 1998 it also deals wth the delivery systems available to both sides and with possible command structure for the emerging nuclear arsenals

U.S. Armed Forces Arsenal

2009-09-09

this archival source document of the middle ages and renaissance describes the development manufacture and use of european staff weapons and provides new information using existing objects and archival material their effect on the modern map of europe is discussed

With Honour & Glory

2000

this illustrated wwii history captures the evolution of nazi germany s anti armor weaponry through rare archival wartime photos hitler s wehrmacht and ss units will be remembered for their aggressive blitzkrieg tactics but as the war progressed the germans developed an impressive range of anti tank warfare weaponry and munitions using many rare unpublished images this images of war book covers the full nazi anti armor capability also featured are the half tracks and converted panzers that pulled or mounted these weapons and carried observers and reconnaissance elements forward later hand held anti tank weapons came into service and were effective against allied armor the panzerfaust with its shaped charge warhead became the first disposable anti tank weapon in history this comprehensive book shows this formidable range of weapons in action from poland in 1939 through north africa and the eastern front to the final collapse of the third reich in 1945

Hafted Weapons in Medieval and Renaissance Europe

2005-08-01

the book explores the different uses of hand weapons from pistols to semiautomatics to sniper s rifles from flick knives to machetes from stun grenades to cs gas from knuckle dusters to nunchaku sticks with tips and techniques from combat experts the book explains which weapon to choose for given situations and how to use each weapon with more than 300 easy to follow illustrations and handy pull out lists of key training tips guns knives other personal weapons is the definitive guide for anyone wanting to be ready for anything

Hitler's Anti-Tank Weapons 1939-1945

2020-05-30

america s elite counterterrorist organization delta force is a handpicked group of the u s army s finest soldiers the group specializes in hostage rescues and other difficult procedures to protect the lives of americans throughout the world delta uses some of the most sophisticated weapons in the field today and all are detailed in this book pistols sniper rifles special mission aircraft fast attack vehicles scuba and paratrooper gear and more are presented in this fully illustrated account of our country s heroes and their tools of the trade

SAS and Elite Forces Guide Armed Combat

2013

the units and formations of the us special operations command socom have privileged access to the finest weaponry in the world s arsenal whether army navy air force or marines the socom troops select weapons that match their mission requirements but which also sit at the cutting edge of combat technology this means that while socom troops frequently use standard issue weaponry they also adopt many specialist pieces of kit that are not so accessible to the broader armed services including sniper rifles battle rifles and machine guns as well as high tech tactical accessories used to transform standard weaponry into something exceptional assessing the technology and capabilities of these combat weapons as well as how they have been used in modern combat this fully illustrated study lifts the veil on some of the most distinctive hand held weapon systems of us special operations forces since 1987

Weapons of Delta Force

2010-04-05

the book explores the different uses of hand weapons from pistols to semiautomatics to sniper s rifles from flick knives to machetes from

stun grenades to cs gas from knuckle dusters to nunchaku sticks with tips and techniques from combat experts the book explains which weapon to choose for given situations and how to use each weapon with more than 300 easy to follow illustrations and handy pull out lists of key training tips guns knives other personal weapons is the definitive guide for anyone wanting to be ready for anything

Weapons of the US Special Operations Command

2019-07-25

this volume offers an insight into the iconic mauser family of german bolt action rifles drawing on first hand accounts of the weapons in combat and primary sources regarding their mechanical performance this fully illustrated study charts the mauser s origins combat record and lasting influence it explores the full range of mauser rifles beginning with the hugely successful gew 98 which entered service in the time of the kaiser provided the basis for the us springfield m1903 and equipped combatants such as the south african boers it also investigates the kar 98k which was still in front line use with wehrmacht troops in 1945 saw use with mexican and yugoslavian forces and even played a role in the 1990s balkan conflicts in the hands of snipers featuring expert analysis specially commissioned artwork and gripping first hand accounts this volume is ideal for anyone seeking an understanding of these sturdy and accurate rifles unique place in the history of small unit tactics in the 20th century

SAS and Elite Forces Guide Armed Combat

2013-06-04

this commentary offers detailed background and analysis of the treaty on the prohibition of nuclear weapons which was adopted at the un headquarters in new york in july 2017 the treaty comprehensively prohibits the use development export and possession of nuclear weapons stuart casey maslen a leading expert in the field who served as legal adviser to the austrian delegation during the negotiations of this treaty works through article by article describing how each provision was negotiated and what it implies for states that join the treaty as the treaty provisions cut across various branches of international law the commentary goes beyond a discussion of disarmament to consider the law of armed conflict human rights and the law on inter state use of force the commentary examines the relationship with other treaties addressing nuclear weapons in particular the treaty on the non proliferation of nuclear weapons npt background on the development and possession of nuclear weapons and theories of nuclear deterrence is provided particular attention is paid to controversial issues such as assistance for prohibited activities the meaning of threaten to use and the definition of nuclear explosive devices casey maslen also considers whether a member of nato or other nuclear alliance can lawfully become a state party to the treaty

Second Interim Report on Nuclear Weapons in Europe

1983

when a soldier must face multiple opponents at close quarters few weapons can match the effectiveness of the shotgun from world war i to the war on terror the shotgun has been a devastating weapon in the hands of us troops for urban combat prisoner control and shipboard operations it remains as deadly today as it was a century ago this book examines various types from the early combat shotguns through to the riot gun and trench gun versions used in world war I so effective was the trench shotgun the germans complained it violated the rules of war as an inhumane weapon and threatened to execute troops captured carrying one more recently during the war on terror shotguns have been used to clear cave complexes in afghanistan and buildings in iraq but especially to blow doors open during entries and searches featuring specially commissioned full color artwork this is the story of the origins development and the use of the combat shotgun in us service from the trenches of world war I to the korean and vietnamese wars and lately the cave complexes of afghanistan

Mauser Military Rifles

2015-03-20

it all began with a loose knit group of scientists and engineers in weimar germany fixated on the idea of rocket propulsion they formed the society for space travel in 1927 some people called them dreamers who gained their inspiration from jules verne and the movie the woman in the moon their experiments with rockets often came to naught and sometimes blew up in their inventors hands twelve years later adolf hitler had plunged germany into the most terrible war in history by mid 1944 german armies were reeling on all fronts and vast allied bomber fleets were devastating the third reich while germany had no strategic air force of its own the allies after their conquest of normandy thought the war would be over by christmas but then the german rockets appeared from the flaming continent of europe robot bombs with one ton warheads suddenly came soaring against england these sinister weapons took no evasive action and could not be deterred by bad weather or darkness they could not be stopped unless they were destroyed this book provides rare unpublished information on the terror that fell on antwerp and the city of liège in the winter of 1944 45 the rockets did not stop falling until their launch sites had been overrun by allied troops this work provides an operational context to the third reich s missles that has previously been neglected or ignored jacket flap

The Treaty on the Prohibition of Nuclear Weapons

2019-01-31

this important new book explores the strategic reasons behind the proliferation of nuclear biological and chemical weapons as well as ballistic missile delivery systems in the greater middle east it examines the uses and limitations of chemical weapons in regional combat ballistic missile warfare and defenses as well as iran s drive for nuclear weapons and the likely regional reactions should tehran acquire a nuclear

weapons inventory this book also discusses chinese assistance to wmd and ballistic programs in the greater middle east finally this book recommends policy options for american diplomacy to counter the challenges posed by wmd proliferation this essential study prepares the ground for the challenges facing the international community richard russell is a professor at the national defense university s near east south asia center for strategic studies in washington dc he also teaches at the security studies program at georgetown university he previously served as a political military analyst at the cia

US Combat Shotguns

2013-08-20

at a secret arms design contest in stalin s soviet union army technicians submitted a stubby rifle with a curved magazine dubbed the ak 47 it was selected as the eastern bloc s standard arm scoffed at in the pentagon as crude and unimpressive it was in fact a breakthrough a compact automatic that could be mastered by almost anyone last decades in the field and would rarely jam manufactured by tens of millions in planned economies it became first an instrument of repression and then the most lethal weapon of the cold war soon it was in the hands of terrorists in a searing examination of modern conflict and official folly c j chivers mixes meticulous historical research investigative reporting and battlefield reportage to illuminate the origins of the world s most abundant firearm and the consequences of its spread the result a tour de force of history and storytelling sweeps through the miniaturization and distribution of automatic firepower and puts an iconic object in fuller context than ever before the gun dismantles myths as it moves from the naïve optimism of the industrial revolution through the treacherous milieu of the soviet union to the inside records of the taliban chivers tells of the 19th century inventor in indianapolis who designs a civil war killing machine insisting that more efficient slaughter will save lives a german attaché who observes british machine guns killing islamic warriors along the Nile advises his government to amass the weapons that would later flatten british ranks in world war i in communist hungary a locksmith acquires an ak 47 to help wrest his country from the kremlin s yoke beginning a journey to the gallows the pentagon suppresses the results of firing tests on severed human heads that might have prevented faulty rifles from being rushed to g i s in vietnam in africa a millennial madman arms abducted children and turns them on their neighbors setting his country ablaze neither pro gun nor anti gun the gun builds to a terrifying sequence in which a young man who confronts a trio of assassins is shattered by 23 bullets at close range the man survives to ask questions that chivers examines with rigor and flair throughout the gun animates unforgettable characters inventors salesmen heroes megalomaniacs racists dictators gunrunners terrorists child soldiers government careerists and fools drawing from years of research interviews and from declassified records revealed for the first time he presents a richly human account of an evolution in the very experience of war

Impact

1998

this is a unique and most exhaustive encyclopedia of weapons of all kinds in a single volume from swords to rifles from tanks to fighter

aircrafts from nuclear submarines to ballistic missiles from hydrogen bombs to biological warfare everything is here this book tells you not only all about weapons their design technology and designers but also about the men who made them the men who used them and the impact they made on the course of history why do we need this book firstly because such a book does not exist and secondly because the fate of nations is still decided by their wars that is indirectly by their weaponry given men of similar competence on both sides the quality of the weapons wielded by them will decide their fates you got to know more about the existing weapons if you desire to produce better weapons in future hence this book a must read for everybody who is fascinated by weapons and wants to know more about them including all men of arms namely people in the armed forces police and paramilitary forces professional scientists academicians and students who wish to learn about the technology of advanced things like nuclear biological and chemical weapons also of immense use to media people because day in and day out they have to speak or write of all sorts of weaponry without having adequate knowledge about anyone of them this is a reference which should be kept constantly at hand for absolutely authoritative information on any weapon system in the world the only affordable and complete encyclopedia of weaponry in the whole world exhaustive yet attractive informative yet interesting with 360 rare photographs it is the ultimate encyclopedia of weaponry

Weapons Proliferation and War in the Greater Middle East

2007-05-07

technē s paradox a frequent theme in science fiction is the commonplace belief that technology has both the potential to annihilate humanity and to preserve it advocating weapons war and terrorism looks at how this paradox applies to some of the most dangerous of technologies population bombs dynamite bombs chemical weapons nuclear weapons and improvised explosive devices hill s study analyzes the rhetoric used to promote such weapons in the nineteenth and twentieth centuries by examining thomas r malthus s essay on the principle of population the courtroom address of accused haymarket bomber august spies the army textbook chemical warfare by major general amos a fries and clarence j west the life and letters of manhattan project physicist leo szilard and the writings of ted unabomber kaczynski hill shows how contemporary societies are equipped with abundant rhetorical means to describe and debate the extreme capacities of weapons to both destroy and protect the book takes a middle way approach between language and materialism that combines traditional rhetorical criticism of texts with analyses of the persuasive force of weapons themselves as objects irrespective of human intervention advocating weapons war and terrorism is the first study of its kind revealing how the combination of weapons and rhetoric facilitated the magnitude of killing in the nineteenth and twentieth centuries and illuminating how humanity understands and acts upon its propensity for violence this book will be invaluable for scholars of rhetoric scholars of science and technology and the study of warfare

The Gun

2010-10-12

in the early 14th century a new weapon entered the arsenals of european armies this first generation of black powder weapons put fear into

the heart of the enemy and in 1453 ottoman cannon succeeded in pummelling the once impregnable walls of constantinople but cannons which are both slow and cumbersome were difficult to use and often proved inaccurate the first handgonnes were the answer easily dismissed by later historians as nothing more than crude tubes that shot wildly inaccurate lead balls more recent research has revealed the true accuracy of the medieval handgonne together with its penetrative power this volume complete with detailed illustrations and colour photographs of reconstructed handgonnes reveals the true history of what could easily have been the most revolutionary weapon in history this book will be a must for medieval enthusiasts and re enactors

The Ultimate Book of Weapons

2007

written by two preeminent authors in the field this book provides an accessible global narrative of the nuclear arms race since 1945 that focuses on the roles of key scientists military chiefs and political leaders the first book of its kind to provide a global perspective of the arms race this two volume work connects episodes worldwide involving nuclear weapons in a comprehensive narrative fashion beginning with a discussion of the scientific research of the 1930s and 1940s and the hiroshima decision the authors focus on five basic themes political dimensions technological developments military and diplomatic strategies and impact the history of the international nuclear arms race is examined within the context of four historical eras america s nuclear monopoly america s nuclear superiority superpower parity and the post cold war era information about the historical development of the independent deterrence of britain france and china as well as the piecemeal deterrence of newcomers israel india pakistan and north korea is also included as is coverage of the efforts aimed at the international control of nuclear weapons and the diplomatic architecture that underpins the global nuclear non proliferation regime

Advocating Weapons, War, and Terrorism

2018-09-18

by emphasising the role of nuclear issues after hiroshima published in 2010 provides an original history of american policy in asia between the dropping of the atomic bombs on japan and the escalation of the vietnam war drawing on a wide range of documentary evidence matthew jones charts the development of american nuclear strategy and the foreign policy problems it raised as the united states both confronted china and attempted to win the friendship of an asia emerging from colonial domination in underlining american perceptions that asian peoples saw the possible repeat use of nuclear weapons as a manifestation of western attitudes of white superiority he offers new insights into the links between racial sensitivities and the conduct of us policy and a fresh interpretation of the transition in american strategy from massive retaliation to flexible response in the era spanned by the korean and vietnam wars

The Machine Gun V1

2011-07-01

the uzi submachine gun is one of the most recognizable weapons in history its familiarity stems in part from the sheer diversity of its users uzis have been seen gripped and fired by us secret service agents and swat teams israeli soldiers european special forces as well as criminals and terrorists the world over the reasons they use the uzi are simple it provides devastating close range firepower in a reliable highly compact weapon the uzi submachine gun tells the story of this unique weapon it not only explores the gun s technical development and specifications and its history but also describes the uzi s combat use in a wide range of contexts from israeli soldiers battling on the golan heights in 1967 through to modern pirates operating off the coast of somalia the uzi also thrives in various commercial markets being a high selling semi auto design in the united states for example with a name given popular currency by the likes of arnold schwarzenegger and the simpsons the term uzi is instantly recognizable the full extent of its capabilities however are not thoroughly understood and this book presents the facts and challenges the myths of this remarkable weapon

Doomsday Weapons in the Hands of Many

1991-01-01

winner of the phi beta kappa award in science the story behind the stunning extreme weapons we see in the animal world teeth and horns and claws and what they can tell us about the way humans develop and use arms and other weapons in animal weapons doug emlen takes us outside the lab and deep into the forests and jungles where he s been studying animal weapons in nature for years to explain the processes behind the most intriguing and curious examples of extreme animal weapons fish with mouths larger than their bodies and bugs whose heads are so packed with muscle they don t have room for eyes as singular and strange as some of the weapons we encounter on these pages are we learn that similar factors set their evolution in motion emlen uses these patterns to draw parallels to the way we humans develop and employ our own weapons and have since battle began he looks at everything from our armor and camouflage to the evolution of the rifle and the structures human populations have built across different regions and eras to protect their homes and communities with stunning black and white drawings and gorgeous color illustrations of these concepts at work animal weapons brings us the complete story of how weapons reach their most outsized dramatic potential and what the results we witness in the animal world can tell us about our own relationship with weapons of all kinds

Medieval Handgonnes

2011-01-01

dr vilensky raises important concerns regarding the threats posed by lewisite and other weapons of mass destruction as he describes non

proliferation programs are a vital component in the war on terror richard g lugar united states senator joel vilensky s book is a detailed and immensely useful account of the development and history of one of the major chemical weapons we will always know how to make lewisite the dew of death but that does not mean that we should or be compelled to accept such weapons in our lives from the foreword by richard butler former head of un special commission to disarm iraq in 1919 when the great war was over the new york times reported on a new chemical weapon with the fragrance of geranium blossoms a poison gas that was the climax of this country s achievements in the lethal arts the name of this substance was lewisite and this is its story the story of an american weapon of mass destruction discovered by accident by a graduate student and priest in a chemistry laboratory at the catholic university of america in washington d c lewisite was developed into a weapon by winford lewis who became its namesake working with a team led by james conant later president of harvard and head of government oversight for the u s s atomic bomb program the manhattan project after a powerful german counterattack in the spring of 1918 the government began frantic production of lewisite in hopes of delivering 3 000 tons of the stuff to be ready for use in europe the following year the end of war came just as the first shipment was being prepared it was dumped into the sea but not forgotten joel a vilensky tells the intriguing story of the discovery and development of lewisite and its curious history during world war ii the united states produced more than 20 000 tons of lewisite testing it on soldiers and secretly dropping it from airplanes in the end the substance was abandoned as a weapon because it was too unstable under most combat conditions but a weapon once discovered never disappears it was used by japan in manchuria and by iraq in its war with iran the soviet union was once a major manufacturer strangely enough although it was developed for lethal purposes lewisite led to an effective treatment for a rare neurological disease

A Global History of the Nuclear Arms Race

2013-04-23

when aggression has already occurred the world is less likely to regard military response as a violation of the peace quester cites clausewitz s adage that the aggressor is always willing to exploit the world s preference for peace the rise of the human rights movement adds more complexities to preemptive war and prevention since the line between civilian and military casualties becomes increasingly blurred the risks may be great the choices are few but the needs of military policy making remain high on the agenda book jacket

After Hiroshima

2010-04-15

The Uzi Submachine Gun

2011-11-22

GUN BARONS

2021

Animal Weapons

2014-11-11

Dew of Death

2005-09-07

Preemption, Prevention and Proliferation

2009

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