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Digital Fortress 2004 when the national security agency s invincible code breaking machine encounters a mysterious code it cannot break the agency calls in its head cryptographer susan fletcher a brilliant beautiful mathematician what she uncovers sends shock waves through the corridors of power the nsa is being held hostage not by guns or bombs but by a code so complex that if released would cripple u s intelligence caught in an accelerating tempest of secrecy and lies fletcher battles to save the agency she believes in betrayed on all sides she finds herself fighting not only for her country but for her life and in the end for the life of the man she loves

The Fortress of Rhodes 1309-1522 2012-06-20 first besieged in 305 bc the island of rhodes became part of the roman empire and was later fortified in the byzantine style due to its strategic position in the mediterranean rhodes was also attacked and besieged for over a century by islamic forces this title details the development of these fascinating fortifications as well as the sieges that sought to reduce them

The German Fortress of Metz 1870-1944 2013-01-20 following the defeat of france in the franco prussian war of 1870 71 the german army began to construct a fortress line from strasbourg to luxembourg to protect their new territory the centrepiece of which was the great moselstellung moselle position of metz thionville illustrated with rare photographs and full colour cutaway artwork this book examines the design and development of the fortress and analyses its use in combat focusing particularly on the part it played in holding up general patton s third army s advance across france in 1944

<u>B-17 Flying Fortress Units of the MTO</u> 2012-12-20 although the fifteenth air force was dismissed as minor leaguers by the eighth air force strategic bombers from this outfit had done a major league job on axis targets in southern europe following its formation in italy in november 1943 and the heavy bombers employed by the fifteenth were of course the venerable b 17 and b 24 at its peak strength the fifteenth is b 17 force comprised six groups of four squadrons each all controlled by the 5th bomb wing having been a part of the fifteenth air force in 1944 author bill hess has long been waiting to write a definitive account on his air force

Fortress Monasteries of the Himalayas 2012-08-20 the spread of buddism and tibetan secular power throughout the himalayas led to a distinctive style of fortifications not found anywhere else this book looks at himalayan fortifications from their creation in the middle ages to their destruction and capture by the chinese in the 20th century

B-17 Flying Fortress Units of the Eighth Air Force (part 2) 2013-01-20 the boeing b 17 which has come to epitomise the american war effort in europe took the fight to germans from the late summer of 1942 through to ve day its primary operator in western europe was the mighty eighth who controlled 27 bomb groups for much of the war this second of two volumes covers the 14 bomb groups of the third air division first hand accounts period photography profile artworks and nose art scrap views bring to life aircraft from each of the groups within the third air division

Vietnam Firebases 1965-73 2012-08-20 artillery fire support bases of the freeworld forces played a critical role in the conduct of operations during the vietnam war they served to lay down high volume fire on enemy firing sites supported friendly infantry operations and executed harassing fire missions where exact targets were not known but the firebases themselves which housed a range of other facilities such as troop shelters surveillance radars and command centers had to be defended against ground attack and as a result became significant fortifications in their own right this book describes the design development and operational history of the fire support bases throughout the conflict

German V-Weapon Sites 1943-45 2012-08-20 designed to change the course of the war the v weapons required ambitious plans to defend their expensive and complicated launch sites steven j zaloga describes the configuration and planned deployment of heavy missile sites as well as the unique allied tactics developed to counter this threat including a remote control version of the b 17 bomber from the v 1 ski sites to the mobile basing employed by the v 2 units and the other secret weapons bases like the v 3 high pressure gun at mimoyeques this book examines the impact of these weapon systems and defences not only on the war but on modern weaponry with many of the sites described still surviving today this is a perfect companion for a tour of the v weapon sites built during world war ii

Panzer II vs 7TP 2015-05-20 hitler s lightning invasion of poland in 1939 marked the beginning of world war ii in europe this was the period when armoured warfare inscribed itself into global consciousness as the poles desperately sought to stave off the blitzkrieg at the heart of the fighting on the ground large numbers of nazi germany s pzkpfw ii battled against poland s better armed but much less numerous 7tp tank the two types both possessed unique strengths and weaknesses unlike the 7tp the pzkpfw ii was always equipped with radio which proved critical for command and control purposes in the heat of combat but the german tank was blighted by thin armour which could not withstand polish gunfire at combat ranges this fully illustrated detailed work evaluates the qualities and idiosyncrasies of each tank giving a stark

and arresting crewman s eye view of the brutal armoured combat at the height of the invasion of poland

American Coastal Defenses 1885-1950 2012-06-20 in the late 19th century with the advances in technology and the increase in america s economic stature a new round of fortification building began in the united states and its overseas territories locations such as portland boston new york baltimore charlestown savannah key west los angeles and san francisco were all extensively fortified this book provides a concise introduction to the design development and purpose of american coastal defenses in the modern era 1885 1950 a period defined by the use of concrete steel and powerful breech loading rifles it covers the emplacements weaponry equipment and people that defended their country in times of great change and uncertainty

Forts of the American Frontier 1776-1891 2011-10-20 with the violent separation between the united states and britain which began in 1776 the new americans set off to fulfill their manifest destiny and rule their new land from coast to coast as they pushed westward they came into conflict with both natives and other european settlers and began to build fortresses to defend their newly claimed land this book charts the development and variation of the fortresses of the american frontier covering both american defenses and those of the spanish in the west it also examines the little known forts of early russian settlers on the pacific coast

The Fortifications of Gibraltar 1068-1945 2013-09-20 gibraltar located at the meeting points of europe and africa preserves within its fortifications a rich testament to human conflict spanning 600 years in 1068 the ruling spanish muslims built a large fort there between 1309 and 1374 gibraltar underwent a period of intensive building and fortification and following the spanish reconquest of 1462 the inhabitants carried out further works in 1704 the latest uninterrupted period of british rule began the 18th century saw three sieges including the most severe known as the great siege which lasted from 1779 to 1783 during world war ii the rock served as a vital stop for supply convoys and naval staging base complete with a veritable warren of secret tunnels this book documents gibraltar s rich history and charts the development of these fascinating fortifications

King's African Rifles Soldier vs Schutztruppe Soldier 2016-09-22 specially commissioned artwork and thrilling combat accounts transport the reader to the far flung and inhospitable east african theatre of world war i where the schutztruppe faced off against the king s african rifles in an attempt to divert allied forces from the western front a small german colonial force under the command of oberst paul von lettow vorbeck raided british and portuguese territory despite being heavily outnumbered his expert use of guerrilla tactics forced the british to mount a series of offensives culminating in a major battle at nyangao mahiwa that saw both sides suffer heavy casualties meticulously researched analysis highlights the tactical and technological innovation shown by both armies as they were forced to fight in a treacherous climate where local diseases could prove just as deadly as the opposition

Greek Fortifications of Asia Minor 500-130 BC 2012-06-20 sandwiched between the heart of ancient greece and the lands of persia the greek cities of western anatolia were the spark that ignited some of the most iconic conflicts of the ancient world fought over repeatedly in the 5th century be their conquest by the persians provided a casus belli for alexander the great to cross the hellespont in 334 be and launch the battle of granicus and the sieges of miletus and halicarnassus a blend of greek and asian styles of military architecture these fortified cities were revolutionary in their multi linear construction successive defensive walls with loopholes and mural arches konstantin nossov illustrates the evolution of greek fortifications and the influences of the region they bordered in this fascinating study **Russian Fortresses 1480-1682** 2012-06-20 in 1462 the throne of the principality of moscow passed to ivan iii 1462 1505 who succeeded in throwing off the tatar yoke for the next 200 years this new state struggled to maintain her borders against a series of attacks from the lithuanians swedes and poles to the west as well as the tatars to the south they achieved this through the development of a network of fortified sites and a series of linear defensive systems this book examine how these fortifications were developed to respond to ever changing situations under the command of such charismatic rulers as ivan the terrible right through to the military reforms of peter the great

Apache Warrior vs US Cavalryman 2016-08-25 from the 1840s onward united states military forces clashed with the apache a group of native american peoples associated with the southwestern part of north america us territorial expansion and conflict first with mexico and then during the civil war led to an escalation of hostilities that culminated in the defeat of the apache leader geronimo in 1886 although fighting continued into the 20th century in this study the clashes at cieneguilla 1854 first adobe walls 1864 and cibecue creek 1881 are assessed in detail fully illustrated and featuring contemporary accounts and specially commissioned artwork this history examines exactly how the apache were able to pose such a grave threat to us forces and how their initial advantages were gradually negated by the cavalry examining the tactics equipment and training available to each side over four decades of evolving conflict this is an eye opening combatant s eye view of one of history s most intriguing campaigns

Japanese Fortified Temples and Monasteries AD 710-1602 2012-06-20 from the 10th century onwards the great japanese monastic foundations of nara and mount hiei maintained large armies of warlike monks the tempestuous political rivalries that developed between the different orders

of monks and religiously inspired laymen ensured that their temples and monasteries had to be securely sited and robustly defended this books recreates these enormous fortified monasteries and temples tracing their development from the 10th century through to the sengoku jidai period and the rise of the power of the shoqunate under tokuqawa ieyasu

<u>Toyotomi Hideyoshi</u> 2011-10-20 arguably the greatest military commander in the history of the samurai toyotomi hideyoshi rose from the ranks of the peasantry to rule over all japan a student of the great unifier oda nobunaga hideyoshi would later avenge the murder of his master at the battle of yamazaki after consolidating his position hideyoshi went on the offensive conquering the southern island of kyushu in 1587 and defeating the hojo in 1590 by 1591 he had accomplished the reunification of japan this book looks at the complete story of hideyoshi s military accomplishments from his days as a tactical leader to his domination of the japanese nation

<u>Afghanistan Cave Complexes 1979-2004</u> 2012-04-20 following the soviet invasion in 1979 the mujahideen defenders of afghanistan developed and reinforced many natural cave systems to use as supply bases and defensive positions the taliban and al qaeda further strengthened these positions in the 1990s following the events of september 11 2001 these cave systems have once more come to prominence and sites such as tora bora and zhawar kili have featured in news headlines around the world this title provides an analysis of these caves and underground systems and discusses the u s led coalition s tactical approach to dislodging the enemy from these fortified positions

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The Forts of Judaea 168 BC-AD 73 2013-01-20 this book analyzes the fortifications of hasmonaean and herodian judaea from the middle of the second century bc when the maccabees rebelled against their seleucids overlords and established an independent state until the end of the jewish roman war in ad 73

The Royal Hungarian Army in World War II 2012-01-20 the royal hungarian army was germany s largest ally on the eastern front but information about the hungarian army in english is rare deployed in ukraine at the beginning of the war the hungarian army was involved in a number of brutal encounters with the red army including stubborn resistance in transylvania in the summer of 1944 and the brave defense of budapest in the face of overwhelming odds the hungarian army was a varied and colourful force ranging from mountain troops and tank units to horse cavalry and specialist infantry all of these are illustrated in full colour artwork with full details about the hungarian army s own quite distinct uniforms and insignia as well as many of its own weapons and tanks this is an essential starter resource for wargamers modelers re enactors and military historians

Hittite Fortifications c.1650-700 BC 2012-06-20 in the second half of the third millennium bc the indo european tribe known as the hittites migrated and settled in central anatolia at that time a land of small city states whose rulers lived in fortresses these fortifications enabled the hittites to transform themselves into a bronze age super power defeating the egyptians at kadesh in c 1274 bc konstantin nossov examines the fortifications constructed by the hittites in their efforts to sustain and then halt the decline of their once flourishing empire providing an in depth anatomy of the fortresses focusing on the major sites of the principal city hattusha as well as sites at alacahöyük and karatepe with full colour reconstructions this is an intriguing glimpse into the history of an empire which at its height rivalled the egyptians and assyrians it concludes with an examination of these sites as they survive today information that will appeal both to history enthusiasts and tourists visiting the area

<u>French Guardsman vs Russian Jaeger</u> 2013-11-20 the russian jaeger regiments and napoleon s young guard clashed repeatedly during the campaigns of 1812 14 the russian jaeger were light infantry who gained enormous experience and prestige during the struggle to rid europe of napoleon s armies while the young guard was expanded to become the main strike force of the french field armies in appalling winter conditions in 1812 the young guard turned to confront their opponents including jaeger forces at krasnyi in the face of constant bombardment young guard regiments held off the russians covering the retreat of large parts of napoleon s forces they clashed again at leipzig in 1813 and then again in the bitter cold at craonne in 1814 where horrendous casualties finally told on the newly formed young guard units pitched into an attack upon russian jaeger regiments putting the reader in the shoes of the ordinary soldiers of both sides this absorbing book traces the evolving trial of strength between russia s jaeger arm and france s young guardsmen at the height of the napoleonic wars <u>Indian Castles 1206-1526</u> 2012-06-20 from the beginning of the 2nd millennium ad northern india began to fall under the sway of a number of muslim turkic rulers who at the start of the 13th century founded the series of dynasties known to history as the delhi sultanate for three centuries these sultans expanded their territory which led to a dramatic rise in the number of fortifications throughout the subcontinent this period is the defining age of the indian castle and the combined influence of the islamic and hindu architectural tradition lends these fortifications a unique style this book covers all the major sites of the period including the fabled seven medieval cities on the site of the present day city of delhi

German Infantryman vs Soviet Rifleman 2014-07-20 the axis invasion of the soviet union on 22 june 1941 pitted nazi germany and her allies against stalin s forces in a mighty struggle for survival fighting alongside the spearhead panzer divisions were germany s highly skilled

and veteran motorized infantrymen including the german army s premier unit infanterie regiment mot großdeutschland opposing these german mobile forces the soviets deployed the often ill trained and poorly equipped men of the rifle regiments who fought tenaciously and with the threat of savage reprisals from their own side in this book three bruising clashes during the first seven weeks of the campaign are assessed a bloody encounter battle at zhlobin the struggle for the destroyed city of smolensk and then a prolonged clash along a dangerously stretched german defensive perimeter at vas kovo voroshilovo

US Marine vs NVA Soldier 2015-08-20 in 1967 68 the united states marine corps usmc was on the front line of the defence of south vietnam s quang tri province which was at the very heart of the vietnam conflict facing them were the soldiers of the north vietnamese army nva men whose organization and equipment made them a very different opponent from the famous irregular viet cong forces from the hill battles in april 1967 to the struggle for the city of hue january march 1968 this bloody campaign forced the two sides into a gruelling trial of strength the usmc held a general technological and logistical advantage including close air support and airborne transport technology and supplies but could not always utilize these resources effectively in mountainous jungle or urban environments better known by their vietnamese opponents in this arresting account of small unit combat david r higgins steps into the tropical terrain of vietnam to assess the performance and experience of usmc and nva forces in three savage battles that stretched both sides to the limit

The Vauban Fortifications of France 2013-01-20 vauban was the foremost military engineer of france not only during his lifetime but also throughout the 18th century when his legacy and methods remained in place almost unchanged indeed his expertise and experience in the construction defence and attack of fortresses is unrivalled by any of his contemporaries of any nationality in all three of those fields he was a significant innovator and prolific exponent having planned approximately 160 major defensive projects and directed over 50 sieges this book provides not only a modern listing of his varied interventions and their fates but also a wide ranging discussion of just how and why they pushed forward the international boundaries of the arts of fortification

Fortifications of the Incas 2012-06-20 the greatest period of inca expansion occured during the reigns of pachacuti 1438 71 tupa inca 1471 93 and huayna capac 1493 1527 from the mountain stronghold of cuzco they subjugated the surrounding kingdoms and territories absorbing their civilizations and their peoples by 1525 they dominated much of the west of the continent relying on fortified strongholds an extensive system of roads and bridges and obligatory military service to control local populations this title takes a detailed look at the development of incan fortification techniques and examines how they came to be overrun by the spanish conquistadors

Bf 109 F/G/K Aces of the Western Front 2012-01-20 the follow on volume to osprey aircraft of the aces 11 bf 109d e aces 1939 41 this book charts the story of the myriad aces who flew the later marks of messerschmitt fighter through to ve day as good as the emil had been during the opening 18 months of the war the aircraft was being progressively bettered in virtually all aspects of aerial combat by the spitfire come 1941 so messerschmitt updated and improved the breed firstly with the introduction of the friedrich and then the multi variant gustav *The Maginot Line 1928-45* 2012-07-20 the maginot line the massive series of fortifications built by france in the 1930s to defend its borders with germany and italy is perhaps the most maligned collection of fortifications ever built despite being a technological marvel and the most sophisticated and complex set of fortifications built up to that time it failed to save france from crushing defeat in 1940 yet there are those who argue that it accomplished exactly what it was designed to do this book provides a concise and informative treatment of the maginot line from north east france to the mediterranean packed with plans contemporary and modern images plus digital artwork it presents a detailed visual exploration of this famous fortification system

Medieval Russian Fortresses AD 862-1480 2012-06-20 according to russian legend in the year ad 862 the slav tribes of what is now european russia invited a number of scandinavian princes to rule over them however on the death of these princes prince oleg seized kiev and united the northern and southern russian territories building extensive fortifications to protect its borders the rise of feudalism in the 11th century lead to the development of individual fortified sites and the extended border defenses fell into disrepair consequently mongol hordes poured over the border introducing the siege warfare techniques of the east heavily influencing the fortification styles thereafter using a wealth of archeological evidence and first hand sources konstantin nossov charts the history of the medieval russian fortress from its early beginnings until the 14th century paying special attention to the development of one of the most iconic fortifications in the world the kremlin

Finnish Soldier vs Soviet Soldier 2016-10-20 the winter war was supposed to be a quick and easy conflict instead it proved to be a bitter war that destroyed the international reputation of the soviet red army the diminutive finnish force was desperately outnumbered by almost half a million russian troops but rather than sweeping across their neighbours the soviet troops stumbled blindly constantly wrong footed and then bloodied by their seemingly insignificant foe drawing on a wide range of sources this study looks at three key battles drawing a stark contrast between the poorly prepared russian troops and the finns who made excellent use of terrain and innovative guerrilla tactics as they defended their homeland detailed maps and specially commissioned artwork highlight key moments in the winter war a david and goliath conflict that saw the soviet union suffer horrendous losses as they tried to recover from each disastrous defeat

Defending Space 2012-05-20 the united states has been developing space for many years and satellites provide the us military with an unparaleled advantage over its adversaries constellations of both military and civilian satellites provide protection and support for military operations deliver ballistic missile early warning supply reliable secure and jam proof communications gather audio visual intelligence predict weather patterns guide navigation and deliver guided weapons targeting as well as a host of other missions this book explores the design development and usage of us military space systems as well past and future threats to the systems the current relevance of this topic to the international community as a whole is key as space becomes the next if only virtual theater of warfare Panzer IV vs Sherman 2015-08-20 as the allies attempted to break out of normandy it quickly became apparent that there would be no easy victory over the germans and that every scrap of territory on the way to berlin would have to be earned through hard fighting this study concentrates on the ferocious battles between the german panzer iv and us sherman that were at the heart of this decisive phase of world war it the two types were among the most produced tanks in us and german service and were old enemies having clashed repeatedly in the mediterranean theater throughout their long service careers both had seen a succession of technical developments and modifications as well as an evolution in their intended roles but both remained at the forefront of the fighting on the western front written by an expert on tank warfare this book invites the reader into the cramped confines of these armoured workhorses employing vivid technical illustrations alongside archive and contemporary photography to depict the conditions for the cremmen within

Panzergrenadier vs US Armored Infantryman 2017-01-26 during world war ii the two pre eminent mechanized infantry forces of the conflict the german panzergrenadier arm and the us army s armoured infantrymen clashed in france and belgium after the normandy landings these engagements went on to profoundly influence the use of mechanized infantry in the post war world drawing upon a variety of sources this book focuses on three key encounters between july and december 1944 including during operation cobra and the battle of the bulge and examines the origins equipment doctrine and combat record of both forces with specially commissioned full colour artwork and maps this study sheds light on the evolving nature of mechanized warfare at the height of world war ii

The Samurai Invasion of Korea 1592-98 2012-11-20 stephen turnbull a renowned expert on the history of japan examines the samurai invasion of korea the first step in an ambitious japanese plan to conquer china examining the various stages of the war from the pitched battles of the early war years to the great naval encounters the dramatic sieges and the bitter trench warfare that characterized the end of the war turnbull provides a concise analysis of the conflict highly illustrated with contemporary photographs full colour battlescene artwork detailed maps and bird s eye views this is a concise history of a unique and exciting campaign which not only involved huge numbers of men differing terrain and tactics but was also the only time that the legendary samurai were pitched against a foreign nation

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