

## Designated Targets Axis Of Time 2 John Birmingham

In this epic sci-fi adventure for fans of *The Expanse* and *Battlestar Galactica*, five intrepid heroes must unite to save civilization after a long-dormant enemy awakens and strikes a devastating blow “This jarring, engrossing story of a species-wide fight for survival is recommended for all science fiction readers.”—Publishers Weekly (starred review) The galaxy was once terrorized by the Sturm, a group of “species purists” intent on destroying any human with genetic or cybernetic enhancements. Fashioning themselves as the one true “Human Republic,” the Sturm cut a bloody swath across the stars, killing billions before finally being defeated and driven into the far reaches of Dark Space. Centuries of peace bred complacency. Everyone believed the Sturm had died out in the Dark. They were wrong. The enemy has returned and, with a brutal and decisive attack, knocks out almost all of humanity’s defenses. Now on the brink of annihilation, humankind’s only hope is a few brave souls who survived the initial attack: Commander Lucinda Hardy, thrust into uncertain command of the Royal Armadalen Navy’s only surviving warship. Booker3, a soldier of Earth, sentenced to die for treason, whose time on death row is cut short when the Sturm attack his prison compound. Princess Alessia, a young royal of the Montanblanc Corporation, forced to flee when her home planet is overrun and her entire family executed. Sephina L’trel, the leader of an outlaw band who must call on all of her criminal skills to resist the invasion. And, finally, Admiral Frazer McLennan, the infamous hero of the first war with the Sturm hundreds of years ago, who hopes to rout his old foes once and for all—or die trying. These five flawed, reluctant heroes must band together to prevail against a relentless enemy and near-impossible odds. For if they fail, the future itself is doomed. “Frenetic action viewed in a black fun-house mirror.”—Kirkus Reviews

Designated Targets Random House Digital, Inc.

It’s World War II and the A-bomb is here to stay. The only question: Who’s going to drop it first? The Battle of Midway was forever transformed by the devastating appearance of a U.S.-led naval task force from the twenty-first century. Since that day, state-of-the-art warships have prowled the Pacific, armed with the latest instruments of mass destruction, as the warring powers of 1942 scramble to be first to wield the weapons of tomorrow against their enemies. Russia and Germany form a deadly alliance, while Admiral Yamamoto moves to seize Hawaii and invade Australia. Suddenly it’s a whole new war with unimaginable high-tech tools, and high-stakes inter-national betrayals from Tokyo to Washington to the Kremlin. As the world trembles on the brink of annihilation, Churchill, Stalin, Roosevelt, Hitler, and Tojo confront extreme choices and a future rife with possibilities—all of them apocalyptic.

Here for the first time is the full horror and madness of sharing a house, told by someone who’s been there. Birmingham pulls no punches: from dead rats in the kitchen to tent-dwelling lodgers in the living room, you’ll run for the safety of living alone.

This updated and revised first-course textbook in applied probability provides a contemporary and lively post-calculus introduction to the subject of probability. The exposition reflects a desirable balance between fundamental theory and many applications involving a broad range of real problem scenarios. It is intended to appeal to a wide audience, including mathematics and statistics majors, prospective engineers and scientists, and those business and social science majors interested in the quantitative aspects of their disciplines. The textbook contains enough material for a year-long course, though many instructors will use it for a single term (one semester or one quarter). As such, three course syllabi with expanded course outlines are now available for download on the book’s page on the Springer website. A one-term course would cover material in the core chapters (1-4), supplemented by selections from one or more

of the remaining chapters on statistical inference (Ch. 5), Markov chains (Ch. 6), stochastic processes (Ch. 7), and signal processing (Ch. 8—available exclusively online and specifically designed for electrical and computer engineers, making the book suitable for a one-term class on random signals and noise). For a year-long course, core chapters (1-4) are accessible to those who have taken a year of univariate differential and integral calculus; matrix algebra, multivariate calculus, and engineering mathematics are needed for the latter, more advanced chapters. At the heart of the textbook's pedagogy are 1,100 applied exercises, ranging from straightforward to reasonably challenging, roughly 700 exercises in the first four "core" chapters alone—a self-contained textbook of problems introducing basic theoretical knowledge necessary for solving problems and illustrating how to solve the problems at hand – in R and MATLAB, including code so that students can create simulations. New to this edition • Updated and re-worked Recommended Coverage for instructors, detailing which courses should use the textbook and how to utilize different sections for various objectives and time constraints • Extended and revised instructions and solutions to problem sets • Overhaul of Section 7.7 on continuous-time Markov chains • Supplementary materials include three sample syllabi and updated solutions manuals for both instructors and students

Training Circular (TC) 3-09.81, "Field Artillery Manual Cannon Gunnery," sets forth the doctrine pertaining to the employment of artillery fires. It explains all aspects of the manual cannon gunnery problem and presents a practical application of the science of ballistics. It includes step-by-step instructions for manually solving the gunnery problem which can be applied within the framework of decisive action or unified land operations. It is applicable to any Army personnel at the battalion or battery responsible to delivered field artillery fires. The principal audience for ATP 3-09.42 is all members of the Profession of Arms. This includes field artillery Soldiers and combined arms chain of command field and company grade officers, middle-grade and senior noncommissioned officers (NCO), and battalion and squadron command groups and staffs. This manual also provides guidance for division and corps leaders and staffs in training for and employment of the BCT in decisive action. This publication may also be used by other Army organizations to assist in their planning for support of battalions. This manual builds on the collective knowledge and experience gained through recent operations, numerous exercises, and the deliberate process of informed reasoning. It is rooted in time-tested principles and fundamentals, while accommodating new technologies and diverse threats to national security.

"The action is nonstop, the characters very real—and very different from each other—and, to coin a phrase, it makes you think."—S. M. Stirling, author of *Island in the Sea of Time*

In the year 2021, a multinational fleet—experimenting with untested weapons technology—pitched through time, crash-landing in 1942. The world is thrown into chaos as Roosevelt, Hitler, Churchill, Tojo, and Stalin scramble to adapt to new, high-tech killing tools, and twenty-first-century ways of war. For "uptimers" like Britain's Prince Harry and the men and women who serve aboard the supercarrier USS Hillary Clinton, war is a constant struggle with their own downtime allies, who are mired in ignorance and bigotry. As the Allies counter the Nazi assault and set off for the coast of France, Japan begins to buckle, soon every battle will be played out in a lethal dance of might and intelligence, unholy alliances and desperate gambles, and each clash will be fought with the ultimate weapon; knowledge from the future. Thanks to the historical records, all sides know that two superpowers will emerge while the losers will be pounded into submission. But time has shifted on its axis, so none know who will survive or how peace will take hold in a world turned upside down. These are the questions that John Birmingham brilliantly answers in his critically acclaimed adventure of war and imagination. The Sequence of event of the Second World War was altered forever at the very moment the task force of ultra-modern stealth warships emerged from a rip in the time-space continuum. Hurlled back from 2021 to 1942 after a quantum experiment goes horribly wrong, no one could

have predicted the impact of this futuristic fighting force. Chaos ensues... In the third and final gripping instalment of the Axis of Time trilogy, the revised history of the War is more alarming than ever. Hitler and the Japanese race towards atomic capability; Stalin plots to tear down the future and rebuild it in his own image; and the allies begin their Great Crusade, with the weapons of know-how of the twenty-first century. The final battle of the war is about to begin... On the eve of America's greatest victory in the Pacific, a catastrophic event disrupts the course of World War II, forever changing the rules of combat. . . . The impossible has spawned the unthinkable. A military experiment in the year 2021 has thrust an American-led multinational armada back to 1942, right into the middle of the U.S. naval task force speeding toward Midway Atoll—and what was to be the most spectacular U.S. triumph of the entire war. Thousands died in the chaos, but the ripples had only begun. For these veterans of Pearl Harbor—led by Admirals Nimitz, Halsey, and Spruance—have never seen a helicopter, or a satellite link, or a nuclear weapon. And they've never encountered an African American colonel or a British naval commander who was a woman and half-Pakistani. While they embrace the armada's awesome firepower, they may find the twenty-first century sailors themselves far from acceptable. Initial jubilation at news the Allies would win the war is quickly doused by the chilling realization that the time travelers themselves—by their very presence—have rendered history null and void. Celebration turns to dread when the possibility arises that other elements of the twenty-first century task force may have also made the trip—and might now be aiding Yamamoto and the Japanese. What happens next is anybody's guess—and everybody's nightmare. . . . On the eve of a huge, breakout success, a poor but brilliant young game developer is pulled out of her world, and time itself, by a cowboy desperately searching for the daughter he lost two hundred years ago. Cady McCall is ready to be rich and famous. She has sacrificed everything, putting her work ahead of family and friends. Now with breakout success and huge, insane wealth so close she can taste it, her life is blown apart by Deputy Marshal John 'Titanic' Smith, the man who rescues her from two muggers, only to carry her off into history. Lost on the seas of time, Smith is desperate to get home to his family in 1876, and now Cady is lost along with him, facing danger and finding love in Victorian London, Ancient Rome and in the near-future America of President for Life Donald Trump.

“Utterly engaging...a page-turner that is certain to win the author legions of new readers and fans.”—George R. R. Martin, author of *A Game of Thrones* It's spring on Nantucket and everything is perfectly normal, until a sudden storm blankets the entire island. When the weather clears, the island's inhabitants find that they are no longer in the late twentieth century...but have been transported instead to the Bronze Age! Now they must learn to survive with suspicious, warlike peoples they can barely understand and deal with impending disaster, in the shape of a would-be conqueror from their own time.

The epic alternate history of WW2 becomes a fiery reimagining of the Cold War.

Prince Harry-yes, that Prince Harry-travels through time to punch Nazis and commies and save the world. Continues the best-selling Axis of Time series. **BONUS:** This edition contains an excerpt from John Birmingham's *After America*. In Kuwait, American forces are locked and loaded for the invasion of Iraq. In Paris, a covert agent is close to cracking a terrorist cell. And just north of the equator, a sailboat manned by a drug runner and a pirate is witness to the unspeakable. In one instant, all around the world, everything will change. A wave of inexplicable energy slams into the continental United States. America as we know it vanishes. From a Texas lawyer who happens to be in the right place at the right time to an engineer in Seattle who becomes his city's only hope, from a combat journalist trapped in the Middle East to a drug runner off the Mexican coast, *Without Warning* tells a fast, furious story of survival, violence, and a new, soul-shattering reality.

Humanity's last remaining heroes must rebuild and protect civilization after a long dormant enemy shattered their once-peaceful empire in this thrilling sequel to *The Cruel Stars*. The *Sturm*, a group of species purists intent on destroying any human with genetic or cybernetic enhancements, returned from the far reaches of Dark Space to wage a war against humanity. Though their victory seemed inevitable, a small group of reluctant heroes managed to beat back the invading force. Now left with the remains of a crippled civilization, they must work together to rebuild--and to stand guard, in case those weren't the only enemies hiding in the dark...

The chilling new novel from Norwegian superstar Jorn Lier Horst. This is Nordic Noir at its spine-tingling best After four years behind bars notorious serial killer, Thomas Kerr, is ready to talk. And Chief Inspector, William Wisting has been waiting to listen. Kerr has finally agreed to lead the police to his final victim's grave. But the expedition goes horribly wrong after his escape deep into the Norwegian forest. Wisting must launch a frantic search to find this cold-blooded killer before he strikes again. But the body of another woman, killed weeks before, has been found. Murdered in the same way as Kerr's victims. Is there a copycat killer on the loose? And what will happen once Kerr and his apprentice are reunited? As the clock counts down to the next murder, Wisting must put everything on the line to stop a terrifying evil which threatens to engulf his city. Praise for Jorn Lier Horst 'Jorn Lier Horst writes some of the best Scandinavian crime fiction ... His books are superbly plotted and addictive, the characters wonderfully realized' Yrsa Sigurdardottir 'Jorn Lier Horst is one of the most brilliantly understated crime novelists writing today' Sunday Times 'Up there with the best of the Nordic crime writers' Marcel Berlin, The Times 'A well-crafted, atmospheric, character-driven thriller - I couldn't put it down!' Alex Dahl, author of *The Boy At The Door* 'A good Nordic police procedural with well-drawn characters' Choice Magazine **SOON TO BE A BBC TV SERIES FROM THE PRODUCERS BEHIND WALLANDER AND THE GIRL WITH THE DRAGON TATTOO.**

In the climax of an alternate history trilogy that began with *Weapons of Choice* and *Designated Targets*, the Axis and Allied forces race to build an atom bomb, while a revitalized Soviet Union threatens to unleash a new wave of destruction, and Kolhammer and his team confront the consequences of messing with the historical timeline. Reprint.

Our world went to hell on March 14, 2003. Four years after an inexplicable wave of energy decimated the American mainland, and then just as inexplicably disappeared a year later, US President James Kipper is no closer to explaining the catastrophe to the traumatised survivors. In a decaying New York City, an assassination attempt on the President prompts the suspicion that the looters overrunning Manhattan may be more organised and sinister than previously thought. Working on a farm in Texas to earn his citizenship, Miguel Pieraro believes in the promise of the New America. That is until tragedy cuts through his family. In the English countryside, Echelon agent Caitlin Monroe must once again fight for her life, a sharp reminder that her nemesis is active again. Then out of the smoking ruin of the Middle East comes an enemy that will be Kipper's toughest challenge yet. The battle for the Wild East is just beginning, but does this New America, and its gun-shy President, have the strength of will to destroy the past in order to save the future?

The second book in an edge-of-your-seat trilogy "Birmingham's status as a leading action-adventure novelist continues to grow." The Age Two bright geometric shapes, metallic flashes picked out in the morning sun, moving impossibly fast and straight amidst the visual clutter and chaos of forest and rock... 'Is it dragons, Dave, is that what it is? Because I'm not ready for dragons...'  
A dragon brings down the Vice President's plane, a monster army is camped outside Omaha, and an empath demon springs an undercover operation in New York. New Orleans was just the beginning. New and different demons are breaking through all over America, and Dave Hooper has a new enemy with more guile and guts than the celebrity superhero, still stumbling in his role as Champion. While his agent fields offers for movies and merchandise, Dave is tasked with ending a siege in Omaha, saving his friends and deciphering the underrealms' plans to take over the earth. As an ancient and legion evil threatens to destroy mankind, Dave has to decide what kind of man he wants to be and the nature of his role in this new world. He may not be the hero humanity deserves, but he's the only one we've got. THE DAVE HOOPER TRILOGY Book One: Emergence Book Two: Resistance Book Three: Ascendance

An alternate history of World War II continues to explore what would have happened in the lives of leaders, soldiers, and civilians had Great Britain's Neville Chamberlain not appeased Hitler.

A wave of inexplicable energy has slammed into America. And destroyed it. What will the world do without its last Superpower? For the jihadists, Allah has performed a miracle. For the US and its allies, Armageddon has arrived. Australasia, far from the noxious waste darkening Europe's skies, beckons as a

possible oasis. Who and what will fill the void?

"Birmingham sets new standards in alternate history, time travel, and sheer dancing-on-the-edge-of-the-lava-gonzo inventiveness. Solid and wild at the same time." – S.M. Stirling, author of *Dies the Fire* Ten years have passed since Admiral Kolhammer's 21st century battlefleet was dragged into a wormhole and thrown across oceans of time, emerging with disastrous consequences and shattering the history of the Second World War. Hitler and the Nazis have fallen, Kolhammer sits in the White House, but Stalin rules half of Europe and Asia. The great Soviet engines of state power turn and burn to 'set history right'. Not just of the war, but of all future time. In Rome with his lover Julia Duffy, an older, mellower Prince Harry is drawn into Stalin's plans when a simple game of spies goes horribly wrong. Underneath the eternal city, former Spetsnaz officer Pavel Ivanov fights a running battle with the NKVD's executioner-in-chief as Stalin's minions fight to preserve the secret of a weapon that could destroy the West with one, fearsome blow. In *Stalin's Hammer: Rome*, the first of a series of serialised novellas, John Birmingham returns to the world he destroyed along with the US Fleet at Midway in the *Axis of Time* series.

Discusses the Allied invasion of Normandy, with extensive details about the planning stage, called Operation Overlord, as well as the fighting on Utah and Omaha Beaches.

"We finally have the definitive treatise on PyTorch! It covers the basics and abstractions in great detail. I hope this book becomes your extended reference document." —Soumith Chintala, co-creator of PyTorch

Key Features Written by PyTorch's creator and key contributors

- Develop deep learning models in a familiar Pythonic way
- Use PyTorch to build an image classifier for cancer detection
- Diagnose problems with your neural network and improve training with data augmentation

Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

About The Book Every other day we hear about new ways to put deep learning to good use: improved medical imaging, accurate credit card fraud detection, long range weather forecasting, and more. PyTorch puts these superpowers in your hands. Instantly familiar to anyone who knows Python data tools like NumPy and Scikit-learn, PyTorch simplifies deep learning without sacrificing advanced features. It's great for building quick models, and it scales smoothly from laptop to enterprise. *Deep Learning with PyTorch* teaches you to create deep learning and neural network systems with PyTorch. This practical book gets you to work right away building a tumor image classifier from scratch. After covering the basics, you'll learn best practices for the entire deep learning pipeline, tackling advanced projects as your PyTorch skills become more sophisticated. All code samples are easy to explore in downloadable Jupyter notebooks.

What You Will Learn

- Understanding deep learning data structures such as tensors and neural networks
- Best practices for the PyTorch Tensor API, loading data in Python, and visualizing results
- Implementing modules and loss functions
- Utilizing pretrained models from

PyTorch Hub Methods for training networks with limited inputs Sifting through unreliable results to diagnose and fix problems in your neural network Improve your results with augmented data, better model architecture, and fine tuning This Book Is Written For For Python programmers with an interest in machine learning. No experience with PyTorch or other deep learning frameworks is required. About The Authors Eli Stevens has worked in Silicon Valley for the past 15 years as a software engineer, and the past 7 years as Chief Technical Officer of a startup making medical device software. Luca Antiga is co-founder and CEO of an AI engineering company located in Bergamo, Italy, and a regular contributor to PyTorch. Thomas Viehmann is a Machine Learning and PyTorch speciality trainer and consultant based in Munich, Germany and a PyTorch core developer. Table of Contents PART 1 - CORE PYTORCH 1 Introducing deep learning and the PyTorch Library 2 Pretrained networks 3 It starts with a tensor 4 Real-world data representation using tensors 5 The mechanics of learning 6 Using a neural network to fit the data 7 Telling birds from airplanes: Learning from images 8 Using convolutions to generalize PART 2 - LEARNING FROM IMAGES IN THE REAL WORLD: EARLY DETECTION OF LUNG CANCER 9 Using PyTorch to fight cancer 10 Combining data sources into a unified dataset 11 Training a classification model to detect suspected tumors 12 Improving training with metrics and augmentation 13 Using segmentation to find suspected nodules 14 End-to-end nodule analysis, and where to go next PART 3 - DEPLOYMENT 15 Deploying to production

The thrilling conclusion to an edge-of-the-seat trilogy "There were too many of them. Karen's gun was gone. Lucille was nowhere Dave could see, and only a faint mournful sigh reached him from where she lay. He was done." New York is on fire, the streets are overrun, and the Demon Horde is feasting. With the world's greatest city in chaos, all eyes are on Dave Hooper, the superhero destined to save mankind. But hero or not, Dave is just one man and he's short of allies. He soon finds himself relying on Karen Warat: art dealer and Russian deep cover agent. Smart, dangerous and armed with a magic sword, Dave knows not to trust her. He also knows that without her, New York will fall. While the United States military try desperately to hold off the Horde, Dave and Karen realise that the monsters have a powerful new weapon - one of their best warfare strategists is working for them. With the enemy using the military's own tactics against them, defeat seems imminent. To have any chance of survival, mankind needs its Champion more than ever. The world needs Dave to become the hero he is meant to be. THE DAVE HOOPER TRILOGY Book One: Emergence Book Two: Resistance Book Three: Ascendance

In recent years, a considerable amount of effort has been devoted, both in industry and academia, towards the behavioral modeling, evaluation and prediction of the hypothalamus pituitary thyroid system. Thyroid Systems Engineering targets an optimal treatment of people suffering from thyroid hormone disorders. The content is motivated by in-depth observations of such

patients whose rich data supported the theoretical framework arising from formal mathematical reasoning, guided by the nature of thyroid physiology. Leveraging on the insights emerging from the unique combination of an electrical engineer working with a clinical thyroidologist, and both being scientists skilled in mathematics, the authors introduce this new discipline and field of scientific investigation aptly designated as Thyroid Systems Engineering. Readers will discover that mathematics can indeed model the behavior of the hypothalamus-pituitary-thyroid (HPT) axis. Focused on modeling, each of the eighteen chapters gives the reader a notion of the application of relevant mathematics to pertinent issues encountered in mainstream thyroidology. Many cellular processes resemble the flux of variables and states in a complex multi-parameter space through time analogous to current flow in electrical networks. It is then logical to apply the principles and physical laws of electrodynamics, electrical network theory, control systems theory and signal theory to many of the biological phenomena encountered in endocrinology. Such an approach is used liberally throughout the book and successfully yields elegant solutions to a number of models presented within. This book can serve as a reference to mathematical modeling in other aspects of endocrine physiology, and as the starting point for a fundamental course in medical modeling. It will appeal to postgraduates in electrical engineering, academic physicians and biomedical researchers. Further, readers equipped with advanced calculus, electrical network theory, control theory and signal theory should be able to follow the mathematical expositions that describe thyrotropic control. They represent a new discipline based on mathematical modeling in physiology applicable to medical diagnostics, measurement and treatment to cooperate in the clinical team and realize an optimized treatment for patients.

Jed Culver, President Kipper's sword and shield, knows that what is right and what is best are rarely the same thing. To some, Mad Jackson Blackstone, rogue governor of the Republic of Texas, is slowly but surely destroying the United States. In New York, Caitlin Monroe's one shot at vengeance may lie buried beneath the rubble of the city, but she has to be certain. Unknown killers hunt Lady Julianne Balwyn in the anarchic, violent freeport of Darwin. Sofia Pieraro is all alone in the empty heart of a haunted land, revenge her only reason to keep moving. After many years the long trail of the dead will bring them all together. The final battle for America and the new world will not be fought with armies, but in the quiet and the dark, by individuals, driven towards vengeance and annihilation.

In the story of an alternate World War II that considers what might have happened if Chamberlain had chosen not to appease Hitler, the Germans fight with England and France to defeat Russia, while the United States struggles in a war against Japan.

The nightmare of the Transition has given way to a world in chaos. The battlelines of World War II are being redrawn in dangerous and unpredictable

ways, leaving the Allied forces scrambling for control and the Axis forces with undreamt-of power. But the military crisis is only the beginning. An awareness of how their future unfolds is sweeping the world, and the people of 1942 are split between clamouring for change and the freedoms their descendants enjoy, and resisting it to protect the values of their society. Then Japan invades Australia, foreign agents begin a campaign of terror in the USA, and Germany prepares for an all-out attack on Britain. The twenty-first-century forces must resort to the most extreme measures yet...

For many researchers, Python is a first-class tool mainly because of its libraries for storing, manipulating, and gaining insight from data. Several resources exist for individual pieces of this data science stack, but only with the Python Data Science Handbook do you get them all—IPython, NumPy, Pandas, Matplotlib, Scikit-Learn, and other related tools. Working scientists and data crunchers familiar with reading and writing Python code will find this comprehensive desk reference ideal for tackling day-to-day issues: manipulating, transforming, and cleaning data; visualizing different types of data; and using data to build statistical or machine learning models. Quite simply, this is the must-have reference for scientific computing in Python. With this handbook, you'll learn how to use: IPython and Jupyter: provide computational environments for data scientists using Python NumPy: includes the ndarray for efficient storage and manipulation of dense data arrays in Python Pandas: features the DataFrame for efficient storage and manipulation of labeled/columnar data in Python Matplotlib: includes capabilities for a flexible range of data visualizations in Python Scikit-Learn: for efficient and clean Python implementations of the most important and established machine learning algorithms

As history reaches a tipping point, the forces unleashed by the Transition threaten to bring the future crashing down in ruins. Will Hitler and Tojo finish their race towards an atom bomb? Is another catastrophic wave of destruction about to sweep out of a revitalised Soviet Union? What price will Kolhammer and his people pay for disrupting their own past? PRAISE FOR FINAL IMPACT: WORLD WAR 2.3 "[Birmingham] has finished the trilogy magnificently while putting the world on notice that here is an action novelist of the first order." The Age "[Birmingham] is a robust and entertaining writer... Final Impact sets off at a charge. It doesn't wait for you to be comfortably strapped in" Sydney Morning Herald

In a first installment of a three-part alternate history epic, America's World War II fleet is decimated by a multi-national task force sent back in time from the year 2021, forcing Admiral Nimitz and Rear Admiral Spruance to make the potentially consequential decision to fight their own possible descendants. Reprint.

In the sequel to Weapons of Choice, both the Axis and Allies have the use of nuclear weapons, computer technology, and advanced knowledge of the supposed course of the war, as Hitler and Stalin form an alliance, the Japanese invade Hawaii and Australia, and the Nazis launch an all-out assault on Britain.

## Reprint.

Traces the efforts of U.S. President James Kipper to rebuild an alternate-world America in the face of a brutal disaster, pirates, and a rogue governor who has proclaimed himself a sovereign power in Texas.

The changing character of the strategic-logistical problems faced by the Washington high command in the last two years of the war when U.S. and Allied forces achieved material superiority over their enemies on almost every front.

Alternate history master John Birmingham unleashes an astounding new installment in his Axis of Time series: an original eBook novella that begins when the future and the past collide. The year is 1955, ten years after a battle fleet from 2021 exploded through a wormhole in space—straight into the Battle of Midway. A staggered, war-torn world catches its balance. Uptimers, with their extraordinary technology and strange styles, mingle with the real timers. Universities study the effects on the future. And men like Prince Harry of England find themselves playing pivotal roles in a history that has already happened. Or has it? In the starkly partitioned city of Rome, spies, killers, and mafia foot soldiers cross the dividing line between Allied and Russian Zones. Somewhere in the ancient, underground catacombs two men hunt for one another. One is Stalin's personal assassin, the other a murderous, disillusioned acolyte of the Communist ideal, allied by fate and history with the OSS, MI6, and England's swashbuckling Prince Harry. Harry's own mission takes him to a glittering dinner party and a prize over which the two Russian killers are fighting—a factory owner with a terrifying secret. As the forces of West and East are locked in a stalemate, what this man knows could change everything: Josef Stalin, hiding in a Siberian bunker, is ready to hit the world with a thunderous blow.

Introduction to Sports Biomechanics has been developed to introduce you to the core topics covered in the first two years of your degree. It will give you a sound grounding in both the theoretical and practical aspects of the subject. Part One covers the anatomical and mechanical foundations of biomechanics and Part Two concentrates on the measuring techniques which sports biomechanists use to study the movements of the sports performer. In addition, the book is highly illustrated with line drawings and photographs which help to reinforce explanations and examples.

From the New York Times bestselling author of the Legion of the Damned® novels and the Mutant Files series comes the second novel in a postapocalyptic military science fiction series about America struggling to overcome a natural disaster but starting a second civil war... As people fight to survive the aftereffects of more than a dozen meteor strikes, a group of wealthy individuals conspires to rebuild the United States as a corporate entity called the New Confederacy, where the bottom line is law. As a second civil war rages, with families fighting against families on opposite sides, Union president Samuel T. Sloan battles to keep the country whole. To help in the fight for unity, Union Army captain Robin "Mac" Macintyre and her crew of Stryker vehicles are sent after the ruthless "warlord of warlords," an ex-Green Beret who rules a large swath of the West. But defeating him will be even more difficult than she thought. The warlord is receiving military assistance from Mac's sister—and rival—Confederate major Victoria Macintyre. And when the siblings come together in the war-torn streets of New Orleans, only one of them will walk away.

**BONUS:** This edition contains an excerpt from John Birmingham's Angels of Vengeance. The world changed forever when a massive wave of energy slammed into North America and wiped out 99 percent of the population. As the United States lay in ruins, chaos erupted across the globe. Now, while a skeleton American government tries to reconstruct the nation, swarms of pirates and foreign militias plunder the lawless wasteland where even the president is fair prey. In New York City, armies of heavily armed predators hold sway—and hold off a struggling U.S. military. In Texas, a rogue general bent on secession leads a brutal campaign against

immigrants. And in England, a U.S. special ops agent enters a shadow war against a deadly enemy who has made the fight personal. While the president ponders a blitz attack on America's once greatest city, the forces of order and anarchy wage all-out war for postapocalyptic dominance—and a handful of survivors must decide how far to go to salvage whatever uncertain future awaits . . . after America.

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