

INFORMATION WARFARE

2022 BOOK LIST

Information Warriors must continue to hone their skills and grow as leaders to drive our culture. We believe the books listed, generated by a variety of community leaders, will help build this culture and foster curiosity and learning.



Information Warriors,

As Commander and Force Master Chief for Naval Information Forces, we believe there has never been a more critical time to ensure our personnel are prepared to answer the call. In this era of Great Power Competition, it is critical that we cultivate a constant focus on learning and growing professionally and personally.

Information Warriors must continue to hone their skills and grow as leaders to drive our culture. We believe the books listed, generated by a variety of community leaders, will help build this culture and foster curiosity and learning.

John F. Kennedy, former President of the United States said, *"If this nation is to be wise as well as strong, if we are to achieve our destiny, then we need more new ideas for more wise men reading more good books in more public libraries... We must know all the facts and hear all the alternatives and listen to all the criticisms."*

Today's Information Warriors are the best-trained, best-educated and most committed warriors in our country's history. The books on this list cover a wide range of topics to include the pillars of Naval Information Warfare, leadership, history, strategic thinking, toughness, warfighting, and strategic competition. Reading books recommended by the men and women who lead our community will make us better information warriors, ready to defend freedom and democracy.

With more than 100 books, our hope is that you see a few that draw your attention and inspire you to learn more. It all starts with reading the first book, but do not limit yourself to reading just the books on this list. Discover other books that interest you, and apply the lessons that can be learned from the experience of others.

"Thanks to my reading, I have never been caught flat-footed by any situation, never at a loss for how any problem has been addressed (successfully or unsuccessfully) before. It doesn't give me all the answers, but it lights what is often a dark path ahead."

- Former U.S. Secretary of Defense James Mattis

Happy reading and HOOYAH!

VADM Kelly A. Aeschbach
Commander, Naval Information Forces



FORCM D.C. Twiford
Force Master Chief



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25	Work Rules! Insights from Inside Google That Will Transform How You Live and Lead	Laszlo Bock	Leadership
26	@War: The Rise of the Military-Internet Complex	Shane Harris	Warfighting
27	Gates of Fire: An Epic Novel of the Battle of Thermopylae	Steven Pressfield	Warfighting
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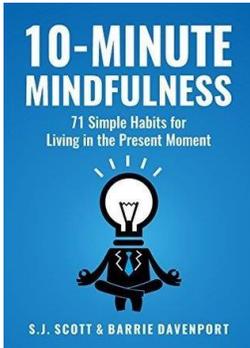
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81	Blind Man's Bluff: The Untold Story of American Submarine Espionage	Sherry Sontag, Christopher Drew	CRY
82	Code Girls: The Untold Story of the American Women Code Breakers Who Helped Win World War II	Liza Mundy	CRY
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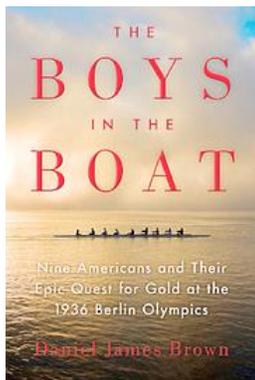
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91	Tactics and Techniques of Electronic Warfare - Electronic Countermeasures in the Air War Against North Vietnam, 1965-1973	Bernard C. Nalty	EW
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105	Physics of the Future: How Science Will Shape Human Destiny and Our Daily Lives by the Year 2100	Michio Kaku	SPACE
106	The Right Stuff	Tom Wolfe	SPACE
107	Space Warfare: Strategy, Principles and Policy	John J. Klein	SPACE
108	This New Ocean: The Story of the First Space Age	William E. Burrows	SPACE

TOUGHNESS



10-Minute Mindfulness: 71 Habits for Living in the Present Moment by S.J. Scott

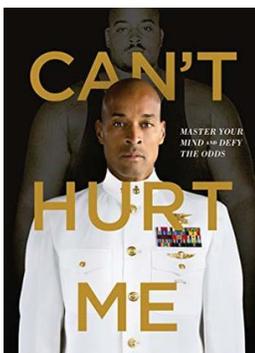
Hate the negativity that often surrounds you? Feel stressed or anxious? Overwhelmed by our hectic, fast-paced modern society? These issues are often the direct result of a vicious cycle known as "unconscious living." You can be unconscious about your lifestyle choices, habits, and thoughts. You can be unconscious about your true values, life priorities, and deeper longings. And you are unconscious about living in the present moment because you are preoccupied by past regrets and worries for the future. The solution is to incorporate mindfulness through your entire day so you can enjoy inner peace and happiness. And the simplest way to do this is to build a series of mindfulness habits. This book is for anyone who recognizes the need to improve their focus, productivity, happiness, and peace of mind.



The Boys in the Boat: Nine Americans and Their Epic Quest for Gold at the 1936 Berlin Olympics by Daniel James Brown

An irresistible story about beating the odds and finding hope in the most desperate of times—the improbable, intimate account of how nine working-class boys from the American West showed the world at the 1936 Olympics in Berlin what true grit really meant.

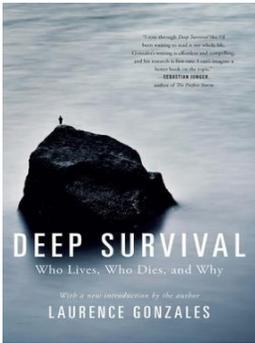
It was an unlikely quest from the start. With a team composed of the sons of loggers, shipyard workers, and farmers, the University of Washington's eight-oar crew team was never expected to defeat the elite teams of the East Coast and Great Britain, yet they did, going on to shock the world by defeating the German team rowing for Adolf Hitler. Brown has created an unforgettable portrait of an era, a celebration of a remarkable achievement, and a chronicle of one extraordinary young man's personal quest.



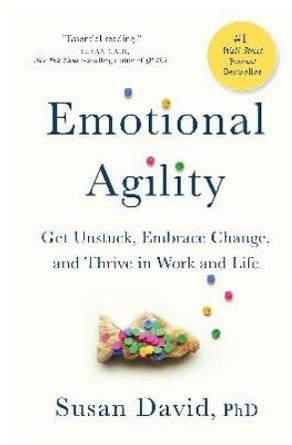
Can't Hurt Me by David Goggins

For David Goggins, childhood was a nightmare - poverty, prejudice, and physical abuse colored his days and haunted his nights. But through self-discipline, mental toughness, and hard work, Goggins transformed himself from a depressed, overweight young man with no future into a US Armed Forces icon and one of the world's top endurance athletes. The only man in history to complete elite training as a Navy SEAL, Army Ranger, and Air Force Tactical Air Controller, he went on to set records in numerous endurance events. In *Can't Hurt Me*, he shares his astonishing life story and reveals that most of us tap into only 40% of our capabilities. Goggins calls this The 40% Rule, and his story illuminates a path that anyone can follow to push past pain, demolish fear, and reach their full potential.

TOUGHNESS



Deep Survival: Who Lives, Who Dies, and Why by Laurence Gonzales (Goodreads Author)
Laurence Gonzales's bestselling *Deep Survival* has helped save lives from the deepest wildernesses, just as it has improved readers' everyday lives. Its mix of adventure narrative, survival science, and practical advice has inspired everyone from business leaders to military officers, educators, and psychiatric professionals on how to take control of stress, learn to assess risk, and make better decisions under pressure.

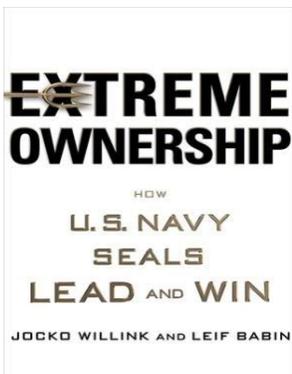


Emotional Agility: Get Unstuck, Embrace Change, and Thrive in Work and Life by Susan David

The counterintuitive approach to achieving your true potential. The path to personal and professional fulfillment is rarely straight. Ask anyone who has achieved their biggest goals or whose relationships thrive, and you'll hear stories of many unexpected detours along the way. What separates those who master these challenges and those who get derailed? The answer is agility - emotional agility.

Emotional agility is a revolutionary, science-based approach that allows us to navigate life's twists with self-acceptance, clear-sightedness, and an open mind. Renowned psychologist Susan David developed this concept after studying emotions, happiness, and achievement for more than 20 years. She found that no matter how intelligent or creative people are or what type of personality they have, it is how they navigate their inner world - their thoughts,

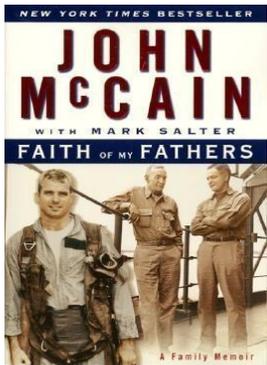
feelings, and self-talk - that ultimately determines how successful they become. *Emotional Agility* serves as a road map for behavioral change - a new way of acting that will help you reach your full potential, wherever you are and whatever you face.



Extreme Ownership: How U.S. Navy SEALs Lead and Win by Jocko Willink Leif Babin
Sent to the most violent battlefield in Iraq, Jocko Willink and Leif Babin's SEAL task unit faced a seemingly impossible mission: help U.S. forces secure Ramadi, a city deemed "all but lost." In gripping firsthand accounts of heroism, tragic loss, and hard-won victories in SEAL Team Three's Task Unit Bruiser, they learned that leadership—at every level—is the most important factor in whether a team succeeds or fails. Willink and Babin returned home from deployment and instituted SEAL leadership training that helped forge the next generation of SEAL leaders. After departing the SEAL Teams, they launched Echelon Front, a company that teaches these same leadership principles to businesses and organizations. From promising startups to Fortune 500 companies, they have helped scores of clients across a broad range of industries build their own high performance teams and dominate their battlefields. A

compelling narrative with powerful instruction and direct application, *Extreme Ownership* revolutionizes business management and challenges leaders everywhere to fulfill their ultimate purpose: lead and win.

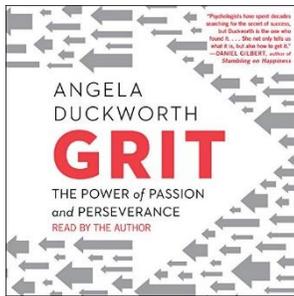
TOUGHNESS



Faith of My My Fathers: A Family Memoir by John McCain, Mark Salter

John McCain learned about life and honor from his grandfather and father, both four star admirals in the U.S. Navy. This is a memoir about their lives, their heroism, and the ways that sons are shaped and enriched by their fathers. John McCain's grandfather was a gaunt, hawk-faced man known as Slew by his fellow officers and, affectionately, as Popeye by the sailors who served under him. McCain Sr. played the horses, drank bourbon and water, and rolled his own cigarettes with one hand. More significant, he was one of the navy's greatest commanders, and led the strongest aircraft carrier force of the Third Fleet in key battles during World War II.

It was in the Vietnam War that John McCain III faced the most difficult challenge of his life. A naval aviator, he was shot down over Hanoi in 1967 and seriously injured. When Vietnamese military officers realized he was the son of a top commander, they offered McCain early release to embarrass the U.S. He was tortured, held in confinement, and imprisoned for over five years. Faith of My Fathers is about what McCain learned from his grandfather and father, and how their example enabled him to survive those years. It is a story of three imperfect men who faced adversity and emerged with their honor intact. Ultimately, Faith of My Fathers shows us, with great feeling and appreciation, what fathers give to their sons, and what endures.

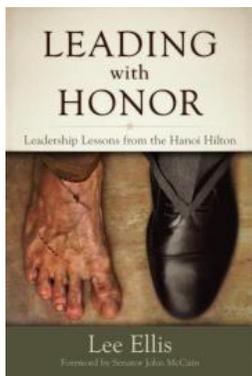


Grit: The Power of Passion and Perseverance by Angela Duckworth

For anyone striving to succeed, psychologist Angela Duckworth shows parents, educators, students, and businesspeople that the secret to outstanding achievement is not talent but a focused persistence called "grit".

Why do some people succeed, and others fail? Drawing on her own powerful story as the daughter of a scientist who frequently bemoaned her lack of smarts, Duckworth describes her winding path through teaching, business consulting, and neuroscience, which led to the hypothesis that what really drives success is not genius but a special blend of passion and long-term perseverance. As a professor at the University of Pennsylvania, Duckworth created

her own "character lab" and set out to test her theory. She takes listeners into the field to visit teachers working in some of the toughest schools, cadets struggling through their first days at West Point, and young finalists in the National Spelling Bee. Wincingly personal, insightful, and even life changing, Grit is a book about what goes through your head when you fall down and how that - not talent or luck - makes all the difference.



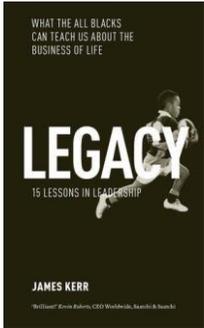
Leading With Honor: Leadership Lessons from the Hanoi Hilton by Lee Ellis

How did American Military leaders in the brutal POW camps of North Vietnam inspire their followers for six, seven, or eight years to remain committed to the mission, resist a cruel enemy, and return home with honor? What leadership principles engendered such extreme devotion, perseverance, and teamwork?

In this powerful book, Lee Ellis candidly talks about his five and a half years of captivity and the fourteen key leadership principles behind this amazing story. As a successful executive coach and corporate consultant, he helps leaders of Fortune 500 companies, healthcare executives, small business owners, and entrepreneurs utilize these same pressure-tested principles to increase their personal and organizational success. This book is ideal for individual or group study as a personal development, coaching, human resource development, or executive training

resource.

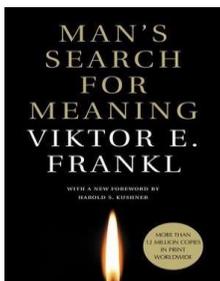
TOUGHNESS



Legacy: What the All Blacks Can Teach Us About the Business of Life by James Kerr

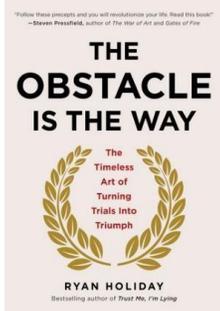
Champions do extra. They sweep the sheds. They follow the spearhead. They keep a blue head. In *Legacy*, best-selling author James Kerr goes deep into the heart of the world's most successful sporting team, the legendary All Blacks of New Zealand, to reveal 15 powerful and practical lessons for leadership and business.

Legacy is a unique, inspiring handbook for leaders in all fields, and asks: What are the secrets of success – sustained success? How do you achieve world-class standards, day after day, week after week, year after year? How do you handle pressure? How do you train to win at the highest level? What do you leave behind you after you're gone? What will be your legacy?



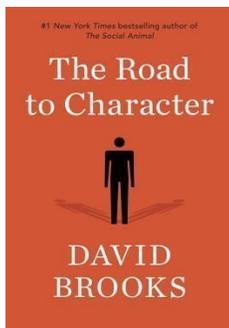
Man's Search for Meaning by Viktor E. Frankl

Psychiatrist Viktor Frankl's memoir has riveted generations of readers with its descriptions of life in Nazi death camps and its lessons for spiritual survival. Based on his own experience and the stories of his patients, Frankl argues that we cannot avoid suffering but we can choose how to cope with it, find meaning in it, and move forward with renewed purpose. At the heart of his theory, known as logotherapy, is a conviction that the primary human drive is not pleasure but the pursuit of what we find meaningful. *Man's Search for Meaning* has become one of the most influential books in America; it continues to inspire us all to find significance in the very act of living.



The Obstacle Is the Way: The Timeless Art of Turning Trials into Triumph by Ryan Holiday

“The impediment to action advances action. What stands in the way becomes the way.” — Marcus Aurelius. We are stuck, stymied, frustrated. But it needn't be this way. There is a formula for success that's been followed by the icons of history - from John D. Rockefeller to Amelia Earhart to Ulysses S. Grant - a formula that let them turn obstacles into opportunities. Faced with impossible situations, they found the astounding triumphs we all seek. These men and women were not exceptionally brilliant or gifted. Their success came from timeless philosophical principles laid down by a Roman emperor who struggled to articulate a method for excellence in all situations. This book reveals that formula for the first time and shows us how we can turn our adversity into advantage.



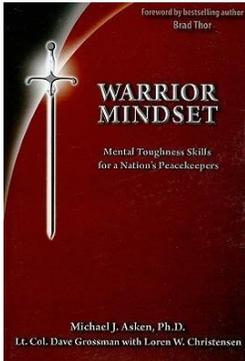
The Road to Character by David Brooks

Looking to some of the world's greatest thinkers and inspiring leaders, Brooks explores how, through internal struggle and a sense of their own limitations, they have built a strong inner character. Labor activist Frances Perkins understood the need to suppress parts of herself so that she could be an instrument in a larger cause. Dwight Eisenhower organized his life not around impulsive self-expression but considered self-restraint. Dorothy Day, a devout Catholic convert and champion of the poor, learned as a young woman the vocabulary of simplicity and surrender. Civil rights pioneers A. Philip Randolph and Bayard Rustin learned reticence and the logic of self-discipline, the need to distrust oneself even while waging a noble crusade.

TOUGHNESS

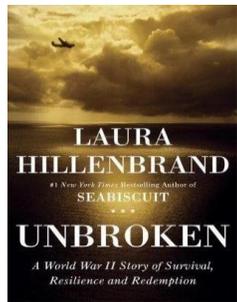
Blending psychology, politics, spirituality, and confessional, *The Road to Character* provides an opportunity for us to rethink our priorities and strive to build rich inner lives marked by humility and moral depth.

LEADERSHIP



Warrior Mindset: Mental Toughness Skills for a Nation's Peacekeepers by Michael J. Asken, Loren W. Christensen, Dave Grossman,

Those who place themselves in harm's way are consistently told to focus, concentrate, and utilize the warrior mindset. However, rarely are they trained HOW to accomplish this. It is often assumed that mental toughness will automatically result from physical and tactical training. This is not always true, but mental toughness skills can be trained directly. *Warrior Mindset* presents psychological techniques and training to develop Mental Toughness, the Survival Mindset and a hardened focus. The goal is to integrate the psychological with physical and tactical training to add a dimension that is often overlooked, but necessary to achieve maximal performance excellence. If you only talk about mental toughness but don't actively train it, you haven't developed the complete warrior.

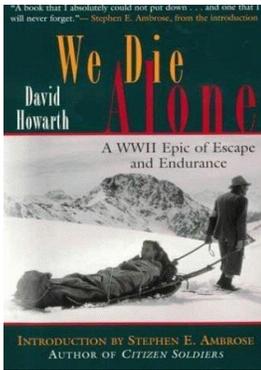


Unbroken: A World War II Story of Survival, Resilience and Redemption by Laura Hillenbrand

On a May afternoon in 1943, an Army Air Forces bomber crashed into the Pacific Ocean and disappeared, leaving only a spray of debris and a slick of oil, gasoline, and blood. Then, on the ocean surface, a face appeared. It was that of a young lieutenant, the plane's bombardier, who was struggling to a life raft and pulling himself aboard. So began one of the most extraordinary odysseys of the Second World War.

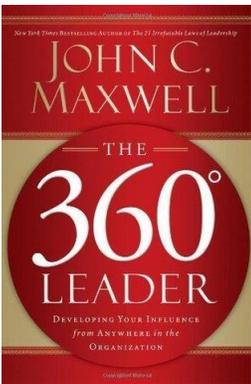
The lieutenant's name was Louis Zamperini. In boyhood, he'd been a cunning and incorrigible delinquent, breaking into houses, brawling, and fleeing his home to ride the rails. As a teenager, he had channeled his defiance into running, discovering a prodigious talent that had carried him to the Berlin Olympics and within sight of the four-minute mile. But when war had come, the athlete had become an airman, embarking on a journey that led to his doomed flight, a tiny raft, and a drift into the unknown. Ahead of Zamperini lay thousands of miles of open ocean, leaping sharks, a foundering raft, thirst and starvation, enemy aircraft, and, beyond, a trial even greater. Driven to the limits of endurance, Zamperini would answer desperation with ingenuity; suffering with hope, resolve, and humor; brutality with rebellion. His fate, whether triumph or tragedy, would be suspended on the fraying wire of his will.

LEADERSHIP



We Die Alone: A WWII Epic of Escape and Endurance by David Howarth, Stephen E. Ambrose

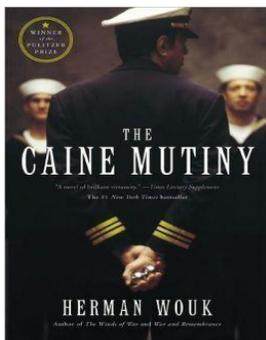
If this story of espionage and survival were a novel, readers might dismiss the Shackleton-like exploits of its hero as too fantastic to be taken seriously. But respected historian David A. Howarth confirmed the details of Jan Baalsrud's riveting tale. It begins in the spring of '43, with Norway occupied by the Nazis and the Allies desperate to open the northern sea lanes to Russia. Baalsrud and three compatriots plan to smuggle themselves into their homeland by boat, spend the summer recruiting and training resistance fighters, and launch a surprise attack on a German airbase. But he's betrayed shortly after landfall. A quick fight leaves Baalsrud alone and trapped on a freezing island above the Arctic Circle. He's poorly clothed, has a head start of only a few hundred yards on his Nazi pursuers and leaves a trail of blood as he crosses the snow. How he avoids capture and ultimately escapes is astonishing. Baalsrud's feats make the travails in Jon Krakauer's Mount Everest classic *Into Thin Air* look like child's play. This amazing book will disappoint no one.



The 360 Degree Leader: Developing Your Influence from Anywhere in the Organization by John C. Maxwell

Learn how to lead with maximum impact, regardless of your position, through this masterclass distillation of John C. Maxwell's thirty years of experience teaching people how to make a significant difference in their organizations. Start leading NOW What's the number one question leadership expert John C. Maxwell is asked while conducting his leadership conferences? "How can I implement what you teach when I'm not the top leader?" Is it possible to lead well when you're not the top dog? How about if the person you work for is a bad leader? The answer is a resounding yes!

Welcome to The 360° Leader. People who desire to lead from the middle of organizations face unique challenges. And they are often held back by myths that prevent them from developing their influence. Dr. Maxwell debunks the myths, shows you how to overcome the challenges, and teaches you the skills you need to become a 360° leader. Practice the disciplines of 360° leadership and the opportunities will be endless... for your organization, for your career, and for your life.

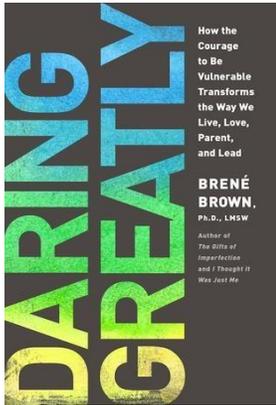


The Caine Mutiny by Herman Wouk

The novel that inspired the now-classic film *The Caine Mutiny* and the hit Broadway play *The Caine Mutiny Court-Martial*, Herman Wouk's boldly dramatic, brilliantly entertaining novel of life and mutiny-on a Navy warship in the Pacific theater was immediately embraced, upon its original publication in 1951, as one of the first serious works of American fiction to grapple with the moral complexities and the human consequences of World War II.

In the intervening half century, *The Caine Mutiny* has become a perennial favorite of readers young and old, has sold millions of copies throughout the world, and has achieved the status of a modern classic.

LEADERSHIP



Daring Greatly: How the Courage to Be Vulnerable Transforms the Way We Live, Love, Parent, and Lead by Brené Brown

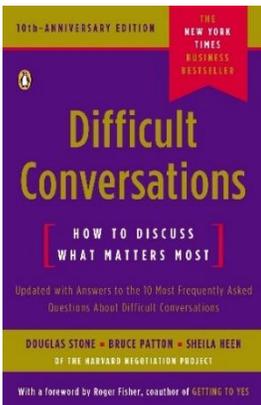
Dr. Brené Brown offers a powerful new vision that encourages us to dare greatly: to embrace vulnerability and imperfection, to live wholeheartedly, and to courageously engage in our lives.

Every day we experience uncertainty, risks, and emotional exposure that define what it means to be vulnerable and dare greatly. Whether the arena is a new relationship, an important meeting, our creative process, or a difficult family conversation, we must find the courage to walk into vulnerability and engage with our whole hearts.

In *Daring Greatly*, Dr. Brown challenges everything we think we know about vulnerability.

Based on twelve years of research, she argues that vulnerability is not weakness, but our

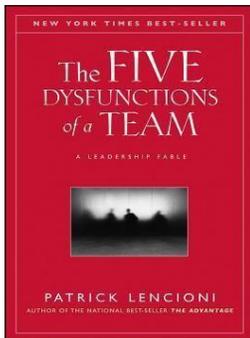
clearest path to courage and meaningful connection. *Daring Greatly* will spark a new spirit of truth and trust in our organizations, families, schools, and communities.



Difficult Conversations: How to Discuss What Matters Most by Douglas Stone

We attempt or avoid difficult conversations every day-whether dealing with an underperforming employee, disagreeing with a spouse, or negotiating with a client. From the Harvard Negotiation Project, the organization that brought you *Getting to Yes*, *Difficult Conversations* provides a step-by-step approach to having those tough conversations with less stress and more success. you'll learn how to:

- Decipher the underlying structure of every difficult conversation
- Start a conversation without defensiveness
- Listen for the meaning of what is not said
- Stay balanced in the face of attacks and accusations
- Move from emotion to productive problem solving

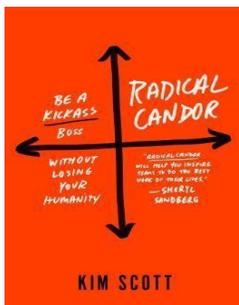


The Five Dysfunctions of a Team: A Leadership Fable by Patrick Lencioni

Kathryn Petersen, Decision Tech's CEO, faces the ultimate leadership crisis: Uniting a team in such disarray that it threatens to bring down the entire company. Will she succeed? Will she be fired? Will the company fail? Lencioni's utterly gripping tale serves as a timeless reminder that leadership requires as much courage as it does insight.

Throughout the story, Lencioni reveals the five dysfunctions which go to the very heart of why teams even the best ones-often struggle. He outlines a powerful model and actionable steps that can be used to overcome these common hurdles and build a cohesive, effective team.

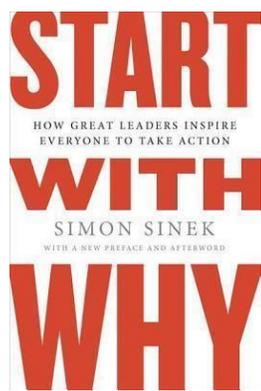
LEADERSHIP



Radical Candor: Be a Kickass Boss Without Losing Your Humanity by Kim Malone Scott

From the time we learn to speak, we're told that if you don't have anything nice to say, don't say anything at all. While this advice may work for everyday life, it is, as Kim Scott has seen, a disaster when adopted by managers. Radical candor is the sweet spot between managers who are obnoxiously aggressive on one side and ruinously empathetic on the other. It's about providing guidance, which involves a mix of praise as well as criticism—delivered to produce better results and help employees achieve.

Great bosses have strong relationships with their employees, and Scott has identified three simple principles for building better relationships with your employees: make it personal, get (sh)it done, and understand why it matters. *Radical Candor* offers a guide to those bewildered or exhausted by management, written for bosses and those who manage bosses. Taken from years of the author's experience and distilled clearly giving actionable lessons to the reader; it shows managers how to be successful while retaining their humanity, finding meaning in their job, and creating an environment where people both love their work and their colleagues.

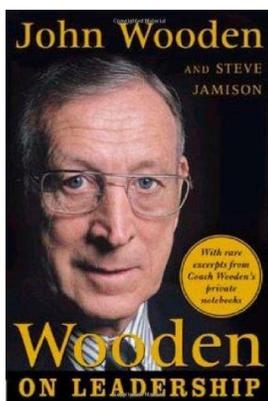


Start with Why: How Great Leaders Inspire Everyone to Take Action by Simon Sinek

Why do you do what you do? Why are some people and organizations more innovative, more influential, and more profitable than others? Why do some command greater loyalty from customers and employees alike? Even among the successful, why are so few able to repeat their success over and over?

In studying the leaders who've had the greatest influence in the world, Simon Sinek discovered that they all think, act, and communicate in the exact same way—and it's the complete opposite of what everyone else does. Sinek calls this powerful idea The Golden Circle, and it provides a framework upon which organizations can be built, movements can be lead, and people can be inspired. And it all starts with WHY.

Drawing on a wide range of real-life stories, Sinek weaves together a clear vision of what it truly takes to lead and inspire. This book is for anyone who wants to inspire others or someone to inspire them.

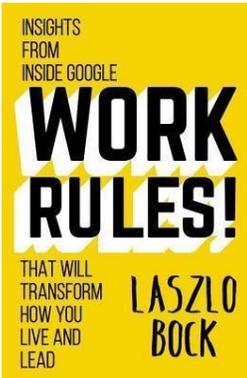


Wooden on Leadership: How to Create a Winning Organization by John Wooden, Steve Jamison

"Team spirit, loyalty, enthusiasm, determination. . . Acquire and keep these traits and success should follow." - Coach John Wooden

John Wooden's goal in 41 years of coaching never changed; namely, to get maximum effort and peak performance from each of his players in the manner that best served the team. *Wooden on Leadership* explains step-by-step how he pursued and accomplished this goal. Focusing on Wooden's 12 Lessons in Leadership and his acclaimed Pyramid of Success, it outlines the mental, emotional, and physical qualities essential to building a winning organization, and shows you how to develop the skill, confidence, and competitive fire to "be at your best when your best is needed"--and teach your organization to do the same.

WARFIGHTING



Work Rules! Insights from Inside Google That Will Transform How You Live and Lead by Laszlo Bock

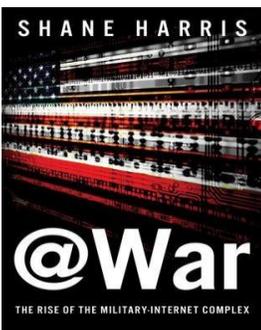
"We spend more time working than doing anything else in life. It's not right that the experience of work should be so de-motivating and dehumanizing."

So says Laszlo Bock, head of People Operations at the company that transformed how the world interacts with knowledge. If you're comfortable with the amount of freedom you've given your employees, you haven't gone far enough.

Drawing on the latest research in behavioral economics and a profound grasp of human psychology, **WORK RULES!** provides teaching examples from a range of industries—including lauded companies that happen to be hideous places to work and little-known companies that achieve spectacular results by valuing and listening to their employees. Bock takes us inside one

of history's most explosively successful businesses to reveal why Google is consistently rated one of the best places to work in the world, distilling 15 years of intensive worker R&D into principles that are easy to put into action, whether you're a team of one or a team of thousands.

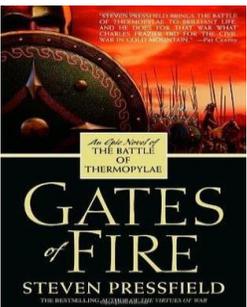
WORK RULES! shows how to strike a balance between creativity and structure, leading to success you can measure in quality of life. Read it to build a better company from within rather than from above and reawaken joy in what you do.



@War: The Rise of the Military-Internet Complex by Shane Harris

A surprising, page turning account of how the wars of the future are already being fought today. The United States military currently views cyberspace as the "fifth domain" of warfare (alongside land, air, sea, and space), and the Department of Defense, the National Security Agency, and the CIA all field teams of hackers who can, and do, launch computer virus strikes against enemy targets. In fact, as **@WAR** shows, U.S. hackers were crucial to our victory in Iraq. Shane Harris delves into the frontlines of America's new cyber war. As recent revelations have shown, government agencies are joining with tech giants like Google and Facebook to collect vast amounts of information. The military has also formed a new alliance with tech and finance

companies to patrol cyberspace, and Harris offers a deeper glimpse into this partnership than we have ever seen before. Finally, Harris explains what the new cybersecurity regime means for all of us, who spend our daily lives bound to the Internet and are vulnerable to its dangers.

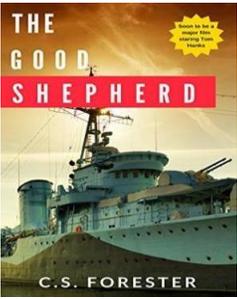


Gates of Fire: An Epic Novel of the Battle of Thermopylae by Steven Pressfield

At Thermopylae, a rocky mountain pass in northern Greece, the feared and admired Spartan soldiers stood three hundred strong. Theirs was a suicide mission, to hold the pass against the invading millions of the mighty Persian army.

Day after bloody day they withstood the terrible onslaught, buying time for the Greeks to rally their forces. Born into a cult of spiritual courage, physical endurance, and unmatched battle skill, the Spartans would be remembered for the greatest military stand in history—one that would not end until the rocks were awash with blood, leaving only one gravely injured Spartan squire to tell the tale.

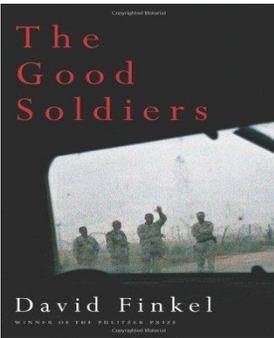
WARFIGHTING



The Good Shepherd by C.S. Forester

A convoy of thirty-seven merchant ships is ploughing through icy, submarine-infested North Atlantic seas during the most critical days of World War II, when the German submarines had the upper hand and Allied shipping was suffering heavy losses. In charge is Commander George Krause, an untested veteran of the U.S. Navy.

Hounded by a wolf pack of German U-boats, he faces 48 hours of desperate peril trapped the bridge of the ship. Exhausted beyond measure, he must make countless and terrible decisions as he leads his small fighting force against the relentless U-boats.

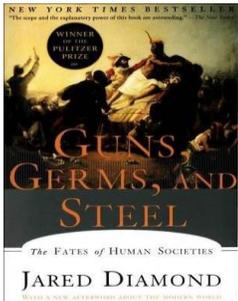


The Good Soldiers by David Finkel

It was the last-chance moment of the war. In January 2007, President George W. Bush announced a new strategy for Iraq. He called it the surge. “Many listening tonight will ask why this effort will succeed when previous operations to secure Baghdad did not. Well, here are the differences,” he told a skeptical nation. Among those listening were the young, optimistic army infantry soldiers of the 2-16, the battalion nicknamed the Rangers. About to head to a vicious area of Baghdad, they decided the difference would be them.

Fifteen months later, the soldiers returned home forever changed. Pulitzer Prize-winning *Washington Post* reporter David Finkel was with them in Bagdad, and almost every grueling step of the way.

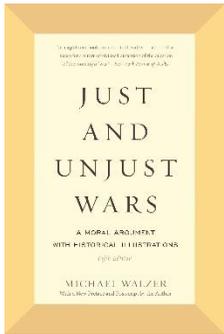
What was the true story of the surge? And was it really a success? Those are the questions he grapples with in his remarkable report from the front lines. Combining the action of Mark Bowden’s *Black Hawk Down* with the literary brio of Tim O’Brien’s *The Things They Carried*, *The Good Soldiers* is an unforgettable work of reportage. And in telling the story of these good soldiers, the heroes and the ruined, David Finkel has also produced an eternal tale—not just of the Iraq War, but of all wars, for all time.



Guns, Germs, and Steel: The Fates of Human Societies by Jared Diamond

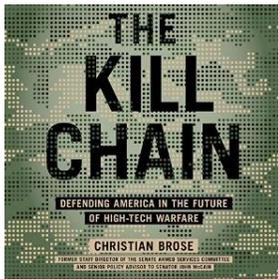
Jared Diamond convincingly argues that geographical and environmental factors shaped the modern world. Societies that had a head start in food production advanced beyond the hunter-gatherer stage, and then developed writing, technology, government, and organized religion—as well as nasty germs and potent weapons of war—and adventured on sea and land to conquer and decimate preliterate cultures. A major advance in our understanding of human societies, *Guns, Germs, and Steel* chronicles the way that the modern world came to be and stunningly dismantles racially based theories of human history.

WARFIGHTING



Just Unjust Wars by Michael Walzer

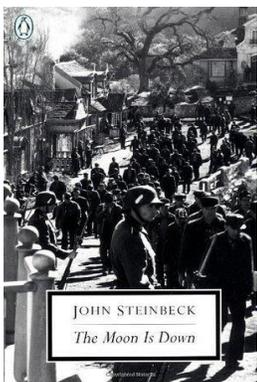
From the Athenian attack on Melos to the My Lai Massacre, from the wars in the Balkans through the first war in Iraq, Michael Walzer examines the moral issues surrounding military theory, war crimes, and the spoils of war. He studies a variety of conflicts over the course of history, as well as the testimony of those who have been most directly involved - participants, decision makers, and victims. In his introduction to this new edition, Walzer specifically addresses the moral issues surrounding the war in and occupation of Iraq, reminding us once again that "the argument about war and justice is still a political and moral necessity."



The Kill Chain: Defending America in the Future of High-Tech Warfare by Christian Brose

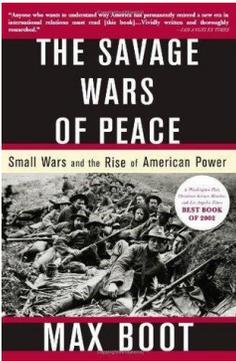
When we think about the future of war, the military and Washington and most everyone gets it backwards. We think in terms of buying single military systems, such as fighter jets or aircraft carriers. And when we think about modernizing those systems, we think about buying better versions of the same things. But what really matters is not the single system but "the battle network" - the collection of sensors and shooters that enables a military to find an enemy system, target it, and attack it. This process is what the military calls "the kill chain" - how you get from detection to action and do it as quickly as possible. The future of war is not about buying better versions of the same systems we have always had; it is about buying faster, better kill chains. As former Staff Director for the Senate Armed Services Committee and senior policy advisor to Senator John McCain, Christian Brose saw this reality up close. In *The Kill Chain*, he elaborates on one of the greatest strategic predicaments facing America now: that we are playing a losing game. Our military's technological superiority and traditional approach to projecting power have served us well for decades when we faced lesser opponents. But now we face highly capable and motivated competitors that are using advanced technologies to erode our military edge, and with it, our ability to prevent war, deter aggression, and maintain peace.

We must adapt or fail, Brose writes, and the biggest obstacle to doing so is the sheer inertial force of the status quo.



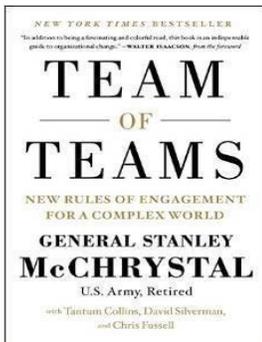
The Moon Is Down by John Steinbeck

Set in Norway during World War II, Steinbeck explores the effects of invasion on both the conquered and the conquerors. As he delves into the emotions of the German commander and the Norwegian traitor, and depicts the spirited patriotism of the Norwegian underground, Steinbeck uncovers profound, often unsettling truths about war—and about human nature. Nobel Prize winner John Steinbeck's self-described "celebration of the durability of democracy" had an extraordinary impact as Allied propaganda in Nazi-occupied Europe. Despite Axis efforts to suppress it.



The Savage Wars of Peace: Small Wars and the Rise of American Power by Max Boot

America's "small wars," "imperial wars," or, as the Pentagon now terms them, "low-intensity conflicts," have played an essential but little-appreciated role in its growth as a world power. Beginning with Jefferson's expedition against the Barbary Pirates, Max Boot tells the exciting stories of our sometimes minor but often bloody landings in Samoa, the Philippines, China, Haiti, the Dominican Republic, Nicaragua, Mexico, Russia, and elsewhere. Along the way he sketches colorful portraits of little-known military heroes such as Stephen Decatur, "Fighting Fred" Funston, and Smedley Butler. From 1800 to the present day, such undeclared wars have made up most of our military engagements. Yet the military has often resisted preparing itself for small wars, preferring instead to train for big conflicts that seldom come. Boot re-examines the tragedy of Vietnam through a "small war" prism. He concludes with a devastating critique of the Powell Doctrine and a convincing argument that the armed forces must reorient themselves to better handle small-war missions, because such clashes are an inevitable result of America's far-flung imperial responsibilities.

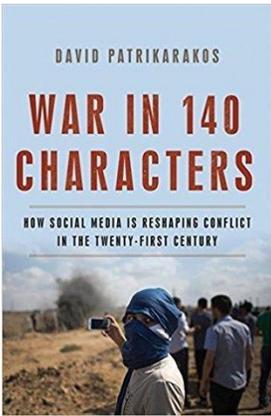


Team of Teams: New Rules of Engagement for a Complex World by Stanley McChrystal, Chris Fussell, Tatum Collins, David Silverman

General Stanley McChrystal played a crucial role in the War on Terror. But when he took the helm in 2004, America was losing that war badly: despite vastly inferior resources and technology, Al Qaeda was outmaneuvering America's most elite warriors. McChrystal came to realize that today's faster, more interdependent world had overwhelmed the conventional, top-down hierarchy of the US military. Al Qaeda had seen the future: a decentralized network that could move quickly and strike ruthlessly. To defeat such an enemy, JSOC would have to discard a century of management wisdom, and pivot from a pursuit of mechanical efficiency to organic adaptability.

Under McChrystal's leadership, JSOC remade itself, during a grueling war, into something entirely new: a network that combined robust centralized communication with decentralized managerial authority. As a result, they beat Al Qaeda. In this book, McChrystal shows not only how the military made that transition, but also how similar shifts are possible in all organizations, from large companies to startups to charities to governments. In a turbulent world, the best organizations think and act like a team of teams, embracing small groups that combine the freedom to experiment with a relentless drive to share what they've learned. Drawing on a wealth of evidence from his military career, the private sector, and sources as diverse as hospital emergency rooms and NASA's space program, McChrystal frames the existential challenge facing today's organizations, and presents a compelling, effective solution.

HISTORY

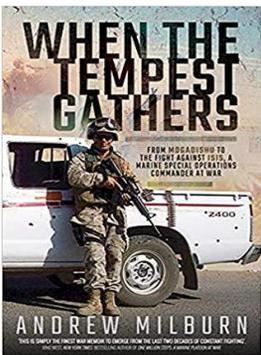


War in 140 Characters: How Social Media Is Reshaping Conflict in the Twenty-First Century by David Patrikarakos

A leading foreign correspondent looks at how social media has transformed the modern battlefield, and how wars are fought. Modern warfare is a war of narratives, where bullets are fired both physically and virtually. Whether you are a president or a terrorist, if you don't understand how to deploy the power of social media effectively you may win the odd battle but you will lose a twenty-first century war.

Journalist David Patrikarakos draws on unprecedented access to key players to provide a new narrative for warfare. He travels thousands of miles across continents to meet a de-radicalized female member of ISIS recruited via Skype, a liberal Russian in Siberia who takes a job manufacturing "Ukrainian" news, and many others to explore the way social media has changed the way we fight, win, and consume wars - and what this means for the world going

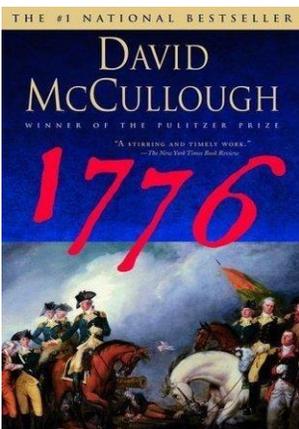
forward.



When the Tempest Gathers: From Mogadishu to the Fight Against ISIS, a Marine Special Operations Commander at War by Andrew Milburn

These are the intense combat experiences of the first Marine to command a special operations task force recounted against a backdrop of his journey from raw Second Lieutenant to Task Force Commander; from leading Marines through the streets of Mogadishu, Baghdad and Mosul to directing special operations in an impossibly complex fight against a formidable foe. The journey culminates in the story's centerpiece: the fight against ISIS - one which finally seems to make sense for the soldiers, sailors and Marines involved, in which the author can use the lessons of his harsh apprenticeship to lead the SOF task force under his command to hasten the Caliphate's eventual demise. Milburn combines self-effacing candor with the insight and skill of

a natural storyteller to make the reader experience what it's like to lead those who fight America's wars.



1776 by David McCullough

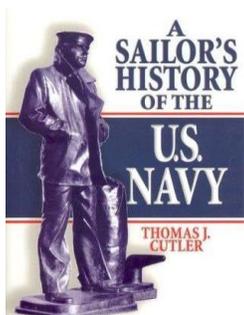
In this masterful book, David McCullough tells the intensely human story of those who marched with General George Washington in the year of the Declaration of Independence - when the whole American cause was riding on their success, without which all hope for independence would have been dashed and the noble ideals of the Declaration would have amounted to little more than words on paper.

Based on extensive research in both American and British archives, 1776 is a powerful drama written with extraordinary narrative vitality. It is the story of Americans in the ranks, men of every shape, size, and color, farmers, schoolteachers, shoemakers, no-accounts, and mere boys turned soldiers. And it is the story of the King's men, the British commander, William Howe, and his highly disciplined redcoats who looked on their rebel foes with contempt and fought with a valor too little known.

At the center of the drama, with Washington, are two young American patriots, who, at first, knew no more of war than what they had read in books - Nathaniel Green, a Quaker who was made a general at thirty-three, and Henry Knox, a

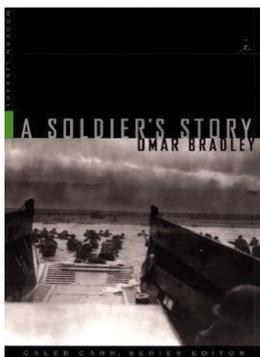
HISTORY

twenty-five-year-old bookseller who had the preposterous idea of hauling the guns of Fort Ticonderoga overland to Boston in the dead of Winter. But it is the American commander-in-chief who stands foremost - Washington, who had never led an army in battle. Written as a companion work to his celebrated biography of John Adams, David McCullough's 1776 is another landmark in the literature of American history.



A Sailor's History of the U.S. Navy by Thomas J. Cutler

Thomas J. Cutler has compiled a history of our naval heritage in the form of A Sailor's History of the U.S. Navy. There are a number of themes being used--the most obvious are manifested in chapters with the themes of "honor," "courage," and "commitment," but others serve as useful vehicles as well; for example, there is a chapter called "What's in a Name?" that briefly discusses how ships have been/are named and then uses the many ships that have carried the name "Enterprise" as the theme for presenting significant portions of the Navy's history.

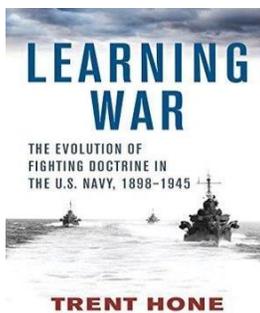


A Soldier's Story by Omar N. Bradley

D-Day, the Battle of the Bulge, the liberation of Paris, the relentless drive through Germany toward Allied victory-Omar Bradley, the "GI General," was there for every major engagement in the European theater.

A Soldier's Story is the behind-the-scenes eyewitness account of the war that shaped our century: the tremendous manpower at work, the unprecedented stakes, the snafus that almost led to defeat, the larger-than-life personalities, and brilliant generals (Patton, Eisenhower, Montgomery) who masterminded it all.

One of the two books on which the movie Patton was based, A Soldier's Story is a compelling and vivid memoir from the greatest military tactician of our time.



Learning War: The Evolution of Fighting Doctrine in the U.S. Navy, 1898-1945 by Trent Hone

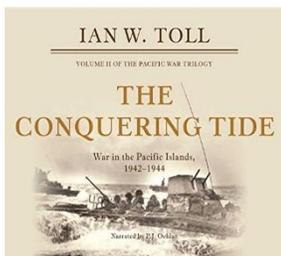
Learning War examines the U.S. Navy's doctrinal development from 1898-1945 and explains why the Navy in that era was so successful as an organization at fostering innovation. A revolutionary study of one of history's greatest success stories, this book draws profoundly important conclusions that give new insight, not only into how the Navy succeeded in becoming the best naval force in the world, but also into how modern organizations can exploit today's rapid technological and social changes in their pursuit of success.

Trent Hone argues that the Navy created a sophisticated learning system in the early years of the twentieth century that led to repeated innovations in the development of surface warfare tactics and doctrine. The conditions that allowed these innovations to emerge are analyzed

through a consideration of the Navy as a complex adaptive system.

Learning War is the first major work to apply this complex learning approach to military history. This approach permits a richer understanding of the mechanisms that enable human organizations to evolve, innovate, and learn, and it offers new insights into the history of the United States Navy.

HISTORY



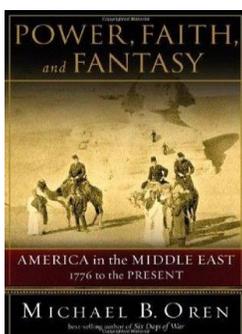
The Conquering Tide: War in the Pacific Islands, 1942-1944 by Ian W. Toll

The devastation of Pearl Harbor and the American victory at Midway were prelude to a greater challenge: rolling back the vast Japanese Pacific empire island by island.

This masterful history encompasses the heart of the Pacific War - the period between mid-1942 and mid-1944 - when parallel Allied counteroffensives north and south of the equator washed over Japan's far-flung island empire like a "conquering tide", concluding with Japan's irreversible strategic defeat in the Marianas. It was the largest, bloodiest, most costly, most technically innovative and logistically complicated amphibious war in history, and it fostered

bitter interservice rivalries, leaving wounds that even victory could not heal.

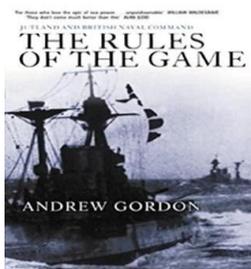
Brilliantly researched, the narrative is propelled and colored by firsthand accounts - letters, diaries, debriefings, and memoirs - that are the raw material of the telling details, shrewd judgment, and penetrating insight of this magisterial history.



Power, Faith, and Fantasy: America in the Middle East 1776 to the Present by Michael B. Oren

This best-selling history is the first fully comprehensive history of America's involvement in the Middle East from George Washington to George W. Bush. As Niall Ferguson writes, "If you think America's entanglement in the Middle East began with Roosevelt and Truman, Michael Oren's deeply researched and brilliantly written history will be a revelation to you, as it was to me.

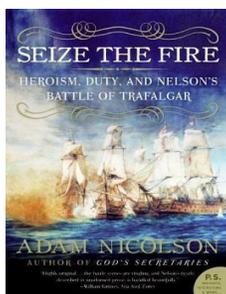
With its cast of fascinating characters—earnest missionaries, maverick converts, wide-eyed tourists, and even a nineteenth-century George Bush—Power, Faith, and Fantasy is not only a terrific read, it is also proof that you don't really understand an issue until you know its history."



The Rules of the Game: Jutland and British Naval Command By Gilbert Andrew, Hugh Gordon

In juxtaposing an operational with a cultural theme, the author comes closer than any historian yet to explaining what was behind the often described operations of this famous 1916 battle at Jutland. Although the British fleet was victorious over the Germans, the cost in ships and men was high, and debates have raged within British naval circles ever since about why the Royal Navy was unable to take advantage of the situation. In this book Andrew Gordon focuses on what he calls a fault-line between two incompatible styles of tactical leadership within the Royal

Navy and different understandings of the rules of the games.

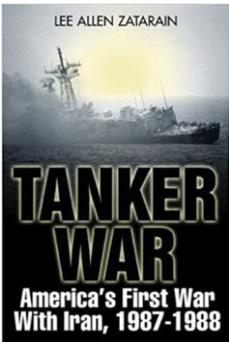


Seize the Fire: Heroism, Duty, and Nelson's Battle of Trafalgar by Adam Nicolson

Adam Nicolson takes the great naval battle of Trafalgar, fought between the British and Franco-Spanish fleets in October 1805, and uses it to examine our idea of heroism and the heroic. A story rich with modern resonance, Seize the Fire reveals the economic impact of the battle as a victorious Great Britain emerged as a global commercial empire.

Nicolson not only vividly describes the brutal realities of battle but enters the hearts and minds of the men who were there. His masterful history is a portrait of a moment, a close and passionately engaged depiction of a frame of mind at a turning point in world history.

HISTORY



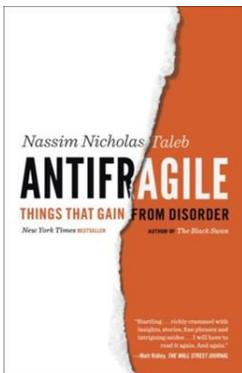
Tanker War: America's First Conflict with Iran, 1987-88 by Lee Allen Zatarain

In May 1987 the US frigate Stark, calmly sailing the waters of the Persian Gulf, was suddenly blown apart by an Exocet missile fired from a jet fighter of Iraq's Saddam Hussein. A fifth of the ship's crew were killed and many others horribly burned or wounded. This event jumpstarted one of the most mysterious conflicts in American history: "The Tanker War," waged against Iran for control of the Persian Gulf.

This quasi-war took place at the climax of the mammoth Iran-Iraq War, during the last years of the Reagan administration. Losing on the battlefield, Ayatollah Khomeini's Iran had decided to close the Persian Gulf against shipping from Iraq's oil-rich backers, the emirate of Kuwait. The Kuwaitis appealed for help and America sent a fleet to the Gulf.

In Tanker War, Lee Allen Zatarain, employing recently released Pentagon documents, firsthand interviews, and a determination to get to the truth, has revealed a conflict that few recognized at the time, but which may have presaged further battles to come.

STRATEGIC THINKING

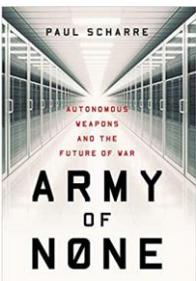


Antifragile: Things That Gain from Disorder by Nassim Nicholas Taleb

Antifragile offers a definitive solution: how to gain from disorder and chaos while being protected from fragilities and adverse events. For what Taleb calls the "antifragile" is beyond the robust because it benefits from shocks, uncertainty, and stressors, just as human bones get stronger when subjected to stress and tension. The antifragile needs disorder to survive and flourish.

Taleb stands uncertainty on its head, making it desirable, even necessary, and proposes that things be built in an antifragile manner. The antifragile is immune to prediction errors. Why is the city-state better than the nation-state, why is debt bad for you, and why is everything that is both modern and complicated bound to fail?

Extremely ambitious and multidisciplinary, *Antifragile* provides a blueprint for how to behave - and thrive - in a world we don't understand, and which is too uncertain for us to even try to understand and predict. Erudite and witty, Taleb's message is revolutionary: What is not antifragile will surely perish.

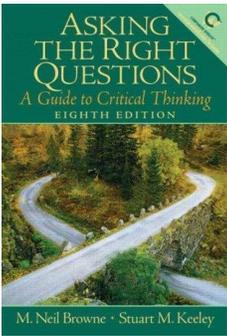


Army of None: Autonomous Weapons and the Future of War by Paul Scharre

What happens when a Predator drone has as much autonomy as a Google car? Or when a weapon that can hunt its own targets is hacked? Although it sounds like science fiction, the technology already exists to create weapons that can attack targets without human input.

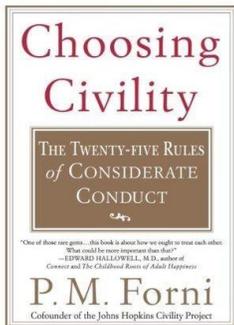
Army of None engages military history, global policy, and cutting-edge science to argue that we must embrace technology where it can make war more precise and humane, but without surrendering human judgment. When the choice is life or death, there is no replacement for the human heart.

STRATEGIC THINKING



Asking the Right Questions: A Guide to Critical Thinking by M. Neil Browne

The habits and attitudes associated with critical thinking are transferable to consumer, medical, legal, and general ethical choices. When our surgeon says surgery is needed, it can be life sustaining to seek answers to the critical questions encouraged in Asking the Right Questions This popular book helps bridge the gap between simply memorizing or blindly accepting information, and the greater challenge of critical analyzing the things we are told and read. It gives strategies for responding to alternative points of view and will help readers develop a solid foundation for making personal choices about what to accept and what to reject.

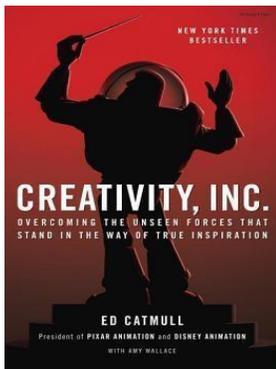


Choosing Civility: The Twenty-Five Rules of Considerate Conduct by P.M. Forni

Most people would agree that thoughtful behavior and common decency are in short supply, or simply forgotten in hurried lives of emails, cellphones, and multi-tasking. In Choosing Civility, P. M. Forni identifies the twenty-five rules that are most essential in connecting effectively and happily with others. In clear, witty, and, well...civilized language, Forni covers topics that include: Think Twice Before Asking Favors, Give Constructive Criticism, Refrain from Idle Complaints, Respect Others' Opinions, Don't Shift Responsibility and Blame, Care for Your Guests, Accept and Give Praise.

Finally, Forni provides examples of how to put each rule into practice and so make life-and the lives of others-more enjoyable, companionable, and rewarding.

Choosing Civility is a simple, practical, perfectly measured, and quietly magical handbook on the lost art of civility and compassion.



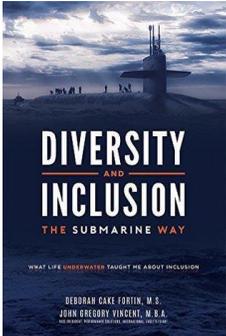
Creativity, Inc.: Overcoming the Unseen Forces That Stand in the Way of True Inspiration by Ed Catmull

Creativity, Inc. is a book for managers who want to lead their employees to new heights, a manual for anyone who strives for originality, and the first-ever, all access trip into the nerve center of Pixar Animation—into the meetings, postmortems, and “Braintrust” sessions where some of the most successful films in history are made. It is, at heart, a book about how to build a creative culture—but it is also, as Pixar co-founder and president Ed Catmull writes, “An expression of the ideas that I believe make the best in us possible.”

For nearly twenty years, Pixar has dominated the world of animation, producing such beloved films as the Toy Story trilogy, Monsters, Inc., Finding Nemo, The Incredibles, Up, and WALL-E, which have gone on to set box-office records and garner thirty Academy Awards. The essential ingredient in movie success was the unique environment that Catmull and his colleagues built at Pixar, based on philosophies that protect the creative process and defy convention, such as: Give a good idea to a mediocre team, and they will screw it up. But give a mediocre idea to a great team, and they will either fix it or come up with something better, if you don't strive to uncover what is unseen and understand its nature, you will be ill prepared to lead, it's not the manager's job to prevent risks it's the manager's job to make it safe for others to take them, the cost of preventing errors is often far greater than the cost of fixing them, a company's communication structure should not mirror its organizational structure, everybody should be able to talk to anybody, do not

STRATEGIC THINKING

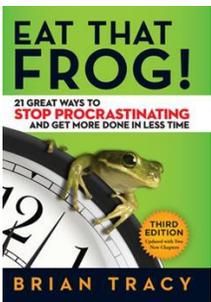
assume that general agreement will lead to change—it takes substantial energy to move a group, even when all are on board.



Diversity and Inclusion The Submarine Way: What Life Underwater Taught Me About Inclusion by Deborah Cake Fortin, John Gregory Vincent

Deep beneath the ocean's surface, submarines, hunks of metal shrouded in curiosity by those on land, are filled with a skillful crew responsible for its success. The efficiency of a strong submarine crew is the result of a community that makes acceptance of diversity and inclusion part of its expected norms. The strategies of a submarine crew can be adapted to businesses and communities, allowing them to reach peak efficiency and maintain a mission focused philosophy that promotes growth.

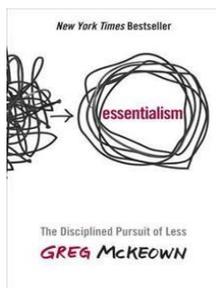
Diversity and Inclusion the Submarine Way provides insight into many techniques and principles that will teach you to: effectively manage biases and unite together as a team to solve problems, embrace what you can't change, and deal with conflict openly and directly. When it comes to a system of inclusion, there's none better than the one that organically takes place on a submarine. This book is the first step toward applying these techniques and practices to help your company succeed and thrive in a diverse and inclusive work environment.



Eat That Frog!: 21 Great Ways to Stop Procrastinating and Get More Done in Less Time by Brian Tracy

It's time to stop procrastinating and get more of the important things done! After all, successful people don't try to do everything. They focus on their most important tasks and get those done. They eat their frogs.

There's an old saying that if the first thing you do each morning is eat a live frog, you'll have the satisfaction of knowing you're done with the worst thing you'll have to do all day. Eating a frog is a metaphor for tackling your most challenging task - but also the one that can have the greatest positive impact on your life. *Eat That Frog!* shows you how to organize each day so you can zero in on these critical tasks and accomplish them efficiently and effectively. The core of what is vital to effective time management is: decision, discipline, and determination.



Essentialism: The Disciplined Pursuit of Less by Greg McKeown

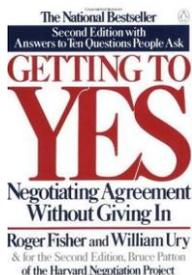
Have you ever found yourself stretched too thin? Do you simultaneously feel overworked and underutilized? Are you often busy but not productive? Do you feel like your time is constantly being hijacked by other people's agendas? If you answered yes to any of these, the way out is the Way of the Essentialist. The Way of the Essentialist isn't about getting more done in less time. It's about getting only the right things done. It is not a time management strategy, or a productivity technique. It is a systematic discipline for discerning what is essential, then eliminating everything that is not, so we can make the highest

possible contribution towards the things that really matter.

By forcing us to apply a more selective criteria for what is Essential, the disciplined pursuit of less empowers us to reclaim control of our own choices about where to spend our precious time and energy – instead of giving others the implicit permission to choose for us. Essentialism is not one more thing – it's a whole new way of doing

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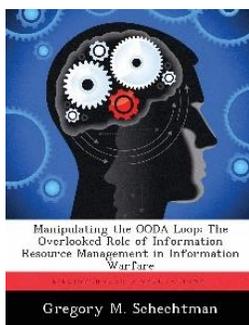
everything. A must-read for any leader, manager, or individual who wants to learn who to do less, but better, in every area of their lives, Essentialism is a movement whose time has come.



Getting to Yes: Negotiating Agreement Without Giving In by Roger Fisher, William Ury, Bruce Patton

Getting to Yes describes a method of negotiation that isolates problems, focuses on interests, creates new options, and uses objective criteria to help two parties reach an agreement.

Getting to Yes has helped millions of people learn a better way to negotiate, the book offers a proven, step-by-step strategy for coming to mutually acceptable agreements in every sort of conflict. Thoroughly updated and revised, it offers readers a universally applicable method for negotiating personal and professional disputes without getting angry or getting taken.



Manipulating the OODA Loop: The Overlooked Role of Information Resource Management in Information Warfare by Gregory M. Schechtman

A groundswell of interest in information as a weapon of warfare is growing within the U.S. armed services. Military strategists are looking at information as a tool to leverage our forces and make them irresistible in battle. Yet, there is little agreement as to what information warfare (IW) is, let alone how it is best fought.

This fundamental disagreement is serving as an impediment to unified actions as the Air Force seeks its role in this arena. Information resource management practitioners are questioning their role in supporting this mission. This thesis discusses limitations of existing

information warfare interpretations in light of Col John R. Boyd's decision model, the Observation-Orientation-Decision-Action (OODA) Loop, and offers a synthesized model of information warfare for use in the Air Force. It then offers information resource management (IRM) as a viable decision-support mechanism in that interpretation.

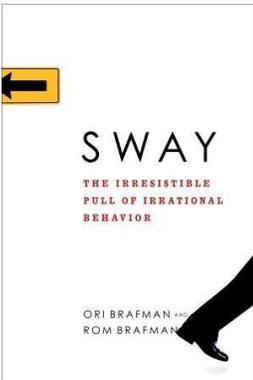
the signal and the noise and the noise and the noise and the noise why so many predictions fail—but some don't t and the noise and the noise and the nate silver noise and the co

The Signal and the Noise by Nate Silver

Drawing on his own groundbreaking work, Silver examines the world of prediction, investigating how we can distinguish a true signal from a universe of noisy data. Most predictions fail, often at great cost to society, because most of us have a poor understanding of probability and uncertainty. Both experts and laypeople mistake more confident predictions for more accurate ones. But overconfidence is often the reason for failure. If our appreciation of uncertainty improves, our predictions can get better too. This is the "prediction paradox": The more humility we have about our ability to make predictions, the more successful we can be in planning for the future.

Silver observes that the most accurate forecasters tend to have a superior command of probability, and they tend to be both humble and hardworking. They distinguish the predictable from the unpredictable, and they notice a thousand little details that lead them closer to the truth. Because of their appreciation of probability, they can distinguish the signal from the noise.

STRATEGIC THINKING

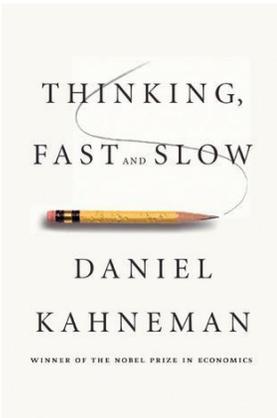


Sway: The Irresistible Pull of Irrational Behavior by Ori Brafman

Why is it so difficult to sell a plummeting stock or end a doomed relationship? Why do we listen to advice just because it came from someone “important”? Why are we more likely to fall in love when there’s danger involved? In *Sway*, renowned organizational thinker Ori Brafman answers all these questions and more.

Drawing on cutting-edge research from the fields of social psychology, behavioral economics, and organizational behavior, *Sway* reveals dynamic forces that influence every aspect of our personal and business lives, including loss aversion (our tendency to go to great lengths to avoid perceived losses), the diagnosis bias (our inability to reevaluate our initial diagnosis of a person or situation), and the “chameleon effect” (our tendency to take on characteristics that have been arbitrarily assigned to us).

Occasionally, a book comes along that not only challenges our views of the world but changes the way we think. In *Sway*, not only do you uncover rational explanations for a wide variety of irrational behaviors but the book also points readers toward ways to avoid succumbing to their pull.



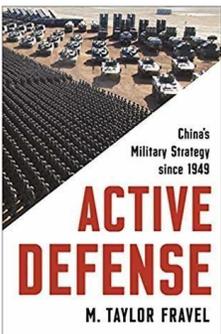
Thinking, Fast and Slow by Daniel Kahneman

Kahneman takes us on a groundbreaking tour of the mind and explains the two systems that drive the way we think. System 1 is fast, intuitive, and emotional; System 2 is slower, more deliberative, and more logical. Kahneman exposes the extraordinary capabilities - and the faults and biases - of fast thinking and reveals the pervasive influence of intuitive impressions on our thoughts and behavior.

The impact of loss aversion and overconfidence on corporate strategies, the difficulties of predicting what will make us happy in the future, the challenges of properly framing risks at work and at home, the profound effect of cognitive biases on everything from playing the stock market to planning the next vacation - each of these can be understood only by knowing how the two systems work together to shape our judgments and decisions.

Kahneman reveals where we can and cannot trust our intuitions and how we can tap into the benefits of slow thinking. *Thinking, Fast and Slow* will transform the way you think about thinking.

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Active Defense: China's Military Strategy Since 1949 by M. Taylor Fravel

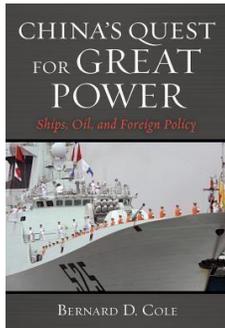
What changes in China's modern military policy reveal about military organizations and strategy since the 1949 Communist Revolution, China has devised nine different military strategies, which the People's Liberation Army (PLA) calls "strategic guidelines." What accounts for these numerous changes?

Active Defense offers the first systematic look at China's military strategy from the mid-twentieth century to today. Exploring the range and intensity of threats that China has faced, M. Taylor Fravel illuminates the nation's past and present military goals and how China sought to achieve them and offers a rich set of cases for deepening the study of change in military organizations. Drawing from

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diverse Chinese-language sources, including memoirs of leading generals, military histories, and document collections that have become available only in the last two decades, Fravel shows why transformations in military strategy were pursued at certain times and not others.

Delving into the security threats China has faced over the last seven decades, *Active Defense* offers a detailed investigation into how and why states alter their defense policies.

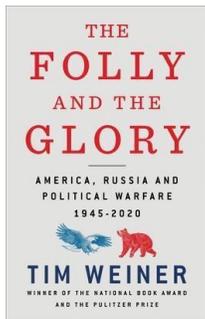


China's Quest for Great Power: Ships, Oil, and Foreign Policy by Bernard D. Cole

This book examines China's national security strategy by looking at the three major elements-- foreign policy, energy security, and naval power in addition to Strategic Competition and major influences on China's future and its relations with the U.S. A decade and a half into the twenty-first century, Beijing requires reliable access to energy resources, the navy to defend that access, and foreign policies to navigate safely toward its goals.

Most importantly, the People's Liberation Army-Navy (PLAN) must be able to safeguard China's regional maritime interests, especially the sovereignty disputes involving Taiwan and the Yellow, East China, and South China Seas.

China's relationship with the U.S. is vital to both countries and to the world. The relationship is based on both common and divergent interests in economics, military operations, and political goals and methods. China's international trading economy and ambition for a world-class navy require effective foreign diplomacy and participation in global affairs. This policy trifecta in large part defines China's posture to the world. Beijing is approximately halfway toward its mid-century goal of deploying a navy capable of defending China's perceived maritime interests. China's priorities follow President Xi Jinping's definition of national security as comprehensive, encompassing politics, the military, the economy, technology, the environment, and culture. What this means for future Chinese foreign policy choices, as naval modernization and energy security concerns enable different courses of action, lies at the center of this book's conclusions.



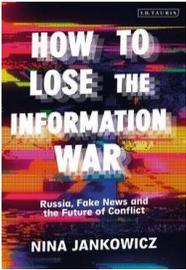
The Folly and the Glory: America, Russia, and Political Warfare 1945 - 2020 by Tim Weiner

With vivid storytelling and riveting insider accounts, Weiner traces the roots of political warfare – the conflict America and Russia have waged with espionage, sabotage, diplomacy, and disinformation from 1945 until 2020.

America won the cold war, but Russia is winning today. Vladimir Putin helped to put his chosen candidate in the White House with a covert campaign that continues to this moment. Putin's Russia has revived Soviet-era intelligence operations gaining ever more potent information from and influence over the American people and government. Yet the U.S. has put little power into its defense. This has put American democracy in peril.

Weiner takes us behind closed doors, illuminating Russian and American intelligence operations and their consequences. To get to the heart of what is at stake and find potential solutions, he examines long-running 20th century CIA operations, the global political machinations of the Soviet KGB around the world, the erosion of American political warfare after the Cold War, and how 21st century Russia has kept the cold war alive. *The Folly and the Glory* is an urgent call to our leaders and citizens to understand the nature of political warfare – and to change course before it's too late.

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How Lose the Information War: Russia, Fake News and the Future of Conflict by Nina Jankowicz
Since the start of the Trump era, the U.S. and the Western world has finally begun to wake up to the threat of online warfare and the attacks from Russia. The question no one seems to be able to answer is: what can the West do about it?

Central and Eastern European states, however, have been aware of the threat for years. Nina Jankowicz has advised these governments on the front lines of the information war. The lessons she learnt from that fight, and from her attempts to get US congress to act, make for essential reading.

How to Lose the Information War takes the reader on a journey through five Western governments' responses to Russian information warfare tactics - all of which have failed. She journeys into the campaigns the Russian operatives run, and shows how we can better understand the motivations behind these attacks and how to beat them. Above all, this book shows what is at stake: the future of civil discourse and democracy, and the value of truth itself.

The Hundred-Year Marathon

CHINA'S SECRET STRATEGY TO REPLACE AMERICA AS THE GLOBAL SUPERPOWER



Michael Pillsbury
UNABRIDGED • READ BY MALCOLM HILLGARTH

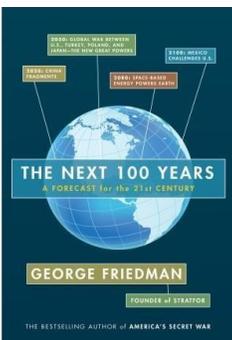
The Hundred-Year Marathon: China's Secret Strategy to Replace America as the Global Superpower

by Michael Pillsbury
One of the U.S. government's leading China experts reveals the hidden strategy fueling that country's rise - and how Americans have been seduced into helping China overtake us as the world's leading superpower.

For more than 40 years, the United States has played an indispensable role in helping the Chinese government build a booming economy, develop its scientific and military capabilities, and take its place on the world stage in the belief that China's rise will bring us cooperation, diplomacy, and free trade. But what if the "China dream" is to replace us, just

as America replaced the British Empire, without firing a shot?

Pillsbury also explains how the US government has helped - sometimes unwittingly and sometimes deliberately - to make this "China dream" come true, and he calls for the United States to implement a new, more competitive strategy toward China as it really is and not as we might wish it to be. *The Hundred-Year Marathon* is a wake-up call as we face the greatest national security challenge of the 21st century.



The Next 100 Years: A Forecast for the 21st Century

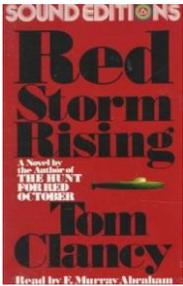
by George Friedman
In his long-awaited and provocative new book, George Friedman turns his eye on the future—offering a lucid, highly readable forecast of the changes we can expect around the world during the twenty-first century. He explains where and why future wars will erupt (and how they will be fought), which nations will gain and lose economic and political power, and how new technologies and cultural trends will alter the way we live in the new century.

The Next 100 Years draws on a fascinating exploration of history and geopolitical patterns dating back hundreds of years. Friedman shows that we are now, for the first time in half a millennium, at the dawn of a new era with changes in store, including: The U.S. - Jihadist war will conclude replaced by a second full-blown cold war with Russia, China will undergo a major extended

internal crisis, and Mexico will emerge as an important world power, a new global war will unfold toward the middle of the century between the U.S. and an unexpected coalition from Eastern Europe, Eurasia, and the Far East; but armies will be much smaller and wars will be less deadly, technology will focus on space - both for major military uses and for a dramatic new energy resource that will have radical environmental implications, and the U.S. will experience a Golden Age in the second half of the century.

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Written with the keen insight and thoughtful analysis that has made George Friedman a renowned expert in geopolitics and forecasting, *The Next 100 Years* presents a fascinating picture of what lies ahead.

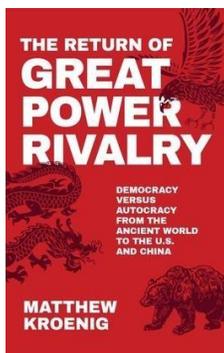


Red Storm Rising by Tom Clancy

"Allah!" With that shrill cry, three Muslim terrorists blow up a key Soviet oil complex, creating a critical oil shortage that threatens the stability of the USSR. To offer the effects of this disaster, members of the Politburo and the KGB devise a brilliant plan of diplomatic trickery - a sequence of events designed to pit the NATO allies against each other - a distraction calculated to enable the Soviets to seize all the oil in the Persian Gulf.

But as this spellbinding story of international intrigue and global politics nears its climax, the Soviets are faced with another prospect, one they hadn't planned on: a full-scale conflict in which nobody can

win.

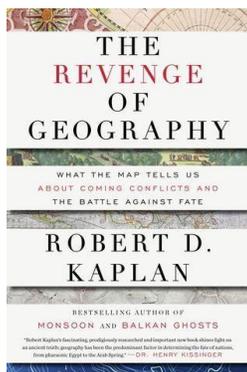


The Return of Great Power Rivalry: Democracy Versus Autocracy from the Ancient World to the U.S. and China by Matthew Kroenig

The U.S. has been the most powerful country in the world for over seventy years, but recently the U.S. National Security Strategy declared that the return of great power competition with Russia and China is the greatest threat to U.S. national security. Further, many analysts predict that America's autocratic rivals will have at least some success in disrupting-and, in the longer term, possibly even displacing-U.S. global leadership.

Brilliant and engagingly written, *The Return of Great Power Rivalry* argues that this conventional wisdom is wrong.

Mathew Kroenig advances the riveting argument that democracies tend to excel in great power rivalries. He contends that democracies have unique economic, diplomatic, and military advantages in long-run geopolitical competitions. He considers autocratic advantages as well but shows that these are more than outweighed by their vulnerabilities. Kroenig then shows these arguments through the seven most important cases of democratic-versus-autocratic rivalries throughout history, from the ancient world to the Cold War. Finally, he analyzes the new era of great power rivalry among the U.S., Russia, and China through the lens of the democratic advantage argument. By advancing a "hard-power" argument for democracy, Kroenig demonstrates that despite its many international politics and an optimistic assessment of the future of American global leadership.

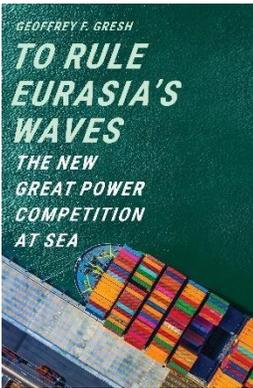


The Revenge Of Geography: What the Map Tells Us About Coming Conflicts and the Battle Against Fate by Robert D. Kaplan

In *The Revenge of Geography*, Kaplan builds on the insights, discoveries, and theories of great geographers and geopolitical thinkers of the near and distant past to look back at critical pivots in history and then to look forward at the evolving global scene. Kaplan traces the history of the world's hot spots by examining their climates, topographies, and proximities to other embattled lands. The Russian steppe's pitiless climate and limited vegetation bred hard and cruel men bent on destruction, for example, while Nazi geopoliticians distorted geopolitics entirely, calculating that space on the globe used by the British Empire and the Soviet Union could be swallowed by a greater German homeland.

A brilliant rebuttal to thinkers who suggest that globalism will trump geography, this indispensable work shows how timeless truths and natural facts can help prevent this century's looming cataclysms.

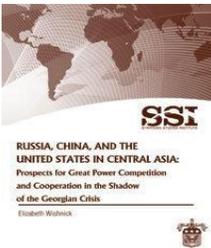
STRATEGIC COMPETITION



To Rule Eurasia's Waves: The New Great Power Competition at Sea by Geoffrey F. Gresh
Eurasia's emerging powers—India, China, and Russia—have increasingly embraced their maritime geographies as they have expanded and strengthened their economies, military capabilities, and global influence. Maritime Eurasia, a region that facilitates international commerce and contains some of the world's most strategic maritime chokepoints, has already caused a shift in the global political economy and challenged the dominance of the Atlantic world and the U.S. Climate change is set to further affect global politics.

With meticulous and comprehensive field research, Gresh considers how the melting of the Arctic ice cap will create new shipping lanes and exacerbate a contest for the control of Arctic natural resources. He explores the strategic maritime shifts as well under way from Europe to the Indian Ocean and Pacific Asia. The race for great power status and the earth's changing

landscape, Gresh shows, are rapidly transforming Eurasia and thus creating a new world order.

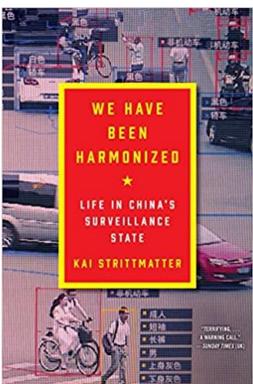


Russia, China, and the United States in Central Asia: Prospects for Great Power Competition and Cooperation in the Shadow of the Georgian Crisis by Elizabeth Wishnick

Russia and China have been reacting to the pressures of changing U.S. - Central Asia policy over the past 5 years as has the U.S. In response to the "color" revolutions, they achieved broad agreement on the priority of regime security and the need to limit the long-term military presence of the U.S. in Central Asia.

These are also two key areas - defining the political path of Central Asian states and securing a strategic foothold in the region - where the U.S. finds itself in competition with Russia and China.

The Russia-China partnership should not be seen as an anti-U.S. bloc, nor should the Shanghai Cooperation Organization (SCO) be viewed as entirely cohesive. Although there is considerable suspicion of U.S. designs on Central Asia, divergent interests within the SCO, among Central Asian states, and especially between Russia and China serve to limit any coordinated anti-U.S. activity. Despite the fissures within the SCO and the competitive tendencies within.



We Have Been Harmonized by Kai Strittmatter

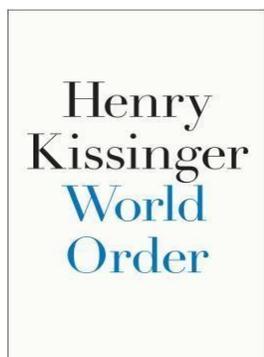
China's new drive for repression is being underpinned by unpre-cedented advances in technology: facial and voice recognition, GPS tracking, supercomputer databases, intercepted cell phone conversations, the monitoring of app use, and millions of high-resolution security cameras make it nearly impossible for a Chinese citizen to hide anything from authorities. Commercial transactions, including food deliveries and online purchases, are fed into vast databases, along with everything from biometric information to social media activities to methods of birth control. Cameras (so advanced that they can locate a single person within a stadium crowd of 60,000) scan for faces and walking patterns to track everyone's movement. In a new Social Credit System, each citizen is given a score for good behavior; for those who rate poorly, punishments include being banned from flying or taking high-speed trains, exclusion

from certain jobs, and preventing their children from attending better schools.

This digital totalitarianism has been made possible not only with the help of Chinese private tech companies, but the complicity of Western governments and corporations eager to gain access to China's huge market.

We Have Been Harmonized is a terrifying portrait of life under unprecedented government surveillance—and a dire warning about what could happen anywhere under the pretense of national security.

STRATEGIC COMPETITION



World Order by Henry Kissinger

Henry Kissinger offers in *World Order* a deep meditation on the roots of international harmony and global disorder. Drawing on his experience as one of the foremost statesmen of the modern era of advising presidents, traveling the world, observing and shaping the central foreign policy events of recent decades.

Kissinger now reveals his analysis of the ultimate challenge for the twenty-first century: how to build a shared international order in a world of divergent historical perspectives, violent conflict, proliferating technology, and ideological extremism.

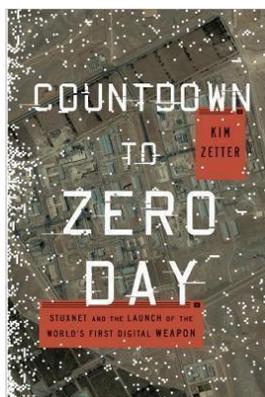
There has never been a true “world order,” Kissinger observes. For most of history, civilizations defined their own concepts of order. Each considered itself the center of the world and envisioned its distinct principles as universally relevant. China conceived of a global cultural

hierarchy with the Emperor at its pinnacle.

Kissinger offers a unique glimpse into the inner deliberations of the Nixon administration’s negotiations with Hanoi over the end of the Vietnam War, as well as Ronald Reagan’s tense debates with Soviet Premier Gorbachev in Reykjavík. He offers compelling insights into the future of U.S.–China relations and the evolution of the European Union and examines lessons of the conflicts in Iraq and Afghanistan. Taking readers from his analysis of nuclear negotiations with Iran through the West’s response to the Arab Spring and tensions with Russia over Ukraine, *World Order* anchors Kissinger’s historical analysis in the decisive events of our time.

Provocative and articulate, blending historical insight with geopolitical prognostication, *World Order* is a unique work that could come only from a lifelong policymaker and diplomat.

C5I



Countdown to Zero Day: Stuxnet and the Launch of the World's First Digital Weapon by Kim Zetter

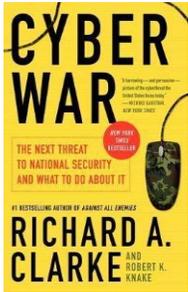
In January 2010, inspectors with the International Atomic Energy Agency noticed that centrifuges at a uranium enrichment plant in Iran were failing and being replaced at an unprecedented rate. The cause of their failure was a complete mystery. Five months later, a seemingly unrelated event occurred. A computer security firm in Belarus was called in to troubleshoot some computers in Iran that were caught in a reboot loop - crashing and rebooting repeatedly.

At first, technicians with the firm believed the malicious code they found on the machines was a simple, routine piece of malware. But as they and other experts around the world investigated, they discovered a virus of unparalleled complexity and mysterious provenance and intent. They had, they soon learned, stumbled upon the world’s first digital weapon.

Stuxnet, as it came to be known, was unlike any other virus or worm built before: It was the first attack that reached beyond the computers it targeted to physically destroy the equipment those computers controlled. It was an ingenious attack, jointly engineered by the United States and Israel, that worked exactly as planned, until the rebooting machines gave it all away.

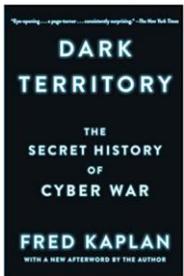
Zetter expands on this work to show how the code was designed and unleashed and how its use opened a Pandora’s Box, ushering in an age of digital warfare in which any country’s infrastructure - power grids, nuclear plants, oil pipelines, dams - is vulnerable to the same kind of attack with potentially devastating results. A sophisticated digital

strike on portions of the power grid, for example, could plunge half the U.S. into darkness for weeks or longer, having a domino effect on all other critical infrastructures dependent on electricity.



Cyber War: The Next Threat to National Security and What to Do About It by Richard A. Clarke
Author of the #1 New York Times bestseller *Against All Enemies*, former presidential advisor and counter-terrorism expert Richard A. Clarke sounds a timely and chilling warning about America's vulnerability in a terrifying new international conflict—*Cyber War*.

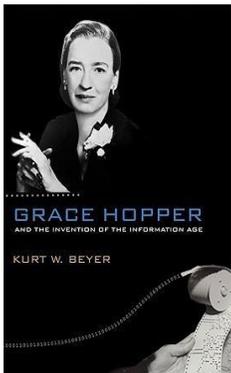
Every concerned American should read this startling and explosive book that offers an insider's view of White House 'Situation Room' operations and carries the reader to the frontlines of our cyber defense. *Cyber War* exposes a virulent threat to our nation's security. This is no X-Files fantasy or conspiracy theory madness—this is real.



Dark Territory: The Secret History of Cyber War by Fred Kaplan

Kaplan probes the inner corridors of the National Security Agency, the beyond-top-secret cyber units in the Pentagon, the "information warfare" squads of the military services, and the national security debates in the White House to tell this never-before-told story of the officers, policymakers, scientists, and spies who devised this new form of warfare and who have been planning - and, more often than people know, fighting - these wars for decades.

From the 1991 Gulf War to conflicts in Haiti, Serbia, Syria, the former Soviet republics, Iraq, and Iran, where cyber warfare played a significant role, *Dark Territory* chronicles, in fascinating detail, an unknown past that shines an unsettling light on our future.



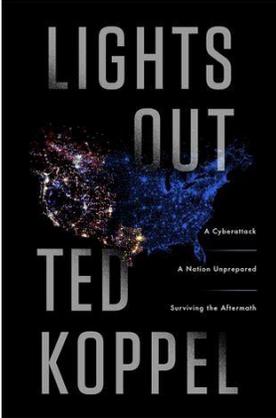
Grace Hopper and the Invention of the Information Age by Kurt W. Beyer

The career of computer visionary Grace Murray Hopper, whose innovative work in programming laid the foundations for the user-friendliness of today's personal computers that sparked the information age.

In *Grace Hopper and the Invention of the Information Age*, Kurt Beyer reveals a more authentic Hopper, a vibrant and complex woman whose career paralleled the meteoric trajectory of the postwar computer industry.

Both rebellious and collaborative, Hopper was influential in male-dominated military and business organizations at a time when women were encouraged to devote themselves to housework and childbearing.

Hopper's greatest technical achievement was to create the tools that would allow humans to communicate with computers in terms other than ones and zeroes. This advance influenced all future programming and software design and laid the foundation for the development of user-friendly personal computers.



Lights Out: A Cyberattack, A Nation Unprepared, Surviving the Aftermath by Ted Koppel
Imagine a blackout lasting not days, but weeks or months. Tens of millions of people over several states are affected. For those without access to a generator, there is no running water, no sewage, no refrigeration or light. Food and medical supplies are dwindling. Devices we rely on have gone dark. Banks no longer function, looting is widespread, and law and order are being tested as never before.

It isn't just a scenario. A well-designed attack on just one of the nation's three electric power grids could cripple much of our infrastructure - and in the age of cyberwarfare, a laptop has become the only necessary weapon. Several nations hostile to the U.S. could launch such an assault at any time. In fact, as a former chief scientist of the NSA reveals, China and Russia have already penetrated the grid. And a cybersecurity advisor to President Obama believes that independent actors - capability as well. "It's not a question of if," says CENTCOM

Commander General Lloyd Austin, "it's a question of when."



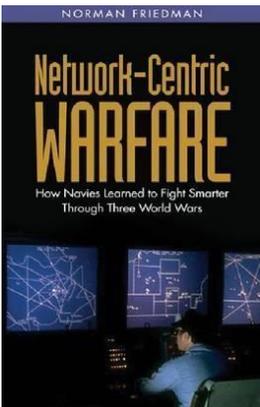
LikeWar: The Weaponization of Social Media by P.W. Singer, Emerson T. Brooking

Two defense experts explore the collision of war, politics, and social media, where the most important battles are now only a click away.

Through the weaponization of social media, the Internet is changing war and politics, just as war and politics are changing the Internet. Terrorists livestream their attacks, "Twitter wars" produce real world casualties, and viral misinformation alters not just the result of battles, but the very fate of nations. The result is that war, tech, and politics have blurred into a new kind of battlespace that plays out on our smartphones.

P.W. Singer and Emerson Brooking tackle the mind bending questions that arise when war goes online and the online world goes to war. They explore how ISIS copies the Instagram tactics of Taylor Swift, a former World of Warcraft addict foils war crimes thousands of miles away, Internet trolls shape elections, and China uses a smartphone app to police the thoughts of 1.4 billion citizens.

Delving into the web's darkest corners, we meet the unexpected warriors of social media, such as the rapper turned jihadist PR czar and the Russian hipsters who wage unceasing Infowars against the West. Finally, looking to the crucial years ahead, LikeWar outlines a radical new paradigm for understanding and defending against the unprecedented threats of our networked world.



Network-Centric Warfare: How Navies Learned to Fight Smarter Through Three World Wars by Norman Friedman

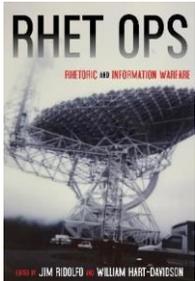
This book explains what network-centric warfare is, and how it works, using concrete historical naval examples rather than the usual abstractions. It argues that navies invented this style of warfare over the last century, led by the Royal Navy, and that the wars of that century, culminating in the Cold War, show how networked warfare worked - and did not work.

These wars also illustrate what net-on-net warfare means; most exponents of the new style of war assume that the United States will enjoy a monopoly on it. This account is important to all the services; it is naval because navies were the first to use network-centric approaches.

This approach is probably the only way a reader can get a realistic feeling for what the new style of war offers, and for what is needed to make it work.

CRYPTOLOGY

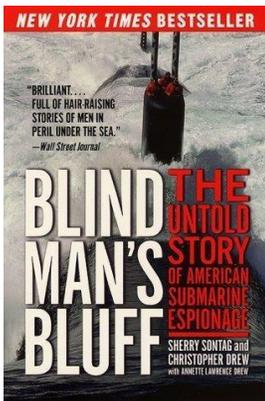
Although it concentrates on naval examples, this book is of vital importance to all the services. It is the first book about network-centric warfare to deal in concrete examples, and the first to use actual history to illuminate current operational concepts. It also offers considerable new light on the major naval battles of the World Wars, hence ought to be of intense interest to historians.



Rhet Ops: Rhetoric and Information Warfare by Jim Ridolfo, William Hart-Davidson

In this edited volume, authors seek to document and analyze how state and non-state actors leverage digital rhetoric as a twenty-first-century weapon of war.

Rhet Ops offer readers a chance to focus on the human dimension of rhetorical practice within mobile technologies and social networks: to reflect not only on the durable question of what it means to conduct oneself ethically as a speaker or writer, but also what it means to learn the art of rhetoric to engage adversaries in war and conflict.



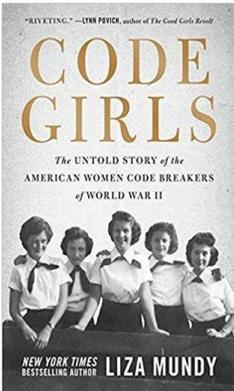
Blind Man's Bluff: The Untold Story of American Submarine Espionage by Sherry Sontag, Christopher Drew

No espionage missions have been kept more secret than those involving American submarines. *Blind Man's Bluff* shows for the first time how the navy sent submarines wired with self-destruct charges into the heart of Soviet seas to tap crucial underwater telephone cables. It unveils how the navy's own negligence might have been responsible for the loss of the USS Scorpion, a submarine that disappeared, all hands lost, 30 years ago.

It tells the complete story of the audacious attempt to steal a Soviet submarine with the help of eccentric billionaire Howard Hughes and how it was doomed from the start. And it reveals how the navy used the comforting notion of deep-sea rescue vehicles to hide operations that were more James Bond than Jacques Cousteau.

Blind Man's Bluff contains an unforgettable array of characters, including the cowboy sub commander who brazenly outraced torpedoes and couldn't resist sneaking up to within feet of unaware enemy subs. It takes us inside clandestine Washington meetings where top submarine captains briefed presidents and where the espionage war was planned one sub and one dangerous encounter at a time.

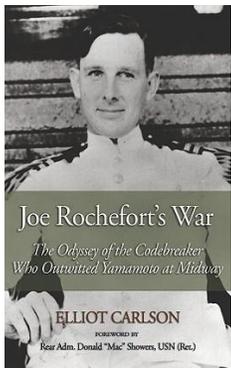
Stretching from the years immediately after World War II to the operations of the Clinton administration, it is an epic story of daring and deception. A magnificent achievement in investigative reporting, it feels like a spy thriller but with one important difference: Everything in it is true.



Code Girls: The Untold Story of the American Women Code Breakers Who Helped Win World War II by Liza Mundy

Code Girls is the astonishing, untold story of the young American women who cracked key Axis codes, helping to secure Allied victory and revolutionizing the field of cryptanalysis. Recruited by the U.S. Army and Navy from small towns and elite colleges, more than ten thousand women served as codebreakers during World War II.

While their brothers and boyfriends took up arms, these women moved to Washington and learned the meticulous work of codebreaking. Their efforts shortened the war, saved countless lives, and gave them access to careers previously denied to them. A strict vow of secrecy nearly erased their efforts from history; now, through dazzling research and interviews with surviving code girls, bestselling author Liza Mundy brings to life this riveting and vital story of American courage, service, and scientific accomplishment.



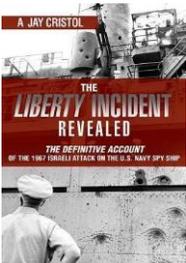
Joe Rochefort's War: The Codebreaker Who Outwitted Yamamoto at Midway by Elliot Carlson

This is the first biography of Capt. Joe Rochefort, the Officer in Charge of Station Hypo the U.S. Navy's decrypt unit at Pearl Harbor and his key role in breaking the Imperial Japanese Navy's main code before the Battle of Midway. It brings together the disparate threads of Rochefort's life and career, beginning with his enlistment in the Naval Reserve in 1918 at age 17. It chronicles his earliest days as a mustang, his fortuitous posting to Washington, where he headed the Navy's codebreaking desk at age 25, then, in another unexpected twist, found himself assigned to Tokyo to learn Japanese.

This biography records Rochefort's love hate relationship with cryptanalysis, his joyful exit from the field, his love of sea duty, his adventure filled years in the '30s as the right-hand man to the Commander in Chief, U.S. Fleet, and his reluctant return to codebreaking in mid-1941 when he

was ordered to head the Navy's decrypt unit at Pearl (Station Hypo). The book focuses on Rochefort's inspiring leadership of Hypo, recording first his frustrating months in late 1941 searching for Yamamoto's fleet, and his efforts against the Japanese attack at Pearl Harbor.

Ultimately, this book is aimed at bringing Joe Rochefort to life as the irreverent, fiercely independent, and consequential officer that he was. It assumes his career can't be understood without looking at his entire life. It seeks to capture the interplay of policy and personality, and the role played by politics and personal rifts at the highest levels of Navy power during a time of national crisis.

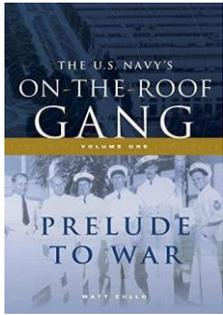


The Liberty Incident Revealed: The Definitive Account of the 1967 Israeli Attack on the U.S. Navy Spy Ship by A. Jay Cristol

The Liberty Incident Revealed is the complete and final story about the Israeli Air Force and Navy attack on the USS Liberty during the Six Day War in June 1967. Cutting through the controversy and conspiracy theories about Israel's deadly attack, Cristol revises his well-regarded book about the event with an expanded and in-depth analysis of all the sources, including the released tapes of the National Security Agency (NSA) intercepts. Documenting his findings, Cristol establishes definitively that the

Israeli attack was a tragic mistake and presents a convincing argument that will be regarded as the final chapter in the long-simmering debate about this incident.

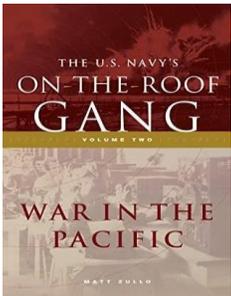
CRYPTOLOGY



The U.S. Navy's On the Roof Gang: Prelude to War by Matt Zullo

A historical novel based on the unknown true-life story of the "On-The-Roof Gang," the U.S. Navy's fledgling radio intelligence organization in the years leading up to World War II. It is based on the real life of Harry Kidder, a U.S. Navy radioman who first discovered and deciphered Japanese katakana telegraphic code while stationed in the Philippines in the 1920s, discovering that he was listening to Imperial Japanese Navy (IJN) radio communications. Kidder strongly believed in the future of radio intelligence and a chance meeting with Lieutenant Laurence Safford led to the birth of the Navy's Radio Intelligence community. Kidder taught others the nascent art of intercepting IJN communications on the roof of the Main Navy Building in Washington, DC.

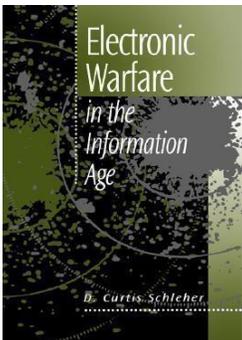
From 1928 to 1941, 176 Sailors and Marines attended this training and were then stationed as radio intercept operators around the Pacific. These men would become known as the On-The-Roof Gang and were charged with keeping track of the IJN as they prepared for war with the United States. The circumstances of America's entry into World War II hinged on success or failure of the On-The-Roof Gang, and Harry Kidder knew this.



The U.S. Navy's On the Roof Gang: War in the Pacific by Matt Zullo

On the Roof Gang: War in the Pacific begins on December 7, 1941. It focuses on the wartime stories of the On the Roof Gang intercept operators, some who were stationed in Hawaii, some who served a torturous existence in a POW camp, others who had to evacuate their intercept sites, and still others who performed intercept operations while at sea during some of the most famous naval battles of World War II.

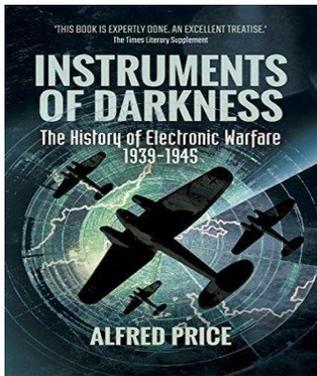
ELECTRONIC WARFARE



Electronic Warfare in the Information Age by D. Curtis Schleher

This is an advanced practitioner's guide to current concepts and threats associated with modern electronic warfare (EW). It identifies and explains the newest radar communications threats, and provides practical, how-to information on designing and implementing ECM and ECCM systems. The aim of the text is to help the reader develop ESM systems designed specifically to exploit the vulnerabilities of modern radar. It also identifies and evaluates ESM receiving equipment, and outlines advanced ECM methods, including monopulse deception, coherent radar jamming, and high-ERP generation. Other sections cover modern ECCM countermeasure techniques, the impact of new stealth technology on ESM and ECM requirements, and jammer upgrading procedures.

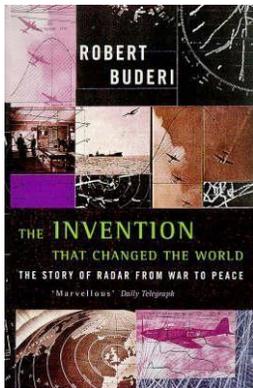
ELECTRONIC WARFARE



Instruments of Darkness: The History of Electronic Warfare, 1939–1945 by Alfred Price
The rapid evolution of radio and radar systems for military use during World War II, and devices to counter them, led to a technological battle that neither the Axis nor the Allied powers could afford to lose. The result was a continual series of thrusts, parries, and counterthrusts, as first one side then the other sought to wrest the initiative in the struggle to control the ether.

This was a battle fought with strange-sounding weapons: Freya, Mandrel, Boozer, and Window and characterized by the bravery, self-sacrifice, and skill of those who took part in it. During the war, however, and for many years after, electronic-warfare systems and their employment during the conflict remained closely guarded military secrets.

When that veil of secrecy was finally lifted, the technicalities of the subject helped ensure that it remained beyond the reach of many lay researchers and readers. Long regarded as a standard reference work, *Instruments of Darkness* has been expanded and completely revised.

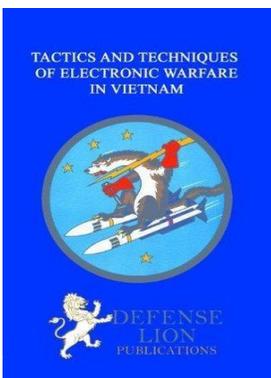


The Invention That Changed the World: The Story of Radar from War to Peace by Robert Buderi

In 1940, a team of British scientists arrived in Washington bearing Britain's most closely guarded technological secrets - including the cavity magnetron, a revolutionary new source of microwave energy. Its arrival triggered the most dramatic mobilization of science in history, as America's top scientists enlisted to convert the invention into a potent military weapon. Microwave radars eventually helped destroy Japanese warships and Nazi buzz bombs and enabled Allied bombers to see through cloud cover.

After the war, the work of the radar veterans continues to affect our lives - controlling air traffic, forecasting the weather, and providing physicians with powerful diagnostic tools. With anecdotes and revelations, this work explores the work of the scientists who created a winning

weapon and changed the world forever.

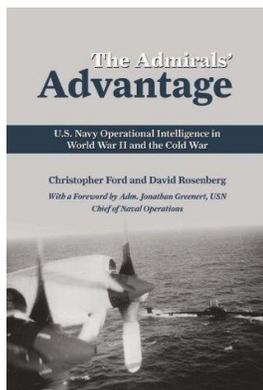


Tactics Techniques of Electronic Warfare - Electronic Countermeasures in the Air War Against North Vietnam, 1965-1973 by Bernard C. Nalty, Stuart Slade

The air campaign mounted against North Vietnam between 1965 and 1972 was the first time that an integrated air defense system based around radar-controlled guns and surface-to-air missiles had been encountered. Proponents of surface-to-air missiles had claimed that their lethality would drive manned aircraft from the battlefield. That claim was about to be tested. Despite an on-going program of research and development, the U.S. Air Force was hard pressed to neutralize North Vietnam's radar-controlled defenses but did prevail and successfully delivered punishing blows during Operation Linebacker II in December 1972.

Electronic countermeasures support for the air war against North Vietnam included stand-off jamming, Wild Weasel operations, the use of self-protection pods, and the employment of

chaff. Using all these techniques, Linebacker II saw the B-52s of Strategic Air Command facing the most effective air defense system the Soviet Union could provide. The B-52s won; the much-heralded surface-to-air missiles were scoring a lower kill rate than German defenses in World War Two stealth technology on ESM and ECM requirements, and jammer upgrading procedures.



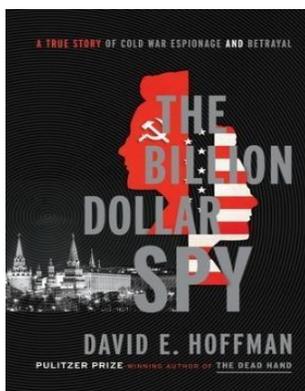
The Admirals' Advantage: U.S. Navy Operational Intelligence in World War II and the Cold War

by Christopher Ford

This analytic and historical study provides a revealing look at naval operational intelligence by embracing the fundamental question of what Operational Intelligence (OPINTEL) is and how it answers the fundamental question "Where is the enemy, in what strength, and disposition, and what is he doing right now?"

It is primarily the result of an OPINTEL Lessons-Learned Symposium held at the National Maritime Intelligence Training Center in Dam Neck, Virginia, 12-13 September 1998. The participants included senior intelligence professionals whose mandate was to explore the ramifications of the evolution of naval operational intelligence since World War II.

Current practices were also explored with inputs from current practitioners as represented by various fleet and shore commands. Additional sources for the study were oral interviews and correspondence with senior members of the intelligence community. The authors have scrupulously taken the work as close to the edge of security classification as is possible to enhance its value without being damaging to national security.



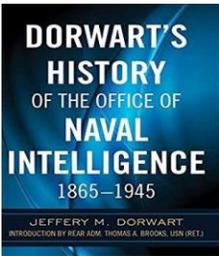
The Billion Dollar Spy: A True Story of Cold War Espionage and Betrayal by David E. Hoffman

While driving out of the American embassy in Moscow on the evening of February 16, 1978, the chief of the CIA's Moscow station heard a knock on his car window. A man on the curb handed him an envelope whose contents stunned U.S. intelligence: details of top-secret Soviet research and developments in military technology that were totally unknown to the United States. In the years that followed, the man, Adolf Tolkachev, an engineer in a Soviet military design bureau, used his high-level access to hand over tens of thousands of pages of technical secrets. His revelations allowed America to reshape its weapons systems to defeat Soviet radar on the ground and in the air, giving the United States near total superiority in the skies over Europe.

One of the most valuable spies to work for the United States in the four decades of global confrontation with the Soviet Union, Tolkachev took enormous personal risks - but so did the Americans. The CIA had long struggled to recruit and run agents in Moscow, and Tolkachev was a singular breakthrough. Using spy cameras and secret codes as well as face-to-face meetings in parks and on street corners, Tolkachev and his handlers succeeded for years in eluding the feared KGB in its own backyard, until the day came when a shocking betrayal put them all at risk.

Drawing on previously secret documents obtained from the CIA and on interviews with participants, David Hoffman has created an unprecedented portrait of Tolkachev, a man motivated by the depredations of the Soviet state to master the craft of spying against his own country. Stirring, unpredictable, and at times unbearably tense, *The Billion Dollar Spy* is a brilliant feat of reporting that unfolds like an espionage thriller.

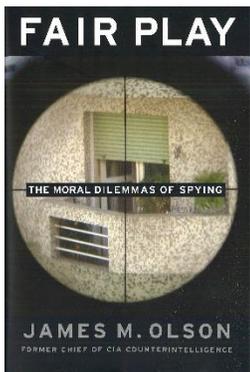
INTELLIGENCE



Dorwart's History of the Office of Naval Intelligence, 1865–1945 by Jeffery M. Dorwart

This is the history of the founding in 1882 and operation through two world wars of America's first permanent intelligence agency, the Office of Naval Intelligence (ONI). In this study Dr. Jeffery M. Dorwart shows how and why a tiny late 19th century U.S. Navy bureau created to collect information about foreign warship design became during two world wars a complex and sometimes troubled domestic and worldwide intelligence agency.

More significantly, this history of ONI demonstrates how the founders and first generations of U.S. naval officers trained to man warships at sea confronted what seemed an inherent dilemma in new missions that interfered with providing technical and operational information to their navy. Dorwart explains the forces that created this dilemma and how ONI officers responded in different ways to their intelligence mission.



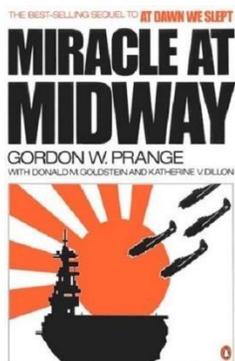
Fairplay: The Moral Dilemmas of Spying by James M. Olson

Revolutionary War officer Nathan Hale, one of America's first spies, said, "Any kind of service necessary to the public good becomes honorable by being necessary." A statue of Hale stands outside CIA headquarters, and the agency often cites his statement as one of its guiding principles. But who decides what is necessary for the public good, and is it true that any kind of service is permissible for the public good?

These questions are at the heart of James M. Olson's book, *Fair Play: The Moral Dilemmas of Spying*. Olson, a veteran of the CIA's clandestine service, takes listeners inside the real world of intelligence to describe the difficult dilemmas that field officers face on an almost daily basis. Far from being a dry theoretical treatise, this fascinating book uses actual intelligence operations to

illustrate how murky their moral choices can be. Listeners will be surprised to learn that the CIA provides very little guidance on what is, or is not, permissible.

Rather than empowering field officers, the author has found that this lack of guidelines hampers operations. Olson believes that US intelligence officers need clearer moral guidelines to make correct, quick decisions.

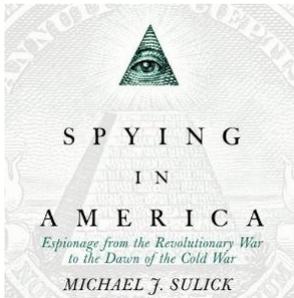


Miracle at Midway by Gordon W. Prange, Donald M. Goldstein, Katherine V. Dillon

Here is the definitive history of the battle of Midway, an American victory that marked the turning point of the war in the Pacific during World War II. Told with the same stylistic flair and attention to detail as the bestselling *At Dawn We Slept*, *Miracle at Midway* brings together eyewitness accounts from the men who commanded and fought on both sides.

The sweeping narrative takes readers into the thick of the action and shows exactly how American strategies and decisions led to the triumphant victory that paved the way for the defeat of Japan.

INTELLIGENCE



Spying in America: Espionage from the Revolutionary War to the Dawn of the Cold War by Michael Sulick

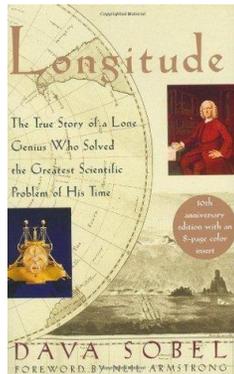
Can you keep a secret? Maybe you can, but the United States government cannot. Since the birth of our country, nations large and small, from Russia and China to Ghana and Ecuador, have stolen the most precious secrets of the U.S.

Written by Michael Sulick, former director of CIA's clandestine service, *Spying in America* presents a history of more than 30 espionage cases inside the U.S. These cases include Americans who spied against their country, spies from both the Union and Confederacy

during the Civil War, and foreign agents who ran operations on American soil.

Some of the stories are familiar, such as those of Benedict Arnold and Julius Rosenberg, while others, though less well known, are equally fascinating. *Spying in America* serves as the perfect introduction to the early history of espionage in America.

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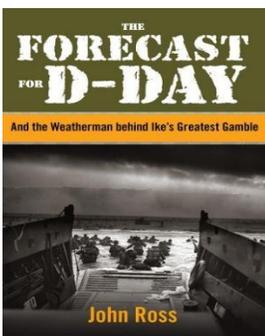


Longitude: The True Story of a Lone Genius Who Solved the Greatest Scientific Problem of His Time by Dava Sobel,

Anyone alive in the eighteenth century would have known that "the longitude problem" was the thorniest scientific dilemma of the day and had been for centuries. Lacking the ability to measure their longitude, sailors throughout the great ages of exploration had been literally lost at sea as soon as they lost sight of land. Thousands of lives, and the increasing fortunes of nations, hung on a resolution.

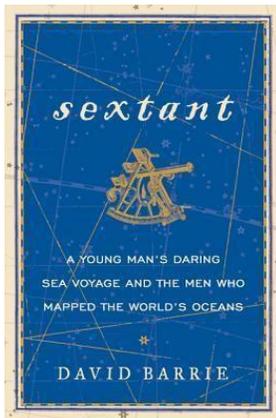
The scientific establishment of Europe - from Galileo to Sir Issac Newton - had mapped the heavens in both hemispheres in its certain pursuit of a celestial answer. In stark contrast, one man, John Harrison, dared to imagine a mechanical solution - a clock that would keep precise time at sea, something no clock had ever been able to do on land.

Longitude is a dramatic human story of an epic scientific quest and Harrison's forty-year obsession with building his perfect timekeeper, known today as the chronometer. Full of heroism and chicanery, it is also a fascinating brief history of astronomy, navigation, and clock-making, and opens a new window on our world.



The Forecast for D-Day and the Weatherman Behind Ike's Greatest Gamble by John Ross

The weather story of D-Day in which the invasion's success hinged on the correct gauge of the weather for the crossing of the British Channel; the story of the man Eisenhower trusted with choosing the best day to invade, despite contrary opinions from more senior weather experts. The story of the Supreme Headquarters for the Allied Expeditionary Force's chief meteorologist on whom Eisenhower relied, yet who was not a meteorologist at all, but a geophysicist whose specialty was the earth's magnetic field and whose appointment to the post was roundly criticized by both British and American weathermen. A completely un-forecast gale would have caused the invasion to fail.



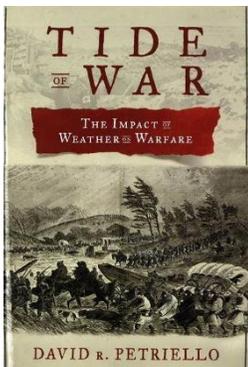
Sextant: The Elegant Instrument That Guided the Great Explorers, and a Young Man's First Journey Across the Atlantic by David Barrie

In the tradition of Dava Sobel's *Longitude* comes sailing expert David Barrie's compelling and dramatic tale of invention and discovery—an eloquent elegy to one of the most important navigational instruments ever created, and to the daring mariners who used it to explore, conquer, and map the world.

Barrie takes readers straight to the helm of some of history's most important expeditions, interweaving these heroic tales with the account of his own transatlantic passage as a young man. Among the many inspiring stories are those of the legendary Captain Cook and the great French navigator Jean-François de Galaup, comte de La Pérouse, whose disappearance has long remained a mystery. Other intrepid navigators include George Vancouver, the indefatigable surveyor of the American northwest; Matthew Flinders, the first to

circumnavigate Australia; and Captain Robert FitzRoy of the *Beagle*. And, along with Joshua Slocum's single-handed yacht voyage around the world, we are told of two almost unbelievable open-boat voyages, undertaken in desperate circumstances by Captain William Bligh and Sir Ernest Shackleton.

A mix of adventure, science, mathematics, and derring-do, *Sextant* is infused with a sense of wonder and discovery. At once a dramatic history of maritime endeavor and a love letter to the sea and sky, it is timeless storytelling at its best.

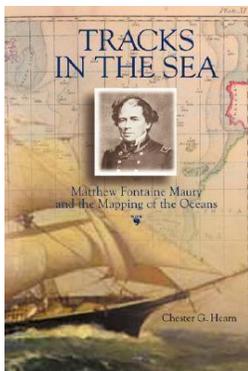


Tide of War: The Impact of Weather on Warfare by David R. Petriello

Halley's Comet helped to announce the fall of the Shang Dynasty in China, a solar eclipse frightened the Macedonian army enough at Pydna in 168 BC to ensure victory for the Romans, a massive rain storm turned the field of Agincourt to mud in 1415 and gave Henry V his legendary victory, fog secured the throne of England for Edward IV at Barnet in 1471, wind and disease conspired to wreck the Spanish Armada, snow served to prevent the American capture of Quebec in 1775 and confined the Revolution to the Thirteen Colonies, and an earthquake helped to spark the Peloponnesian War.

But this is only a small sampling of the many instances where nature has tipped the balance in combat. Over the past 4000 years, weather and nature have both hindered and helped various campaigns and battles, occasionally even altering the course of history in the process.

Today elements of nature still affect the planning and waging of war, even as we have tried to mitigate its impact. The growing concern over climate change has only heightened the need to study and understand this subject.



Tracks in the Sea by Chester G. Hearn

A great story of discovery and adventure in the tradition of *Longitude* Maritime navigation remained largely a matter of guesswork until well into the 19th century, and making a voyage meant following a series of all-too-often disastrous hunches.

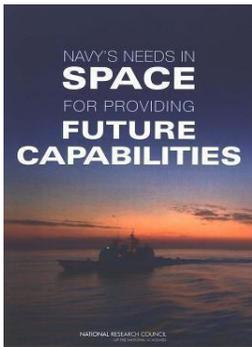
Changing that became the lifelong obsession of the brilliant, irascible geographer Matthew Fontaine Maury, whose career both aided and mirrored America's rise as a maritime power. With his controversial appointment as the first superintendent of the U.S. Naval Observatory in 1840, he at last found his life's work. While others built railroads across the trackless interior, Maury mapped the highways of wind and current over the previously trackless sea.

In *Tracks in the Sea*, Chester G. Hearn uses Maury's career as a window on the 19th century, including the brief but glorious clipper-ship era of the 1850s, the rise of steam and steel, the Civil War and the

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destruction of the U.S. merchant fleet, and the points of intersection with some of the most colorful and influential people of the time, including presidents, congressmen, military leaders, scientists, explorers, merchants, and writers.

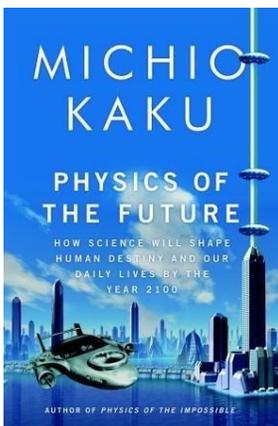
SPACE



Navy's Needs in Space for Providing Future Capabilities by Committee on the Navy's Needs in Space for Providing Future Capabilities

The U.S. must operate successfully in space to help assure its security and economic wellbeing. The Department of the Navy is a major user of space capabilities, although those capabilities are now primarily provided by DOD, the Air Force, and NOAA. Following a DOD assessment of national space security management in 2001, the Navy commissioned a Panel to Review Space to assess Navy space policy and strategy.

As an extension of that review, the NRC was requested by the Navy to examine its needs in space for providing future operational and technical capabilities. This report presents a discussion of the strategic framework of future space needs, the roles and responsibilities for meeting those needs, an assessment of Navy support to space mission areas, and a proposed vision for fulfilling Naval forces space needs.



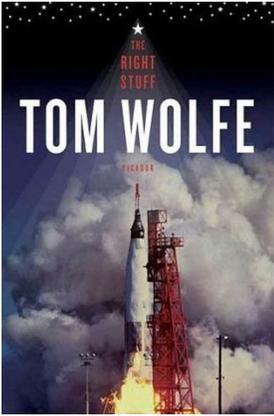
Physics of the Future: How Science Will Shape Human Destiny and Our Daily Lives by the Year 2100 by Michio Kaku

Imagine, if you can, the world in the year 2100. In *Physics of the Future*, Michio Kaku— the New York Times bestselling author of *Physics of the Impossible* gives us a stunning, provocative, and exhilarating vision of the coming century based on interviews with over three hundred of the world's top scientists who are already inventing the future in their labs. The result is the most authoritative and scientifically accurate description of the revolutionary developments taking place in medicine, computers, artificial intelligence, nanotechnology, energy production, and astronautics.

By 2100 we will control computers via tiny brain sensors and, like magicians, move objects around with the power of our minds. Artificial intelligence will be dispersed throughout the environment, and Internet-enabled contact lenses will allow us to access the world's information base or conjure up any image we desire in the blink of an eye. Meanwhile, cars will drive themselves using GPS, and if room-temperature superconductors are discovered, vehicles will effortlessly fly on a cushion of air, coasting on powerful magnetic fields and ushering in the age of magnetism.

Kaku also discusses emotional robots, antimatter rockets, X-ray vision, and the ability to create new life-forms, and he considers the development of the world economy. He addresses the key questions: Who are the winner and losers of the future? Who will have jobs, and which nations will prosper?

Synthesizing a vast amount of information to construct an exciting look at the years leading up to 2100, *Physics of the Future* is a thrilling, wondrous ride through the next 100 years of breathtaking scientific revolution.



The Right Stuff by Tom Wolfe

Tom Wolfe began *The Right Stuff* at a time when it was unfashionable to contemplate American heroism. Nixon had left the White House in disgrace, the nation was reeling from the catastrophe of Vietnam, and in 1979 - the year the book appeared - Americans were being held hostage by Iranian militants.

Yet it was exactly the anachronistic courage of his subjects that captivated Wolfe. In his foreword, he notes that as late as 1970, almost one in four career Navy pilots died in accidents. "The Right Stuff," he explains, "became a story of why men were willing - willing? delighted! - to take on such odds in this, an era literary people had long since characterized as the age of the anti-hero."

Wolfe tells his story from a limited omniscient perspective, dropping into the lives of his "characters" as each in turn becomes a major player in the space program. After an opening chapter on the terror of being a test pilot's wife, the story cuts back to the late 1940s, when Americans were first attempting to break the sound barrier. Test pilots, we discover, are people who live fast lives with dangerous machines, not all of them airborne.

Chuck Yeager was certainly among the fastest, and his determination to push through Mach 1--a feat that some had predicted would cause the destruction of any aircraft--makes him the book's guiding spirit.

Yet soon the focus shifts to the seven initial astronauts. Wolfe traces Alan Shepard's suborbital flight and Gus Grissom's embarrassing panic on the high seas. The author also produces an admiring portrait of John Glenn's apple-pie heroism and selfless dedication.

By the time Wolfe concludes with a return to Yeager and his late-career exploits, the narrative's epic proportions and literary merits are secure. Certainly, *The Right Stuff* is the best, the funniest, and the most vivid book ever written about America's manned space program.



Space Warfare: Strategy, Principles and Policy by John J. Klein

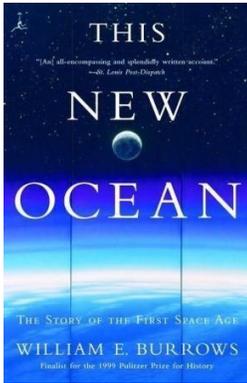
This new study considers military space strategy within the context of the land and naval strategies of the past. Explaining why and how strategists note the similarities of space operations to those of the air and naval forces, this book shows why many such strategies unintentionally lead to overemphasizing the importance of space-based offensive weaponry and technology.

Counter to most U.S. Air Force doctrines, the book argues that space-based weapons don't imbue superiority. It examines why both air and naval strategic frameworks fail to adequately capture the scope of real-world issues regarding current space operations. Yet by expanding a naval strategic framework to include maritime activities - which includes the interaction of land and sea--the breadth of issues and concerns regarding space activities and operations can be fully encompassed.

Commander John Klein, U.S. Navy, uses Sir Julian Corbett's maritime strategy as a strategic springboard, while observing the salient lessons of other strategists--including Sun Tzu, Clausewitz, Jomini, and Mao Tse-tung--to show how a space strategy and associated principles of space warfare can be derived to predict concerns, develop ideas, and suggest policy not currently recognized.

This book will be of great interest to all students and scholars of military and strategic studies and to those with an interest in space strategy in particular.

SPACE



This New Ocean: The Story of the First Space Age by William E. Burrows

This New Ocean is based on 175 interviews with Russian and American scientists and engineers; on archival documents, including formerly top-secret National Intelligence Estimates and spy satellite pictures; and on nearly three decades of reporting.

The impressive result is this fascinating story--the first comprehensive account--of the space age. Here are the strategists and war planners; engineers and scientists; politicians and industrialists; astronauts and cosmonauts; science fiction writers and journalists; and plain, ordinary, unabashed dreamers who wanted to transcend gravity's shackles for the ultimate ride.

The story is written from the perspective of a witness who was present at the beginning and who has seen the conclusion of the first space age and the start of the second.

