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KEY=Y - MALIK JAXSON

Y: The Last Man, Vol. 1: Unmanned

DC "Funny and scary...an utterly believable critique of society. A+"—THE WASHINGTON POST"The best graphic novel I've ever read."—STEPHEN KING"This year's best movie is a comic book."—ALL THINGS CONSIDERED, NATIONAL PUBLIC RADIO"A seriously funny, nuanced fable...Grade A."—ENTERTAINMENT WEEKLY Y: THE LAST MAN, winner of three Eisner Awards and one of the most critically acclaimed, best-selling comic books series of the last decade, is that rare example of a page-turner that is at once humorous, socially relevant and endlessly surprising. Written by Brian K. Vaughan (Lost, PRIDE OF BAGHDAD, EX MACHINA) and with art by Pia Guerra, this is the saga of Yorick Brown—the only human survivor of a planet-wide plague that instantly kills every mammal possessing a Y chromosome. Accompanied by a mysterious government agent, a brilliant young geneticist and his pet monkey, Ampersand, Yorick travels the world in search of his lost love and the answer to why he's the last man on earth. Collecting issues #1-5.

UAV-Based Remote Sensing Volume 1

MDPI This book is a printed edition of the Special Issue "UAV-Based Remote Sensing" that was published in Sensors

Model-driven Development for Embedded Software

Application to Communications for Drone Swarm

Elsevier Model-driven Development for Embedded Software: Application to Communications for Drone Swarm describes the principles of model-oriented design used in the aeronautical field, specifically for the UAV (Unmanned Aerial Vehicle). The book focuses on designing an embedded system for drones to carry out ad hoc communication within a drone fleet. In this context, an original methodology for rapid prototyping of embedded systems is presented. This approach saves time for the verification and formal validation phases, contributing to certification of the Unmanned Aerial System (UAS). The book also addresses the more traditional verification phases that must be performed to verify accuracy of the system. This evaluation is carried out in simulation and by real experimentation. The various tools necessary for the implementation of this methodology are described to allow the reader to be able to implement independently. Finally, to illustrate the contribution of this original methodology, an example of embedded system development is presented in which the different phases of the methodology are explained to conceive, validate and test a new secure routing protocol developed for communications within a fleet of drones. Describes the principles of model-oriented design used in the aeronautical field Presents an original methodology of rapid prototyping of embedded systems Presents a mode of development for embedded systems in the different phases

180 Masterpieces of World Literature (Vol.1)

Leaves of Grass, Siddhartha, Middlemarch, The Jungle, Macbeth, Moby-Dick, A Study in Scarlet...

e-artnow Invest your time in reading the true masterpieces of world literature, the great works of the greatest masters of their craft, the revolutionary works, the timeless classics and the eternally moving poetry of words and storylines every person should experience in their lifetime: Leaves of Grass (Walt Whitman) Siddhartha (Herman Hesse) Middlemarch (George Eliot) The Madman (Kahlil Gibran) Ward No. 6 (Anton Chekhov) Moby-Dick (Herman Melville) The Picture of Dorian Gray (Oscar Wilde) Crime and Punishment (Dostoevsky) The Overcoat (Gogol) Ulysses (James Joyce) Walden (Henry David Thoreau) Hamlet (Shakespeare) Romeo and Juliet (Shakespeare) Macbeth (Shakespeare) The Waste Land (T. S. Eliot) Odes (John Keats) The Flowers of Evil (Charles Baudelaire) Pride and Prejudice (Jane Austen) Jane Eyre (Charlotte Brontë) Wuthering Heights (Emily Brontë) Anna Karenina (Leo Tolstoy) Vanity Fair (Thackeray) Swann's Way (Marcel Proust) Sons and Lovers (D. H. Lawrence) Great Expectations (Charles Dickens) Little Women (Louisa May Alcott) Jude the Obscure (Thomas Hardy) Two Years in the Forbidden City (Princess Der Ling) Les Misérables (Victor Hugo) The Count of Monte Cristo (Alexandre Dumas) Pepita Jimenez (Juan Valera) The Red Badge of Courage (Stephen Crane) A Room with a View (E. M. Forster) Sister Carrie (Theodore Dreiser) The Jungle (Upton Sinclair) The Republic (Plato) Meditations (Marcus Aurelius) Art of War (Sun Tzu) Candide (Voltaire) Don Quixote (Cervantes) Decameron (Boccaccio) Narrative of the Life of Frederick Douglass Dream Psychology (Sigmund Freud) The Einstein Theory of Relativity The Mysterious Affair at Styles (Agatha Christie) A Study in Scarlet (Arthur Conan Doyle) Heart of Darkness (Joseph Conrad) The Call of Cthulhu (H. P. Lovecraft) Frankenstein (Mary Shelley) The War of the Worlds (H. G. Wells) The Raven (Edgar Allan Poe) The Wonderful Wizard of Oz The Adventures of Huckleberry Finn The Call of the Wild Alice in Wonderland The Fairytales of Brothers Grimm The Fairytales of Hans Christian Andersen

180 Masterpieces You Should Read Before You Die (Vol.1)

Leaves of Grass, Siddhartha, Middlemarch, The Jungle, Macbeth, Moby-Dick, A Study in Scarlet, The Call of the Wild, Huckleberry Finn,, The Way We Live Now, Sister Carrie...

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Marlowe Kana (Book 1 Volume 3)

*Joe Peacock "Dude! I blew through Volume 1 on the plane to Omaha! So good! I'm so hooked!"-- Matt Chapman, Co-Creator, Homestar Runner "If William Gibson had any literary heirs -- the family tree would include Warren Ellis, Jonathan Hickman, and now... Joe Peacock, a powerful youngster in a genre that could use a jolt to the system. Peacock writes with expediency and para-military precision. His characters don't just leap off of the page -- they strap on jetpacks -- and blast out of it. If you are into Black Mirror, Bruce Sterling, or the cyberpunk genre, this IS the book you need to have in your life."-- David Gallaher, Vampire: The Masquerade, Green Lantern, Incredible Hulk, Iron Man "If Ghost in the Shell and Neal Stephenson's novels are things that catch your interest, you owe it to yourself to check out cyberpunk expert Joe Peacock's first scifi novel."-- Olliver Kirby, Funimation **** Volume 3 picks up immediately after the events of Volume 2 and Volume 1, and completes Book 1 (spoilers ahead): Marlowe, Jen, and Poet find the mysterious owner of the MKFan_9999 Feed and are on their way to obtain evidence clearing Marlowe's name, when they are confronted by the entire MII Sec force of the city of Atlanta! An epic battle rages and the citizens are more engaged than ever. Meanwhile, the holes in President Cook's plan are showing; his grasp on the Marlowe situation quickly loosening to the point of desperation. With no other options, he openly challenges Marlowe to compete one last time on United America's Next Top Soldier. The prize: freedom for herself, her team, and her father. It's a UANTS finale unlike any other in history! The final moments bring about a new set of challenges no one in the country has ever seen before -- not just for Marlowe and her team, but for the entire nation. It's the finale to Marlowe Kana Book 1, and it's the best volume yet! This eBook contains Book 1, Volume 3 (chapters 19-30, completing Book 1) for easy reading in your reading platform of choice. Read new*

chapters of the Marlowe Kana series for free at the website -- a new chapter is published every Monday!

Over 40 Publications / Studies Combined: UAS / UAV / Drone Swarm Technology Research

Jeffrey Frank Jones

The Ultimate Book Club: 180 Books You Should Read (Vol.1)

Leaves of Grass, Siddhartha, Middlemarch, The Jungle, Macbeth, Moby-Dick, A Study in Scarlet...

e-artnow This summer, during these strange strange times, immerse yourself in words that have touched all of us and will always get to the core of all of us, of every single person. Books that have made us think, change, relate, cry and laugh: Leaves of Grass (Walt Whitman) Siddhartha (Herman Hesse) Middlemarch (George Eliot) The Madman (Kahlil Gibran) Ward No. 6 (Anton Chekhov) Moby-Dick (Herman Melville) The Picture of Dorian Gray (Oscar Wilde) Crime and Punishment (Dostoevsky) The Overcoat (Gogol) Ulysses (James Joyce) Walden (Henry David Thoreau) Hamlet (Shakespeare) Romeo and Juliet (Shakespeare) Macbeth (Shakespeare) The Waste Land (T. S. Eliot) Odes (John Keats) The Flowers of Evil (Charles Baudelaire) Pride and Prejudice (Jane Austen) Jane Eyre (Charlotte Brontë) Wuthering Heights (Emily Brontë) Anna Karenina (Leo Tolstoy) Vanity Fair (Thackeray) Swann's Way (Marcel Proust) Sons and Lovers (D. H. Lawrence) Great Expectations (Charles Dickens) Little Women (Louisa May Alcott) Jude the Obscure (Thomas Hardy) Two Years in the Forbidden City (Princess Der Ling) Les Misérables (Victor Hugo) The Count of Monte Cristo (Alexandre Dumas) Pepita Jimenez (Juan Valera) The Red Badge of Courage (Stephen Crane) A Room with a View (E. M. Forster) Sister Carrie (Theodore Dreiser) The Jungle (Upton Sinclair) The Republic (Plato) Meditations (Marcus Aurelius) Art of War (Sun Tzu) Candide (Voltaire) Don Quixote (Cervantes) Decameron (Boccaccio) Narrative of the Life of Frederick Douglass Dream Psychology (Sigmund Freud) The Einstein Theory of Relativity The Mysterious Affair at Styles (Agatha Christie) A Study in Scarlet (Arthur Conan Doyle) Heart of Darkness (Joseph Conrad) The Call of Cthulhu (H. P. Lovecraft) Frankenstein (Mary Shelley) The War of the Worlds (H. G. Wells) The Raven (Edgar Allan Poe) The Wonderful Wizard of Oz The Adventures of Huckleberry Finn The Call of the Wild Alice in Wonderland The Fairytales of Brothers Grimm The Fairytales of Hans Christian Andersen

90 Masterpieces You Must Read (Vol.1)

Novels, Poetry, Plays, Short Stories, Essays, Psychology & Philosophy: The Madman, Moby-Dick, Siddhartha, Crime and Punishment, Hamlet, Great Expectations, Little Women, Meditations, The Einstein Theory, Heart of Darkness, The Red Badge of Courage

e-artnow Invest your time in reading the true masterpieces of world literature, the greatest works by the masters of their craft, the revolutionary works, the timeless classics and the eternally moving storylines every person should experience in their lifetime: Leaves of Grass (Walt Whitman) Siddhartha (Herman Hesse) Middlemarch (George Eliot) The Madman: His Parables and Poems (Kahlil Gibran) Ward No. 6 (Anton Chekhov) Moby-Dick (Herman Melville) The Picture of Dorian Gray (Oscar Wilde) Crime and Punishment (Fyodor Dostoevsky) The Overcoat (Gogol) Ulysses (James Joyce) Walden (Henry David Thoreau) Hamlet (Shakespeare) Romeo and Juliet (Shakespeare) Macbeth (Shakespeare) The Waste Land (T. S. Eliot) Odes (John Keats) The Flowers of Evil (Charles Baudelaire) Ivanhoe (Sir Walter Scott) Robinson Crusoe (Daniel Defoe) Little Women (Louisa May Alcott) Pride and Prejudice (Jane Austen) Emma (Jane Austen) Jane Eyre (Charlotte Brontë) Wuthering Heights (Emily Brontë) Lorna Doone (R.D. Blackmore) The Lady of the Camellias (Alexandre Dumas) Anna Karenina (Leo Tolstoy) Vanity Fair (Thackeray) Dangerous Liaisons (De Laclès) The Mill on the Floss (George Eliot) Dona Perfecta (Benito Pérez Galdós) Swann's Way (Marcel Proust) Sons and Lovers (D. H. Lawrence) David Copperfield (Charles Dickens) Great Expectations (Charles Dickens) Jude the Obscure (Thomas Hardy) The Wings of the Dove (Henry James) The History of a Scoundrel or Bel-Ami (Guy de Maupassant) Two Years in the Forbidden City (Princess Der Ling) Les Misérables (Victor Hugo) The Count of Monte Cristo (Alexandre Dumas) Pepita Jimenez (Juan Valera) The Way We Live Now (Anthony Trollope) The Red Badge of Courage (Stephen Crane) A Room with a View (E. M. Forster) Sister Carrie (Theodore Dreiser) The Blazing World (Margaret Cavendish) The Jungle (Upton Sinclair) The Republic (Plato) The Golden Ass (Apuleius) Meditations (Marcus Aurelius) Art of War (Sun Tzu) Candide (Voltaire) Don Quixote (Miguel de Cervantes) Decameron (Giovanni Boccaccio) Narrative of the Life of Frederick Douglass (Frederick Douglass) Dream Psychology (Sigmund Freud) The Einstein Theory of Relativity by H. A. Lorentz The Science of Being Well (Wallace D. Wattles) As a Man Thinketh (James Allen) The Mysterious Affair at Styles (Agatha Christie) A Study in Scarlet (Arthur Conan Doyle) The Sign of Four (Arthur Conan Doyle) Heart of Darkness (Joseph Conrad) The Call of Cthulhu (H. P. Lovecraft) The Legend of Sleepy Hollow (Washington Irving) Frankenstein (Mary Shelley) The War of the Worlds (H. G. Wells) The Raven (Edgar Allan Poe) The Black Cat (Edgar Allan Poe) Who Goes There? (John W. Campbell) The Wonderful Wizard of Oz (L. Frank Baum) Treasure Island (Robert Louis Stevenson) The Wonderful Adventures of Nils Holgersson (Selma Lagerlöf) The Adventures of Tom Sawyer & Huckleberry Finn (Mark Twain) The Call of the Wild (Jack London) White Fang (Jack London) Journey to the Centre of the Earth (Jules Verne) Alice in Wonderland (Lewis Carroll) The Secret Garden (Frances Hodgson Burnett) A Little Princess (Frances Hodgson Burnett) The Jungle Book (Rudyard Kipling) Tarzan of the Apes (Edgar Rice Burroughs) The Complete Fairytales of Brothers Grimm The Complete Fairytales of Hans Christian Andersen Pygmalion (George Bernard Shaw) Botchan (Soseki Natsume) The Sorrows of Young Werther (Johann Wolfgang von Goethe)

China Research and Development Policy Handbook Volume 1 Strategic Information, Programs, Internet and Telecom Sector Development

Lulu.com 2011 Updated Reprint. Updated Annually. China Research & Development Policy Handbook

The Washingtons. Volume 6, Part 1

Generation Ten of the Presidential Branch

Savas Publishing This is the sixth volume of Dr. Justin Glenn's comprehensive history that traces the "Presidential line" of the Washingtons. Volume One began with the immigrant John Washington, who settled in Westmoreland Co., Va., in 1657, married Anne Pope, and became the great-grandfather of President George Washington. It continued the record of their descendants for a total of seven generations. Volume Two highlighted notable family members in the next eight generations of John and Anne Washington's descendants. Volume Three traced the ancestry of the early Virginia members of this "Presidential Branch" back to the aristocracy and nobility of England and continental Europe. Volume Four resumed the family history where Volume One ended, and it contained Generation Eight of the immigrant John Washington's descendants. Volume Five treated Generation Nine. Volume Six now presents Generation Ten, and it includes over 12,000 descendants. Future volumes will add generations eleven through fifteen, making a total of over 63,000 descendants. Although structured in a genealogical format for the sake of clarity, this is no bare bones genealogy but a true family history with over 1,200 detailed biographical narratives. These in turn strive to convey the greatness of the family that produced not only The Father of His Country but many others, great and humble, who struggled to build that country. Volume Six, Part One covers the descendants of the Immigrant John Washington's children Lawrence Washington and John Washington, Jr. Volume Six, Part Two covers the descendants of the Immigrant's child Anne (Washington) Wright.

Scalped

Indian country. 1

Vertigo Dash Bad Horse has returned to his childhood reservation to enforce the law, and as an undercover FBI agent, investigates the corruption and violence fronted by the casino owner, Lincoln Red Crow.

The James Lovegrove Collection, Volume 1

Solaris DAYS Nominated for the Arthur C. Clarke Award Days is a gigastore the size of a small city, whose security are licensed to kill and whose seven owners brood in the penthouse, far removed from the desperate scramble of consumerism. But at what price commerce? Security man Frank has lost his reflection, Books are entering a localised war with Computers, and there is a riot in Third World Instruments. Time for another flash sale... UNTIED KINGDOM Nominated for the John W. Campbell Memorial Award When the village of Downbourne is raided and schoolmaster Fen Morris's wife Moira is snatched, there are no authorities to turn to. In the absence of its government - in exile in the Caribbean following the 'Unlucky Gamble' - and subject to random bombings and leaflet drops, the UK is

lawless and falling apart. Their marriage was a disaster, but Fen sets out to recover her anyway; but does she even want rescuing?

Conversations About Physics, Volume 1

Open Agenda Publishing *Conversations About Physics, Volume 1*, includes the following 5 carefully-edited Ideas Roadshow Conversations featuring leading physicists. This collection includes a detailed preface highlighting the connections between the different books. Each book is broken into chapters with a detailed introduction and questions for discussion at the end of each chapter: 1. *The Power of Principles: Physics Revealed - A Conversation with Nima Arkani-Hamed*, faculty member at the renowned Institute for Advanced Study in Princeton. Prof. Arkani-Hamed is one of today's leading particle physicists. This extensive Ideas Roadshow conversation explores how we discover the laws of nature, the "scientific method", the relation between theory and experiment and how we can push our understanding well beyond where experiments can currently reach. 2. *Cryptoreality - A Conversation with Artur Ekert*, Professor of Quantum Physics at the Mathematical Institute at the University of Oxford and Director of the Centre for Quantum Technologies and Lee Kong Chian Centennial Professor at the National University of Singapore. Artur Ekert is one of the pioneers of quantum cryptography. This wide-ranging conversation provides detailed insights into his research and covers many fascinating topics such as mathematical and physical intuition, a detailed history of cryptography from antiquity to the present day and how it works in practice, the development of quantum information science, the nature of reality, and more. 3. *The Problems of Physics, Reconsidered - A Conversation with Physics Nobel Laureate Tony Leggett*, University of Illinois. The basis of this conversation is Tony Leggett's book *The Problems of Physics* and further explores the insightful plain-speaking itemization that he developed of the physics landscape according to four basic categories—the very small (particle physics), the very large (cosmology), the very complex (condensed matter physics) and the very unclear (foundations of quantum theory)—while providing a thoughtful follow-up analysis from a contemporary perspective to assess how much progress we've made and which mysteries remain or have come on the scene since the book was published. 4. *The Physics of Banjos - A Conversation with David Politzer*, 2004 Nobel Laureate and the Richard Chace Tolman Professor of Theoretical Physics at Caltech. This extensive conversation examines many of the intriguing aspects associated with the physics of banjos, including the ocarina effect, string-stretching, the subtleties of how we hear pitch, transient growth, and the mysterious ringing sound of banjos; while also touching briefly on contemporary issues in black holes and particle physics. 5. *Indiana Steinhardt and the Quest for Quasicrystals - A Conversation with Paul Steinhardt*, the Albert Einstein Professor of Science and Director of the Center for Theoretical Science at Princeton University. This extensive conversation provides a comprehensive account of a marvellous scientific adventure story in the quest for a natural quasicrystal. The reader will be taken on a fascinating ride through the physics of materials, from theory, to the laboratory, to the discovery of a new state of matter, that culminated in Paul Steinhardt's dramatic Siberian expedition. Paul Steinhardt talks about his encounters with mineral smugglers, secret diaries and quasi-mythical characters during his "Indiana Jones" expedition from Florence to Israel, Amsterdam to California, Princeton to Kamchatka which led him to find quasicrystals that are quite literally out of this world... Howard Burton is the founder and host of all Ideas Roadshow Conversations and was the Founding Executive Director of Perimeter Institute for Theoretical Physics. He holds a PhD in theoretical physics and an MA in philosophy.

Unmanned Aerial Systems in Precision Agriculture

Technological Progresses and Applications

Springer Nature

Deep Learning for Unmanned Systems

Springer Nature This book is used at the graduate or advanced undergraduate level and many others. Manned and unmanned ground, aerial and marine vehicles enable many promising and revolutionary civilian and military applications that will change our life in the near future. These applications include, but are not limited to, surveillance, search and rescue, environment monitoring, infrastructure monitoring, self-driving cars, contactless last-mile delivery vehicles, autonomous ships, precision agriculture and transmission line inspection to name just a few. These vehicles will benefit from advances of deep learning as a subfield of machine learning able to endow these vehicles with different capability such as perception, situation awareness, planning and intelligent control. Deep learning models also have the ability to generate actionable insights into the complex structures of large data sets. In recent years, deep learning research has received an increasing amount of attention from researchers in academia, government laboratories and industry. These research activities have borne some fruit in tackling some of the challenging problems of manned and unmanned ground, aerial and marine vehicles that are still open. Moreover, deep learning methods have been recently actively developed in other areas of machine learning, including reinforcement training and transfer/meta-learning, whereas standard, deep learning methods such as recent neural network (RNN) and coevolutionary neural networks (CNN). The book is primarily meant for researchers from academia and industry, who are working on in the research areas such as engineering, control engineering, robotics, mechatronics, biomedical engineering, mechanical engineering and computer science. The book chapters deal with the recent research problems in the areas of reinforcement learning-based control of UAVs and deep learning for unmanned aerial systems (UAS) The book chapters present various techniques of deep learning for robotic applications. The book chapters contain a good literature survey with a long list of references. The book chapters are well written with a good exposition of the research problem, methodology, block diagrams and mathematical techniques. The book chapters are lucidly illustrated with numerical examples and simulations. The book chapters discuss details of applications and future research areas.

Book Chat

Perry Rhodan NEO: Volume 1 (English Edition)

J-Novel Club Amid crises in politics, climate change, terrorism, and more, humanity's limited remaining hope lies in science and an increasingly decrepit space program. When a key moon base goes dark, it's up to chief astronaut Perry Rhodan and his crew to mount a rescue operation - or so the story goes in the press. The truth about Rhodan's mission, however, is a deeper, greater secret than the public can imagine, and the aftermath of what Rhodan finds will change Earth - if not the entire universe - forever... if there's still an Earth for him to come home to.

Inn Between Worlds

Black Knight Books Sitting outside of time and space is the Inn Between Worlds. Residents might say it's a place for travelers, or a place to rest, a place to find excitement. Or they might say it's dangerous and to be avoided at all costs because Reality Does Not Work Right inside its infinite walls. Contained in these pages are three stories that all share one important point: Their events would not have been possible without The Inn. "Gideon Wallace and the Sapphire Woman" is the first story in a new series by Thomas A Farmer, and shows what happens when a mortal man finds himself drawn into a fight between gods. In "Chaos Candy," by Amie Gibbons, supernatural bounty hunter Zee tries to uncover a dark secret and learns much more than she ever wanted to know. Finally, Michael David Anderson's "Flux" continues the adventures of Teddy Dormer, taking him once again to strange new places and showing him new nightmares.

Al Qaeda, the Islamic State, and the Global Jihadist Movement

What Everyone Needs to Know®

Oxford University Press On the morning of September 11, 2001, the entire world was introduced to Al Qaeda and its enigmatic leader, Osama bin Laden. But the organization that changed the face of terrorism forever and unleashed a whirlwind of counterterrorism activity and two major wars had been on the scene long before that eventful morning. In *Al Qaeda, the Islamic State, and the Global Jihadist Movement: What Everyone Needs to Know*, Daniel L. Byman, an eminent scholar of Middle East terrorism and international security who served on the 9/11 Commission, provides a sharp and concise overview of Al Qaeda, from its humble origins in the mountains of Afghanistan to the present, explaining its perseverance and adaptation since 9/11 and the limits of U.S. and allied counterterrorism efforts. The organization that would come to be known as Al Qaeda traces its roots to the anti-Soviet jihad in Afghanistan in the 1980s. Founded as the Soviets withdrew from Afghanistan, Al Qaeda achieved a degree of international notoriety with a series of spectacular attacks in the 1990s; however, it was the dramatic assaults on the World Trade Center and the Pentagon on 9/11 that truly launched Al Qaeda onto the global stage. The attacks endowed the organization with world-historical importance and provoked an overwhelming counterattack by the United States and other western countries. Within a year of 9/11, the core of Al Qaeda had been chased out of Afghanistan and into a variety of refuges across the Muslim world. Splinter groups and franchised offshoots were active in the 2000s in countries like Pakistan, Iraq, and Yemen, but by early 2011, after more than a decade of relentless counterterrorism efforts by the United States and other Western military and intelligence services, most felt that Al Qaeda's moment had passed. With the death of Osama bin Laden in May of that year, many predicted that Al Qaeda was in its death throes. Shockingly, Al Qaeda has staged a remarkable comeback in the last few years. In almost every conflict in the Muslim world, from portions of the Xinjiang region in northwest China to the African subcontinent, Al Qaeda franchises or like-minded groups have played a role. Al Qaeda's extreme Salafist ideology continues to appeal to radicalized Sunni Muslims throughout the world, and it has successfully altered its organizational structure so that it can both weather America's enduring full-spectrum assault and tailor its message to specific audiences. Authoritative and highly readable, Byman's account offers readers insightful and penetrating answers to the fundamental questions about Al Qaeda: who they are, where they came from, where they're going-and, perhaps most critically-what we can do about it. *What Everyone Needs to Know®* is a registered trademark of Oxford University Press.

Scientific and Technical Aerospace Reports

A Volume of Technical Papers Presented at AIAA Technology for Manned Planetary

Missions Meeting

Don't go there. It's not safe. You'll die. And other more >> rational advice for overlanding Mexico & Central America

Life Remotely

Human Performance in Automated and Autonomous Systems, Two-Volume Set

CRC Press This two-volume set addresses a variety of human factors issues and engineering concerns across various real-world applications such as aviation and driving, cybersecurity, and healthcare systems. The contents of these books also present recent theories and methods related to human performance, workload and usability assessment in automated and autonomous systems. In this set, the authors discuss both current and developing topics of advanced automation technologies and present emerging practical challenges. Topics covered include unmanned aerial systems and self-driving cars, individual and team performance, human-robot interaction, and operator selection and training. Both practical and theoretical discussions of modern automated and autonomous systems are provided throughout each of the volumes. These books are suitable for those first approaching the issues to those well versed in these fast-moving areas, including students, teachers, researchers, engineers, and policy makers alike. Volume 1 - Human Performance in Automated and Autonomous Systems: Current Theory and Methods Volume 2 - Human Performance in Automated and Autonomous Systems: Emerging Issues and Practical Perspectives

Operations Research for Unmanned Systems

John Wiley & Sons The first edited volume addressing analysis for unmanned vehicles, with focus on operations research rather than engineering • The editors have a unique combination of extensive operational experience and technical expertise • Chapters address a wide-ranging set of examples, domains and applications • Accessible to a general readership and also informative for experts

Selected papers from the 2nd International Symposium on UAVs, Reno, U.S.A. June 8-10, 2009

Springer Science & Business Media In the last decade, significant changes have occurred in the field of vehicle motion planning, and for UAVs in particular. UAV motion planning is especially difficult due to several complexities not considered by earlier planning strategies: the increased importance of differential constraints, atmospheric turbulence which makes it impossible to follow a pre-computed plan precisely, uncertainty in the vehicle state, and limited knowledge about the environment due to limited sensor capabilities. These differences have motivated the increased use of feedback and other control engineering techniques for motion planning. The lack of exact algorithms for these problems and difficulty inherent in characterizing approximation algorithms makes it impractical to determine algorithm time complexity, completeness, and even soundness. This gap has not yet been addressed by statistical characterization of experimental performance of algorithms and benchmarking. Because of this overall lack of knowledge, it is difficult to design a guidance system, let alone choose the algorithm. Throughout this paper we keep in mind some of the general characteristics and requirements pertaining to UAVs. A UAV is typically modeled as having velocity and acceleration constraints (and potentially the higher-order differential constraints associated with the equations of motion), and the objective is to guide the vehicle towards a goal through an obstacle field. A UAV guidance problem is typically characterized by a three-dimensional problem space, limited information about the environment, on-board sensors with limited range, speed and acceleration constraints, and uncertainty in vehicle state and sensor data.

Sustainable Development and Social Responsibility—Volume 1

Proceedings of the 2nd American University in the Emirates International Research Conference, AUEIRC'18 – Dubai, UAE 2018

Springer Nature The book presents high-quality research papers presented at the 2nd American University in the Emirates International research conference, AUEIRC'18, organized by the American University in the Emirates, Dubai, held on November 13th-15th, 2018. The book is broadly divided into four sections: Sustainability and Smart Technology, Sustainability and Social Responsibility, Sustainability, Human Security and Legislation, Sustainability and Education. The topics covered under these sections are sustainable smart technology such as developing green curriculum for information technology, use ultrasonic velocity to predict quality of wheat, improve security features for visa system, factors affecting the cost of production of electricity and desalination plants, impact of smart traffic sensing in smart cities, smart healthcare system, simulation of Grey wolf optimization algorithm in painting digital forensics. The topics covered for sustainability and creative industries such as sustainable concrete production, multimedia applications in digital transformation art, integrating biomimicry principles in sustainable architecture. Sustainability, human security and legislation covered topics of urban performance and sustainable environment, Eco-certification as response on climate change, the criminal offence of tax evasion in law: case study, skills engineering in sustainable counter defense against Cyber extremism, the international law and challenges of trans-boundary water resources governance, the legal status of nuclear energy: case study, sustainable energy development and nuclear energy legislation in UAE, corruption specific safety challenge, environmental management and sustainability, sustainable farming models for desert agro-ecosystems, future directions of climate change, earth and built environment towards new concept of sustainability, institution building from emotional intelligence perspective, virtue ethics, technology and sustainability, the role of humor in a sustainable education, HEIs practices and strategic decisions toward planning for sustainable education programs, TQM in higher education for sustainable future. The papers in this book present high-quality original research work, findings and practical development experiences.

Marine Design XIII, Volume 2

Proceedings of the 13th International Marine Design Conference (IMDC 2018), June 10-14, 2018, Helsinki, Finland

CRC Press This is volume 2 of a 2-volume set. Marine Design XIII collects the contributions to the 13th International Marine Design Conference (IMDC 2018, Espoo, Finland, 10-14 June 2018). The aim of this IMDC series of conferences is to promote all aspects of marine design as an engineering discipline. The focus is on key design challenges and opportunities in the area of current maritime technologies and markets, with special emphasis on: • Challenges in merging ship design and marine applications of experience-based industrial design • Digitalisation as technological enabler for stronger link between efficient design, operations and maintenance in future • Emerging technologies and their impact on future designs • Cruise ship and icebreaker designs including fleet compositions to meet new market demands To reflect on the conference focus, Marine Design XIII covers the following research topic series: •State of art ship design principles - education, design methodology, structural design, hydrodynamic design; •Cutting edge ship designs and operations - ship concept design, risk and safety, arctic design, autonomous ships; •Energy efficiency and propulsions - energy efficiency, hull form design, propulsion equipment design; •Wider marine designs and practices - navy ships, offshore and wind farms and production. Marine Design XIII contains 2 state-of-the-art reports on design methodologies and cruise ships design, and 4 keynote papers on new directions for vessel design practices and tools, digital maritime traffic, naval ship designs, and new tanker design for arctic. Marine Design XIII will be of interest to academics and professionals in maritime technologies and marine design.

Unmanned Systems of World Wars I and II

MIT Press The first comprehensive technical history of air, land, sea, and underwater unmanned systems, by a distinguished U.S. Navy roboticist. Military drones have recently been hailed as a revolutionary new technology that will forever change the conduct of war. And yet the United States and other countries have been deploying such unmanned military systems for more than a century. Written by a renowned authority in the field, this book documents the forgotten legacy of these pioneering efforts, offering the first comprehensive historical and technical accounting of unmanned air, land, sea, and underwater systems. Focusing on examples introduced during the two world wars, H. R. Everett meticulously traces their development from the mid-nineteenth century to the early Cold War. A pioneering Navy roboticist, Everett not only describes these systems in detail but also reverse-engineers the designs in order to explain how they operated in real-world conditions of the time. More than 500 illustrations—photographs, drawings, and plans, many of them never before published—accompany the text. Everett covers the evolution of early wire-guided submersibles, tracing the development of power, propulsion, communication, and control; radio-controlled surface craft, deployed by both Germany and Great Britain in World War I; radio-controlled submersibles; radio-controlled aircraft, including the TDR-1 assault drone project in World War II—which laid the groundwork for subsequent highly classified drone programs; and remote-controlled ground vehicles, including the Wehrmacht's Goliath and Borgward demolition carriers.

Mei Mei---a Beautiful Fish

Journal of the Waterloo Campaign - Volume 1

Andrews UK Limited Volume 1 of 2. The author of this book was commander of 'G' Troop, Royal Horse Artillery, in Wellington's army, who jotted down notes on the events of the day each evening. It is an account of what he saw and felt from leaving Colchester for Belgium on 8 April 1815 to his final return to England at the end of January 1816. It is a remarkable and compelling account, especially of the three days which ended the career of Napoleon. Mercer's troop was at Quatre Bras, where he got off a few rounds at Napoleon himself, and at Waterloo. There are graphic descriptions of the battles and of his tour over the battlefield the day after, with its appalling scenes of carnage and the sight of the locals looting the dead, and the not-quite dead. It is an outstanding example of the literature of the Napoleonic wars, and it has a rarity as the memoir of an artillery officer, and a troop commander at that.

Live As a Man. Die As a Man. Become a Man.

CreateSpace Live as a man. Die as a man. Become a man. Yamatodamashii is roughly translated as Samurai Spirit or old spirit of Japan and has become synonymous with Enson Inoue. He was given this nickname by the Japanese people because of the way he carries himself inside and outside of the ring. This philosophy permeates throughout Enson's experiences, helping him gain a different perspective on life with every new challenge that has come his way. He is the first World Shooto Heavyweight Champion, UFC fighter, Pride fighter, and pioneer of modern MMA. He gives an in-depth account of his philosophical insights and thrilling adventures both inside and outside the ring.

Technology for Large Space Systems

Supplement

The English Catalogue of Books [annual]

Vols. for 1898-1968 include a directory of publishers.

Technical Reports Awareness Circular : TRAC.

Tainted Energy

For seventeen-year-old Lena, living in the trailer park with the rest of town's throwaways isn't exactly paradise. Dealing with a drunken father who can't keep his fists to himself doesn't help matters either. The only good thing in her life, other than track, is the mysterious man who visits her dreams, promising to find her. When a chair burns her arms, Lena chalks it up to stress-induced crazy. Yet as bizarre incidents escalate, even being crazy can't explain it all away... until one day dream guy does find her. Tarek lost Lena seventeen years ago after she was accused of treason and marked Tainted. He finally discovers her reborn on Earth into a life of suffering as punishment for her crime. However, someone else has already found her... and wants her dead. Willing to sacrifice everything, he fights to keep her safe so she can live the only life she's ever known-even if that life doesn't include him.

Bossmen: Bill Monroe & Muddy Waters

Sams Every field has its "bossman"--the one who sets the style and makes the rules. In bluegrass and early country music the man was Bill Monroe. In the world of urban blues, the man was Muddy Waters. Using their own words and dozens of remarkable photographs by David Gahr, Carl Fleischhauer and John Byrne Cooke, the author compares and contrasts the careers of these two bossmen. Both grew up in remote rural areas. Muddy Waters heard field hollers, church music, jubilees, shouts, string band music, and the raw sound of the delta blues; for Bill Monroe it was square dance music, hymns, old country ballads and the fiddling of his Uncle Pen Vandiver. Both brought their music to the big cities: Bill to Nashville, Muddy to Chicago. Musicians who passed through their bands went on to form bands of their own, giving rise to the worlds of Bluegrass and Chicago Blues. But this is more than a book about music; it is a book about black and white America. In microcosm, it is almost a history of this country; and it sets up striking comparisons that cut deep into our heritage and ways. In the words of Pete Seeger: "Anyone in the world wanting to understand American music could well start right here."

Crooked Tree Ranch

Love Lane Books Limited When the cowboy meets the guy from the city, he knows everything will have to change. On the spur of the moment, with his life collapsing around him, Jay Sullivan answers an ad for a business manager with expertise in marketing, on a dude ranch in Montana. With his sister, Ashley, niece, Kirsten, and nephew, Josh, in tow, he moves lock stock and barrels from New York to Montana to start a new life on Crooked Tree Ranch. Foreman and part-owner of the ranch, former-rodeo star Nathaniel 'Nate' Todd has been running the dude ranch, for five years ever since his mentor Marcus Allen became ill. His brothers convince him that he needs to get an expert in to help the business grow. He knows things have to change, but when the new guy turns up, with a troubled family in tow - he just isn't prepared for how much.

Man's Geophysical Environment: Its Study from Space

A Report to the Administrator of ESSA.

Government reports annual index