

Biopunk Kitchen Counter Scientists Hack The Software Of Life Marcus Wohlsen

Getting the books **Biopunk Kitchen Counter Scientists Hack The Software Of Life Marcus Wohlsen** now is not type of inspiring means. You could not lonely going past book addition or library or borrowing from your links to get into them. This is an unquestionably simple means to specifically get lead by on-line. This online publication Biopunk Kitchen Counter Scientists Hack The Software Of Life Marcus Wohlsen can be one of the options to accompany you like having extra time.

It will not waste your time. put up with me, the e-book will totally spread you supplementary concern to read. Just invest tiny mature to gate this on-line notice **Biopunk Kitchen Counter Scientists Hack The Software Of Life Marcus Wohlsen** as well as evaluation them wherever you are now.

Transhumanism as a New Social Movement James Michael MacFarlane 2020-05-19 This book explores Technological Human Enhancement Advocacy through ethnographically inspired participant observation across a range of sites. James Michael MacFarlane argues that such advocacy is characterized by ‘Techno-centrism,’ a belief grounded in today’s world while being also future-oriented and drawn from the imagination. This blurring of ‘real’ and ‘imagined’ futures borrows from the materialist grounding of the scientific worldview, while granting extended license to visions for technology as an enabler of forward-facing action, which include reviving humanist ideals associated with the modernization project. While Techno-centrism is arguably most pronounced in transhumanism—where it is acted-out in extreme, almost hyperbolic ways—it reflects more generally held, deep-seeded concerns around the future of science, technology and human self-identity in the new millennium. Far from being new, these emerging social forms capture unresolved ambivalences which have long cast a shadow over late-modern society and culture.

A Choice of Weapons Gordon Parks 2010 “Gordon Parks’s spectacular rise from poverty, personal hardships, and outright racism is astounding and inspiring.” —from the foreword by Wing Young Huie

Biopunk Dystopias Lars Schmeink 2016 'Biopunk Dystopias' contends that we find ourselves at a historical nexus, defined by the rise of biology as the driving force of scientific progress, a strongly grown mainstream attention given to genetic engineering in the wake of the Human Genome Project (1990-2003), the changing sociological view of a liquid modern society, and shifting discourses on the posthuman, including a critical posthumanism that decenters the privileged subject of humanism. The book argues that this historical nexus produces a specific cultural formation in the form of "biopunk", a subgenre evolved from the cyberpunk of the 1980s. Biopunk makes use of current posthumanist conceptions in order to criticize contemporary reality as already dystopian, warning that a future will only get worse, and that society needs to reverse its path, or else destroy all life on this planet.

Introduction to Genetic Principles David Hyde 2008-05-01 Hyde's "Introduction to Genetics" teaches the principles of genetics with an innovative approach that emphasizes the basic concepts involved in solving problems as well as teaching students how to manipulate genetic data. While most genetics textbooks provide some examples and several problems for the student to work, the texts primarily stress facts and historical information. It is often left to the student to make the connection from what is in the text to elucidating the approaches to solve problems. Dr. David Hyde presents these skills to the students throughout the narrative in a stepped-out fashion, making an explicit tie between the facts and their application. This text maintains the rigor that faculty require in a genetics book, while incorporating a student-friendly presentation style that helps the reader comprehend the material.

Macanudo #2 Liniers 2014-11-25 All of life can be found in Macanudo, except for the really awful stuff that's left to the daily news!

Biohackers Alessandro Delfanti 2013-05-07 Biohackers explores fundamental changes occurring in the circulation and ownership of scientific information. Alessandro Delfanti argues that the combination of the ethos of 20th century science, the hacker movement and the free software movement is producing an open science culture which redefines the relationship between researchers, scientific institutions and commercial companies. Biohackers looks at the emergence of the citizen biology community "DIYbio", the shift to open access by the American biologist Craig Venter and the rebellion of the Italian virologist Ilaria Capua against WHO data-sharing policies. Delfanti argues that these biologists and many others are involved in a transformation of both life sciences and information systems, using open access tools and claiming independence from both academic and corporate institutions.

Recoding Life Sakari Tammin 2018-07-11 This book addresses the unprecedented convergence between the digital and the corporeal in the life sciences and turns to Foucault’s biopolitics in order to understand how life is being turned into a technological object. It examines a wide range of bioscientific knowledge practices that allow life to be known through codes that can be shared (copied), owned (claimed, and managed) and optimised (remade through codes based on standard language and biotech engineering visions). The book’s approach is captured in the title, which refers to ‘the biopolitical’. The authors argue that through discussions of political theories of sovereignty and related geopolitical conceptions of nature and society, we can understand how crucially important it is that life is constantly unsettling and disrupting the established and familiar ordering of the material world and the related ways of thinking and acting politically. The biopolitical dynamics involved are conceptualised as the ‘metacode of life’, which refers to the shifting configurations of living materiality and the merging of conventional boundaries between the natural and artificial, the living and non-living. The result is a globalising world in which the need for an alternative has become a core part of its political and legal instability, and the authors identify a number of possible alternative platforms to understand life and the living as framed by the ‘metacodes’ of life. This book will appeal to scholars of science and technology studies, as well as scholars of the sociology, philosophy, and anthropology of science, who are seeking to understand social and technical heterogeneity as a characteristic of the life sciences.

The Cambridge History of Science Fiction Gerry Canavan 2018-12-31 The first science fiction course in the American academy was held in the early 1950s. In the sixty years since, science fiction has become a recognized and established literary genre with a significant and growing body of scholarship. The Cambridge History of Science Fiction is a landmark volume as the first authoritative history of the genre. Over forty contributors with diverse and complementary specialties present a history of science fiction across national and genre boundaries, and trace its intellectual and creative roots in the philosophical and fantastic narratives of the ancient past. Science fiction as a literary genre is the central focus of the volume, but fundamental to its story is its non-literary cultural manifestations and influence. Coverage thus includes transmedia manifestations as an integral part of the genre's history, including not only short stories and novels, but also film, art, architecture, music, comics, and interactive media.

For the Good of Mankind? Vicki Oransky Wittenstein 2013-10-01 Experiment: A child is deliberately infected with the deadly smallpox disease without his parents’ informed consent. Result: The world’s first vaccine. Experiment: A slave woman is forced to undergo more than thirty operations without anesthesia. Result: The beginnings of modern gynecology. Incidents like these paved the way for crucial, lifesaving medical discoveries. But they also harmed and humiliated their test subjects, many of whom did not agree to the experiments in the first place. How do doctors balance the need to test new medicines and procedures with their ethical duty to protect the rights of human subjects? Take a harrowing journey through some of history’s greatest medical advances?and its most horrifying medical atrocities?to discover how human suffering has gone hand in hand with medical advancement.

The Scientists Marco Roth 2013-01-17 DIV ‘Marco Roth’s book about his father is a farewell to a bygone culture - polygot, intellectual, Europhile, psychoanalytic - and simultaneously a renewal of that culture. It’s moving, tough-minded, and distinctive, a memoir the likes of which nobody else could write.’ Benjamin Kunkel, author of Indecision With the precociousness expected of the only child of a doctor and a classical musician - from the time he could get his toddler tongue to pronounce a word like ‘deoxyribonucleic acid’ or recite a French poem - Marco Roth was able to share his parents’ New York, a world centered around house concerts, a private library of literary classics, and dinner discussions of the latest advances in medicine. That world ended when his father began to suffer the worst effects of the AIDS virus that had infected him in the early 1980s. What this family would not talk about for years came to dominate the lives of its surviving members, often in unexpected ways. The Scientists is a story of how we first learn from our parents and how we then learn to see them as separate individuals; it’s a story of how preciousness can slow us down when it comes to understanding our desires and other people’s. A memoir of parents and children in the tradition of Edmund Gosse, Henry Adams and J. R. Ackerley, The Scientists grapples with a troubled and emotional inheritance, in a style that is both elegiac and defiant. /div

The First 90 Days in Government Peter H. Daly 2006 The authors address the crucial differences between the private and public sectors. This concise, practical book provides a roadmap to help new government leaders at all levels accelerate their transitions.

The Shark's Paintbrush Jay Harman 2013-06-25 The wave of the future has been around since the beginning of times: it's called Nature. Let inventor and entrepreneur Jay Harman introduce you to stunning solutions to some of the world's thorniest problems. Why does the bumblebee have better aerodynamics than a 747? How can copying a butterfly wing reduce the world's lighting energy bill by 80%? How will fleas' knees and bees' shoulders help scientists formulate a near-perfect rubber? Today an interdisciplinary and international group of scientists, inventors and engineers is turning to nature to innovate and find elegant solutions to human problems. The principle driving this transformation is called biomimicry, and Harman shares a wide range of examples of how we're borrowing from natural models to invent profitable, green solutions to pressing industrial challenges. Aimed at a business audience, aspiring entrepreneurs, environmentalists and general science readers, The Shark's Paintbrush reflects a force of change in the new global economy that does more than simply gratify human industrial ambition; it teaches us how to live in harmony with nature and opens bright opportunities for a better future.

BioBuilder Natalie Kuldell PhD. 2015-06-22 Today's synthetic biologists are in the early stages of engineering living cells to help treat diseases, sense toxic compounds in the environment, and produce valuable drugs. With this manual, you can be part of it. Based on the BioBuilder curriculum, this valuable book provides open-access, modular, hands-on lessons in synthetic biology for secondary and post-secondary classrooms and laboratories. It also serves as an introduction to the field for science and engineering enthusiasts. Developed at MIT in collaboration with award-winning high school teachers, BioBuilder teaches the foundational ideas of the emerging synthetic biology field, as well as key aspects of biological engineering that researchers are exploring in labs throughout the world. These lessons will empower teachers and students to explore and be part of solving persistent real-world challenges. Learn the fundamentals of biodesign and DNA engineering Explore important ethical issues raised by examples of synthetic biology Investigate the BioBuilder labs that probe the design-build-test cycle Test synthetic living systems designed and built by engineers Measure several variants of an enzyme-generating genetic circuit Model "bacterial photography" that changes a strain's light sensitivity Build living systems to produce purple or green pigment Optimize baker's yeast to produce ?-carotene

Are We Smart Enough to Know How Smart Animals Are? Frans de Waal 2016-04-25 A New York Times bestseller: "A passionate and convincing case for the sophistication of nonhuman minds." —Alison Gopnik, The Atlantic Hailed as a classic, Are We Smart Enough to Know How Smart Animals Are? explores the oddities and complexities of animal cognition—in crows, dolphins, parrots, sheep, wasps, bats, chimpanzees, and bonobos—to reveal how smart animals really are, and how we’ve underestimated their abilities for too long. Did you know that octopuses use coconut shells as tools, that elephants classify humans by gender and language, and that there is a young male chimpanzee at Kyoto University whose flash memory puts that of humans to shame? Fascinating, entertaining, and deeply informed, de Waal’s landmark work will convince you to rethink everything you thought you knew about animal—and human—intelligence.

GURPS MAGIC Steve Jackson 2016-11-28 Now available in softcover, this GURPS Fourth Edition book combines the spells from the Third Edition GURPS Magic and GURPS Grimoire, plus dozens of all-new spells, for the ultimate tome of magic! Within these pages, crackling with mystic energies, you'll find: The core magic system for GURPS, expanding on the material presented in the Basic Set . . . rules for learning magic, casting spells, enchanting magic items, and more! Complete alchemy rules . . . creating magical elixirs, using them, and even researching new ones . . . with an extensive list of known elixirs and their powers. Alternatives to the core magic system, including complete rules for improvised magic and rune magic. There are also guidelines for the GM who wants to change how magic works in particular worlds in a multi-world campaign. Plus special material from the GURPS Magic Items series and Wizards. This is a powerful book, indeed. Use it wisely.

Biology Is Technology Robert H. Carlson 2011-04-15 Technology is a process and a body of knowledge as much as a collection of artifacts. Biology is no different—and we are just beginning to comprehend the challenges inherent in the next stage of biology as a human technology. It is this critical moment, with its wide-ranging implications, that Robert Carlson considers in Biology Is Technology. He offers a uniquely informed perspective on the endeavors that contribute to current progress in this area—the science of biological systems and the technology used to manipulate them. In a number of case studies, Carlson demonstrates that the development of new mathematical, computational, and laboratory tools will facilitate the engineering of biological artifacts—up to and including organisms and ecosystems. Exploring how this will happen, with reference to past technological advances, he explains how objects are constructed virtually, tested using sophisticated mathematical models, and finally constructed in the real world. Such rapid increases in the power, availability, and application of biotechnology raise obvious questions about who gets to use it, and to what end. Carlson’s thoughtful analysis offers rare insight into our choices about how to develop biological technologies and how these choices will determine the pace and effectiveness of innovation as a public good.

Technophobia! Daniel Dinello 2013-08-26 Techno-heaven or techno-hell? If you believe many scientists working in the emerging fields of twenty-first-century technology, the future is blissfully bright. Initially, human bodies will be perfected through genetic manipulation and the fusion of human and machine; later, human beings will completely shed the shackles of pain, disease, and even death, as human minds are downloaded into death-free robots whereby they can live forever in a heavenly "posthuman" existence. In this techno-utopian future, humanity will be saved by the godlike power of technology. If you believe the authors of science fiction, however, posthuman evolution marks the beginning of the end of human freedom, values, and identity. Our dark future will be dominated by mad scientists, rampaging robots, killer clones, and uncontrollable viruses. In this timely new book, Daniel Dinello examines "the dramatic conflict between the techno-utopia promised by real-world scientists and the techno-dystopia predicted by science fiction." Organized into chapters devoted to robotics, bionics, artificial intelligence, virtual reality, biotechnology, nanotechnology, and other significant scientific advancements, this book summarizes the current state of each technology, while presenting corresponding reactions in science fiction. Dinello draws on a rich range of material, including films, television, books, and computer games, and argues that science fiction functions as a valuable corrective to technological domination, countering techno-hype and reflecting the "weaponized, religiously rationalized, profit-fueled" motives of such science. By imaging a disastrous future of posthuman techno-totalitarianism, science fiction encourages us to construct ways to contain new technology, and asks its audience perhaps the most important question of the twenty-first century: is technology out of control?

Strategic Innovation Liisa Välikangas 2015-09-11 GET TO THE FUTURE FIRST! LEVERAGE STRATEGIC NOVELTY (SN) TO TRANSFORM AND DOMINATE YOUR MARKET Become an “outlier organization”: recognize huge opportunities in novelty, and act fast and first Listen for the tremors already building beneath your markets Learn from winning “outlier” business models, organizational forms, markets, products, and services Today, the companies that rise rapidly to dominance are the outliers. They’re radically novel where it matters: whether in business models, products, services, or some other key driver of value. Strategic Innovation reveals how to think like these vanguard organizations—and become one of them. You’ll discover how to borrow the lenses and insights of companies operating right at the edge of conventional industry dynamics and boundaries...where opportunities are underdefined, predictions unstable, and the greatest opportunities exist. Using linked case studies and a proven three-step methodology, the authors guide you through uncovering Strategic Novelty (SN) with explosive potential...executing quickly... and learning and tweaking relentlessly to amplify your impact. If you keep

doing what everyone else is doing, you may succeed—but not greatly, and not for long. If you want to create, transform, and dominate your market, you need to think and act like an outlier. Learn how. Now. Before someone does it to you. Right now, all around you, there’s an explosion of new business models, new product/service categories, and new organizational forms. It’s a veritable Cambrian Explosion of business life, led by outlier organizations you’ve never even heard of. Many will remain practically invisible to the incumbents in their markets...until they suddenly explode into dominance. What do they share? A fundamental commitment to Strategic Novelty (SN). Now, in Strategic Innovation, leading innovation strategists Liisa Välikangas and Michael Gibbert show you how to leverage SN to become your industry’s winning disruptor. You’ll master SN through case studies from leading outlier organizations in areas ranging from 3D printing to crowd financing and resource-constrained innovation. Each case is original, previously unpublished, and based at least in part on the authors’ direct experiences. Through these cases, you’ll explore how each company’s story is playing out: sometimes in failure, but often in massive success. You’ll discover why incumbents rarely notice outliers in time, and how to keep it from happening to you. Perhaps most valuable of all, the authors help you extrapolate the likely impact of any novelty, so you can tell the difference between promising opportunities and those destined to fail.

Genetic Engineering Susan Henneberg 2016-12-15 As scientists continue to make genetic breakthroughs, society inches ever closer to confronting the stuff horror movies are made of. Cloning a mourned pet is simply strange, but the thought of human cloning is terrifying. Manipulating genes to reduce genetic disease is encouraging only until we consider the ethical implications of potentially creating a master race. Genetically engineering crops and animals can address many problems like disease, climate change, and world hunger, but altering the environment could have catastrophic results for Earth. Articles presenting these issues from persuasive points of view help readers understanding the controversies surrounding genetic engineering today.

Biopunk Marcus Wohlsen 2012-07-31 Bill Gates recently told Wired that if he were a teenager today, he would be hacking biology. "If you want to change the world in some big way," he says, "that's where you should start-biological molecules." The most disruptive force on the planet resides in DNA. Biotech companies and academic researchers are just beginning to unlock the potential of piecing together life from scratch. Champions of synthetic biology believe that turning genetic code into Lego-like blocks to build never-before-seen organisms could solve the thorniest challenges in medicine, energy, and environmental protection. But as the hackers who cracked open the potential of the personal computer and the Internet proved, the most revolutionary discoveries often emerge from out-of-the-way places, forged by brilliant outsiders with few resources besides boundless energy and great ideas. In Biopunk, Marcus Wohlsen chronicles a growing community of DIY scientists working outside the walls of corporations and universities who are committed to democratizing DNA the way the Internet did information. The "biohacking" movement, now in its early, heady days, aims to unleash an outbreak of genetically modified innovation by making the tools and techniques of biotechnology accessible to everyone. Borrowing their idealism from the worlds of open-source software, artisanal food, Internet startups, and the Peace Corps, biopunks are devoted advocates for open-sourcing the basic code of life. They believe in the power of individuals with access to DNA to solve the world's biggest problems. You'll meet a new breed of hackers who aren't afraid to get their hands wet, from entrepreneurs who aim to bring DNA-based medical tools to the poorest of the poor to a curious tinkerer who believes a tub of yogurt and a jellyfish gene could protect the world's food supply. These biohackers include: -A duo who started a cancer drug company in their kitchen -A team who built an open-source DNA copy machine -A woman who developed a genetic test in her apartment for a deadly disease that had stricken her family Along with the potential of citizen science to bring about disruptive change, Wohlsen explores the risks of DIY bioterrorism, the possibility of genetic engineering experiments gone awry, and whether the ability to design life from scratch on a laptop might come sooner than we think.

Venture Capital Due Diligence Justin J. Camp 2002-02-21 The first book to offer a comprehensive framework for conducting the venture capital due diligence process Venture capitalists and other professional investors use due diligence to uncover all of the critical aspects of a company in which they are considering investing in an attempt to estimate the ROI of this decision. The state of the market, management expertise within the firm, legal concerns, location, and environmental issues are just a few of the factors investors include in their due diligence analyses. This book is the only guide to provide investors with a rigorous due diligence framework that can be customized to fit the practice of the firm. The book provides readers with a clear and complete understanding of the due diligence process and formalizes the process for the VC community. The book is structured around key criteria presented in the form of questions. Each question is followed by in-depth explanations and analyses that incorporate the best practices of today's top VCs, including John Doerr, Don Valentine, Kevin Fong, and Ann Winblad.

Synthetic Sophia Roosth 2017-03 In the final years of the twentieth century, emigres from mechanical and electrical engineering and computer science resolved that if the aim of biology was to understand life, then making life would yield better theories than experimentation. Sophia Roosth, a cultural anthropologist, takes us into the world of these self-named synthetic biologists who, she shows, advocate not experiment but manufacture, not reduction but construction, not analysis but synthesis. Roosth reveals how synthetic biologists make new living things in order to understand better how life works. What we see through her careful questioning is that the biological features, theories, and limits they fasten upon are determined circularly by their own experimental tactics. This is a story of broad interest, because the active, interested making of the synthetic biologists is endemic to the sciences of our time."

The Stimulated Brain Roi Cohen Kadosh 2014-06-01 The Stimulated Brain—which garnered an Honorable Mention for Biomedicine & Neuroscience at the 2015 PROSE Awards from the Association of American Publishers—presents the first integration of findings on brain stimulation from different research fields with a primary focus on Transcranial Electrical Stimulation (tES), one of the most frequently used noninvasive stimulation methods. The last decade has witnessed a significant increase in the amount of research exploring how noninvasive brain stimulation can not only modulate but also enhance cognition and brain functions. However, although Transcranial Magnetic Stimulation (TMS) and particularly tES have the potential to become more widely applicable techniques (as they come with none of the risks associated with deep brain stimulation) the reference literature on these neurotechnologies has been sparse. This resource provides a broad survey of current knowledge, and also marks future directions in cognitive and neuro-enhancement. It expands our understanding of basic research findings from animals and humans, including clear translational benefits for applied research and the therapeutic use of noninvasive brain stimulation methods. The book's coverage includes a primer that paves the way to a more advanced knowledge of tES and its physiological basis; current research findings on cognitive and neuro-enhancement in animals and typical and atypical human populations, such as neurological patients; and discussions of future directions, including specific neuroethical issues and pathways for collaboration and entrepreneurialism. The Stimulated Brain is the first book to provide a comprehensive understanding of different aspects of noninvasive brain stimulation that are critical for scientists, clinicians, and those who are interested in “stimulating their minds by exploring this fascinating field of research. Honorable Mention for Biomedicine & Neuroscience in the 2015 PROSE Awards from the Association of American Publishers The only reference on the market to focus on transcranial electrical stimulation (tES) Coverage across technical, historical, and application topics makes this the single, comprehensive resource for researchers and students Edited book with chapters authored by international leaders in the fields of medicine, neuroscience, psychology, and philosophy—providing the broadest, most expert coverage available

Gurps Fantasy Steve Jackson Games 2004-10-01 Fantasirollespil.

Culture Shock! France Sally Adamson Taylor 2005 CultureShock! France peels away the layers of the French and their country to reveal the heart of the Gallic temperament. Written in a personable style, the book navigates through diverse topics that are essential for delving into the culture of France; topics such as learning the French language, how best to work with the French, observing their body language and even how to choose wine in a restaurant. Glean practical advice on finding a home, getting the utilities running and putting the children into school. Find out more about the French, a complex people who maintain a cool composure on the outside yet are inwardly passionate about art, romance, cuisine and wine. Discover how easily the French recognise a foreigner just by the way their salad and pasta are eaten and learn how to avoid being the object of their criticism. CultureShock! France is a must-read guide to all the essential information needed for one to feel right at home in France. Book jacket.

Biotechnology in the Time of COVID-19 Jeremy M. Levin 2020-05-31 47 leaders from across the biotechnology industry tell their stories of battling the global scourge of COVID-19. Pandemics have killed at least a half billion people over the past two millennia. But in the age of biotechnology, humanity is no longer defenseless. The biotechnology industry is a diverse community of scientists, doctors, patients, entrepreneurs, investors, bankers, analysts and reporters, all committed to treating and curing disease. Over the past forty years, it has produced medical advances at an electrifying rate. As the COVID-19

pandemic emerged, hundreds of companies quickly pivoted to combating the virus. The contributors to this book offer inside views of this seminal industry, with historical and personal perspectives, lessons learned, and looks into the future. Diverse as these leaders are, they are united by their conviction that science and medicine will light humanity’s way to greater health and longevity.

The Handbook of Peer Production Mathieu O’Neil 2021-02-09 The definitive reference work with comprehensive analysis and review of peer production Peer production is no longer the sole domain of small groups of technical or academic elites. The internet has enabled millions of people to collectively produce, revise, and distribute everything from computer operating systems and applications to encyclopedia articles and film and television databases. Today, peer production has branched out to include wireless networks, online currencies, biohacking, and peer-to-peer urbanism, amongst others. The Handbook of Peer Production outlines central concepts, examines current and emerging areas of application, and analyzes the forms and principles of cooperation that continue to impact multiple areas of production and sociality. Featuring contributions from an international team of experts in the field, this landmark work maps the origins and manifestations of peer production, discusses the factors and conditions that are enabling, advancing, and co-opting peer production, and considers its current impact and potential consequences for the social order. Detailed chapters address the governance, political economy, and cultures of peer production, user motivations, social rules and norms, the role of peer production in social change and activism, and much more. Filling a gap in available literature as the only extensive overview of peer production’s modes of generating informational goods and services, this groundbreaking volume: Offers accessible, up-to-date information to both specialists and non-specialists across academia, industry, journalism, and public advocacy Includes interviews with leading practitioners discussing the future of peer production Discusses the history, traditions, key debates, and pioneers of peer production Explores technologies for peer production, openness and licensing, peer learning, open design and manufacturing, and free and open-source software The Handbook of Peer Production is an indispensable resource for students, instructors, researchers, and professionals working in fields including communication studies, science and technology studies, sociology, and management studies, as well as those interested in the network information economy, the public domain, and new forms of organization and networking.

Chosen Spirits Samit Basu 2020-04-28 She’d decided, that night, that she wouldn’t leave. That she would stay in India, in Delhi, and belong as hard as she could. Joey is a Reality Controller, in charge of the livestream of a charismatic and problematic celebrity in smog-choked, water-short, ever-transforming Delhi - a city on the brink of revolution, under the shadow of multiple realities and catastrophes - at the end of the 2020s. When Joey impulsively rescues a childhood friend, Rudra, from his new-elite family and the comfortable, horrific life they have chosen for him, she sets into motion a chain of events — a company takeover, a sex scandal, a series of betrayals — that disintegrates not just their public and private selves, but the invisible walls that divide the city around them. To find the lives they need, Joey and Rudra must reckon with people and forces beyond their understanding, in a world where trust is impossible, popularity is conformity, and every wall has eyes.

The Windup Girl Paolo Bacigalupi 2015-05-05 Winner of the Hugo and Nebula awards for best novel, the break-out science fiction debut featuring additional stories and a Q&A with the author. Anderson Lake is AgriGen’s Calorie Man, sent to work undercover as a factory manager in Thailand while combing Bangkok’s street markets in search of foodstuffs thought to be extinct, hoping to reap the bounty of history’s lost calories. Emiko is the Windup Girl, a strange and beautiful creature. Emiko is not human; she is an engineered being, grown and programmed to satisfy the decadent whims of a Kyoto businessman, but now abandoned to the streets of Bangkok. Regarded as soulless beings by some, devils by others, New People are slaves, soldiers, and toys of the rich in this chilling near future in which calorie companies rule the world, the oil age has passed, and the side effects of bio-engineered plagues run rampant across the globe. What happens when calories become currency? What happens when bio-terrorism becomes a tool for corporate profits and forces mankind to the cusp of post-human evolution? Bacigalupi delivers one of the most highly-acclaimed science fiction novels of the twenty-first century. In this brand-new edition celebrating the book’s reception into the canon of celebrated modern science fiction, accompanying the text are two novelettes exploring the dystopian world of The Windup Girl, the Theodore Sturgeon Award-winning “The Calorie Man” and “Yellow Card Man.” Also included is an exclusive Q&A with the author describing his writing process, the political climate into which his debut novel was published, and the future of science fiction. Skyhorse Publishing, under our Night Shade and Talos imprints, is proud to publish a broad range of titles for readers interested in science fiction (space opera, time travel, hard SF, alien invasion, near-future dystopia), fantasy (grimdark, sword and sorcery, contemporary urban fantasy, steampunk, alternative history), and horror (zombies, vampires, and the occult and supernatural), and much more. While not every title we publish becomes a New York Times bestseller, a national bestseller, or a Hugo or Nebula award-winner, we are committed to publishing quality books from a diverse group of authors.

Term Sheets & Valuations Alex Wilmerding 2017

Human Physiology - Medical School Crash Course Audiolearn Medical Content Team 2017-12-28 AudioLearn's Medical School Crash Courses presents Human Physiology: Written by experts and authorities in the field and professionally narrated for easy listening, this crash course is a valuable tool both during school and when preparing for the USMLE, or if you're simply interested in the subject. The audio is focused and high-yield, covering the most important topics you might expect to learn in a typical medical school human physiology course. Included are both capsule and detailed explanations of critical issues and topics you must know to master this topic. The material is accurate, up to date, and broken down into bite-sized sections. There is a "Q&A" and "key takeaways" section following each topic to review questions commonly tested and drive home key points. In this course, we'll cover the following topics: Basic cell processes Metabolic physiology Endocrine system physiology Central nervous system physiology Autonomic nervous system physiology Musculoskeletal physiology Cardiovascular system physiology Respiratory system physiology Immune system physiology Kidney physiology Digestive system physiology Reproductive system physiology Skeletal system Acid-base regulation Also included is a comprehensive test containing the top 100 most commonly tested questions in human physiology with the correct answers. AudioLearn's Medical School Crash Courses support your studies, help with USMLE preparation, and provide a comprehensive audio review of the topic matter for anyone interested in what medical students are taught in a typical medical school human physiology course.

Propaganda and Mass Persuasion Nicholas John Cull 2003-01-01 Entries provide information on the history, key propagandists, and techniques and concepts of propaganda.

Digital Technologies: Sustainable Innovations for Improving Teaching and Learning Demetrios Sampson 2018-02-28 The aim of this volume entitled Digital Technologies: Sustainable Innovations for improving Teaching and Learning is to contribute in the global discussion on digital technologies as the means to foster sustainable educational innovations for improving the teaching, learning and assessment from K-12 to Higher Education. It compiles papers presented at the CELDA (Cognition and Exploratory Learning in the Digital Age) conference, which has as its goal continuing to address these challenges and promote the effective use of new tools and technologies to support teaching, learning and assessment. The book consists of four parts and showcases how emerging educational technologies and innovative practices have been used to address core global educational challenges; spanning from rethinking and transforming learning environments across educational contexts to effectively cultivating students’ competences for the digital smart society of the future. The book comprises Part I: Transforming the Learning Environment; Part II: Enriching student learning experiences; Part III: Measuring and Assessing Teaching and Learning with Educational Data Analytics; Part IV: Cultivating student competences for the digital Smart society. It targets researchers and research students, educational professional practitioners (including teachers, educators and education leaders) as well as education policy makers, who are interested in keeping up-to-date on the global development in this field.

Culture Shock! Esther Wanning 1991

The knowledge of experience Dana Mahr 2021-09-05 This book explores the role of social and epistemic diversity in science, technology, and medicine in the 21st century. It argues that most contemporary endeavours to democratize science are epistemically conservative. Using illustrative case studies, Dr Dana Mahr shows how epistemic diversity can contribute to a renewal of the production of scientific knowledge. Her exploration of online self-help cultures, radical feminist health movements, and grassroots environmentalism in Thailand emphasize that “experiential knowledge” and “performativity” are important epistemic strategies for marginalized social groups to critically engage with institutionalized knowledge.

Macanudo #3 Liniers 2015-10 "Macanudo #2"was called"an indispensable work of comic art" by "Publishers Weekly."Volume #3 furtherbuilds and depends this strip'scharming, surreal world."

The Age of Em Robin Hanson 2016-05-13 Robots may one day rule the world, but what is a robot-ruled Earth like? Many think the first truly smart robots will be brain emulations or ems. Scan a human brain, then run a model with the same connections on a fast computer, and you have a robot brain, but recognizably human. Train an em to do some job and copy it a million times: an army of workers is at your disposal. When they can be made cheaply, within perhaps a century, ems will displace humans in most jobs. In this new economic era, the world economy may double in size every few weeks. Some say we can't know the future, especially following such a disruptive new technology, but Professor Robin Hanson sets out to prove them wrong. Applying decades of expertise in physics, computer science, and economics, he uses standard theories to paint a detailed picture of a world dominated by ems. While human lives don't change greatly in the em era, em lives are as different from ours as our lives are from those of our farmer and forager ancestors. Ems make us question common assumptions of moral progress, because they reject many of the values we hold dear. Read about em mind speeds, body sizes, job training and career paths, energy use and cooling infrastructure, virtual reality, aging and retirement, death and immortality, security, wealth inequality, religion, teleportation, identity, cities, politics, law, war, status, friendship and love. This book shows you just how strange your descendants may be, though ems are no stranger than we would appear to our ancestors. To most ems, it seems good to be an em.

Shadowrun Howling Shadows Catalyst Game Labs 2016-07-20 Howling Shadows is a core rulebook for Shadowrun, Fifth Edition, with a wealth of dangerous creatures, sprits, artificial intelligence, and more to add variety and fun to Shadowrun games. The critters were designed with both players and GMs in mind - they can be added as a resource for players to use or obstacles to overcome. The critters also have plot hooks built in to fuel plenty of adventures and campaigns. With full color art, this book displays the bizarre and dangerous critters of the Sixth World in their full glory.

Collaborative Society Dariusz Jemielniak 2020-02-18 How networked technology enables the emergence of a new collaborative society. Humans are hard-wired for collaboration, and new technologies of communication act as a super-amplifier of our natural collaborative mindset. This volume in the MIT Press Essential Knowledge series examines the emergence of a new kind of social collaboration enabled by networked technologies. This new collaborative society

might be characterized as a series of services and startups that enable peer-to-peer exchanges and interactions though technology. Some believe that the economic aspects of the new collaboration have the potential to make society more equitable; others see collaborative communities based on sharing as a cover for social injustice and user exploitation. The book covers the “sharing economy,” and the hijacking of the term by corporations; different models of peer production, and motivations to participate; collaborative media production and consumption, the definitions of “amateur” and “professional,” and the power of memes; hactivism and social movements, including Anonymous and anti-ACTA protest; collaborative knowledge creation, including citizen science; collaborative self-tracking; and internet-mediated social relations, as seen in the use of Instagram, Snapchat, and Tinder. Finally, the book considers the future of these collaborative tendencies and the disruptions caused by fake news, bots, and other challenges.

Practising Comparison Joe Deville 2016-07-25 This book compares things, objects, concepts, and ideas. It is also about the practical acts of doing comparison. Comparison is not something that exists in the world, but a particular kind of activity. Agents of various kinds compare by placing things next to one another, by using software programs and other tools, and by simply looking in certain ways. Comparing like this is an everyday practice. But in the social sciences, comparing often becomes more burdensome, more complex, and more questions are asked of it. How, then, do social scientists compare? What role do funders, their tools, and databases play in social scientific comparisons? Which sorts of objects do they choose to compare and how do they decide which comparisons are meaningful? Doing comparison in the social sciences, it emerges, is a practice weighed down by a history in which comparison was seen as problematic. As it plays out in the present, this history encounters a range of other agents also involved in doing comparison who may challenge the comparisons of social scientists themselves. This book introduces these questions through a varied range of reports, auto-ethnographies, and theoretical interventions that compare and analyse these different and often intersecting comparisons. Its goal is to begin a move away from the critique of comparison and towards a better comparative practice, guided not by abstract principles, but a deeper understanding of the challenges of practising comparison.