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College Physics - Ron Hellings 2017-04-06

An algebra-based physics text designed for the first year, non-calculus college course. Although it covers the traditional topics in the traditional order, this book is very different from its often over-inflated competitors. This textbook is a ground-breaking iconoclast in this market, answering a clear demand from physics instructors for a clearer, shorter, more readable and less expensive introductory textbook.

Standard Deviations - Gary Smith 2014-07-31

Did you know that baseball players whose names begin with the letter “D” are more likely to die young? Or that Asian Americans are most susceptible to heart attacks on the fourth day of the month? Or that drinking a full pot of coffee every morning will add years to your life, but one cup a day increases the risk of pancreatic cancer? All of these “facts” have been argued with a straight face by credentialed researchers and backed up with reams of data and convincing statistics. As Nobel Prize-winning economist Ronald Coase once cynically observed, “If you torture data long enough, it will confess.” Lying with statistics is a time-honored con. In *Standard Deviations*, economics professor Gary Smith walks us through the various tricks and traps that people use to back up their own crackpot theories. Sometimes, the unscrupulous deliberately try to mislead us. Other times, the well-intentioned are blissfully unaware of the mischief they are committing. Today, data is so plentiful that researchers spend precious little time distinguishing between good, meaningful indicators and total rubbish. Not only do others use data to fool us, we fool ourselves. With the breakout success of Nate Silver’s *The Signal and the Noise*, the once humdrum subject of statistics has never been hotter. Drawing on breakthrough research in behavioral economics by luminaries like Daniel Kahneman and Dan Ariely and taking to task some of the conclusions of Freakonomics author Steven D. Levitt, *Standard Deviations* demystifies the science behind statistics and makes it easy to spot the fraud all around.

A Traveler's Guide to Spacetime - Thomas Andrew Moore 1995

This innovative, inexpensive supplement will add a special dimension to any general physics class, or advanced course in special relativity. Professor Moore has written a concise yet thorough introduction to topics in special relativity, developing concepts clearly and presenting them in an accessible manner.

The Oxford Handbook of Positive Psychology - Shane J. Lopez 2011-10-13

This book is the definitive text in the field of positive psychology, the scientific study of what makes people happy. The handbook's international slate of renowned authors summarizes and synthesizes lifetimes of research, together illustrating what has worked for people across time and cultures. Now in paperback, this second edition provides both the current literature in the field and an outlook on its future.

The Third Policeman - Flann O'Brien 1974

With the publication of *The Third Policeman*, Dalkey Archive Press now has all of O'Brien's fiction back in print.

Slow Art - Arden Reed 2017-06-27

Introduction : marking time -- What is slow art? (when images swell into events and events condense into images) -- Living pictures -- Before slow art -- Slow art emerges in modernity I : secularization from Diderot to Wilde -- Slow art emerges in modernity II : the great age of speed -- Slow fiction, film, video, performance, 1960 to 2010 -- Slow photography, painting, installation art, sculpture, 1960 to 2010 -- Angel and devil of slow art

An Introduction To Quantum Field Theory - Michael E. Peskin 2018-05-04

An Introduction to Quantum Field Theory is a textbook intended for the graduate physics course covering relativistic quantum mechanics, quantum electrodynamics, and Feynman diagrams. The authors make these subjects accessible through carefully worked examples illustrating the technical aspects of the subject, and intuitive explanations of what is going on behind the mathematics. After presenting the basics of quantum electrodynamics, the authors discuss the theory of renormalization and its relation to statistical mechanics, and introduce the renormalization group. This discussion sets the stage for a discussion of the physical principles that underlie the fundamental interactions of elementary particle physics and their description by gauge field theories.

Physics for Scientists and Engineers with Modern Physics, Technology Update - Raymond A. Serway 2015-01-01

Achieve success in your physics course by making the most of what PHYSICS FOR SCIENTISTS AND ENGINEERS has to offer. From a host of in-text features to a range of outstanding technology resources, you'll have everything you need to understand the natural forces and principles of physics. Throughout every chapter, the authors have built in a wide range of examples, exercises, and illustrations that will help you understand the laws of physics AND succeed in your course! Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Flatterland - Ian Stewart 2010-10-08

First there was Edwin A. Abbott's remarkable *Flatland*, published in 1884, and one of the all-time classics of popular mathematics. Now, from mathematician and accomplished science writer Ian Stewart, comes what Nature calls "a superb sequel." Through larger-than-life characters and an inspired story line, *Flatterland* explores our present understanding of the shape and origins of the universe, the nature of space, time, and matter, as well as modern geometries and their applications. The journey begins when our heroine, Victoria Line, comes upon her great-great-grandfather A. Square's diary, hidden in the attic. The writings help her to contact the Space Hopper, who tempts her away from her home and family in Flatland and becomes her guide and mentor through ten dimensions. In the tradition of *Alice in Wonderland* and *The Phantom Toll Booth*, this magnificent investigation into the nature of reality is destined to become a modern classic.

The Perfect Theory - Pedro G. Ferreira 2014-02-04

“One of the best popular accounts of how Einstein and his followers have been trying to explain the universe for decades” (Kirkus Reviews, starred review). Physicists have been exploring, debating, and questioning the general theory of relativity ever since Albert Einstein first presented it in 1915. This has driven their work to unveil the universe’s surprising secrets even further, and many believe more wonders remain hidden within the theory’s tangle of equations, waiting to be exposed. In this sweeping narrative of science and culture, an astrophysicist brings general relativity to life through the story of the brilliant physicists, mathematicians, and astronomers who have taken up its challenge. For these scientists, the theory has been both a treasure trove and an enigma. Einstein’s theory, which explains the relationships among gravity, space, and time, is possibly the most perfect intellectual achievement of modern physics—yet studying it has always been a controversial endeavor. Relativists were the target of persecution in Hitler’s Germany, hounded in Stalin’s Russia, and disdained in 1950s America. Even today, PhD students are warned that specializing in general relativity will make them unemployable. Still, general

relativity has flourished, delivering key insights into our understanding of the origin of time and the evolution of all the stars and galaxies in the cosmos. Its adherents have revealed what lies at the farthest reaches of the universe, shed light on the smallest scales of existence, and explained how the fabric of reality emerges. Dark matter, dark energy, black holes, and string theory are all progeny of Einstein's theory. In the midst of a momentous transformation in modern physics, as scientists look farther and more clearly into space than ever before, *The Perfect Theory* exposes the greater relevance of general relativity, showing us where it started, where it has led—and where it can still take us.

An Introduction to Thermal Physics - Daniel V. Schroeder 2021-01-05

This is a textbook for the standard undergraduate-level course in thermal physics. The book explores applications to engineering, chemistry, biology, geology, atmospheric science, astrophysics, cosmology, and everyday life.

Satan's Greatest Weapon Part III - Thomas Moore 2018-02-20

This book offers the biblical truths in examining and exposing the weapons and schemes of the evil one who perpetuates the lies and solidifies the ignorance in the minds of unsuspecting "Christians" concerning our Creator. The Word of God states: "When you know the Truth (embrace the Truth), the Truth will set you free." If you reject the Truth, you will remain in your bondage of ignorance! And ignorance is deadly!

Ends of Assimilation - John Alba Cutler 2015

Ends of Assimilation examines how Chicano literature imagines the conditions and costs of cultural change, arguing that its thematic preoccupation with assimilation illuminates the function of literature. John Alba Cutler shows how mid-century sociologists advanced a model of assimilation that ignored the interlinking of race, gender, and sexuality and characterized American culture as homogeneous, stable, and exceptional. He demonstrates how Chicano literary works from the postwar period to the present understand culture as dynamic and self-consciously promote literature as a medium for influencing the direction of cultural change. With original analyses of works by canonical and noncanonical writers—from Américo Paredes, Sandra Cisneros, and Jimmy Santiago Baca to Estela Portillo Trambley, Alfredo Véa, and Patricia Santana—*Ends of Assimilation* demands that we reevaluate assimilation, literature, and the very language we use to talk about culture.

Inner Paths to Outer Space - Rick Strassman 2008-03-27

An investigation into experiences of other realms of existence and contact with otherworldly beings • Examines how contact with alien life-forms can be obtained through the "inner space" dimensions of our minds • Presents evidence that other worlds experienced through consciousness-altering technologies are often as real as those perceived with our five senses • Correlates science fiction's imaginal realms with psychedelic research For thousands of years, voyagers of inner space—spiritual seekers, shamans, and psychoactive drug users—have returned from their inner imaginal travels reporting encounters with alien intelligences. *Inner Paths to Outer Space* presents an innovative examination of how we can reach these other dimensions of existence and contact otherworldly beings. Based on their more than 60 combined years of research into the function of the brain, the authors reveal how psychoactive substances such as DMT allow the brain to bypass our five basic senses to unlock a multidimensional realm of existence where otherworldly communication occurs. They contend that our centuries-old search for alien life-forms has been misdirected and that the alien worlds reflected in visionary science fiction actually mirror the inner space world of our minds. The authors show that these "alien" worlds encountered through altered states of human awareness, either through the use of psychedelics or other methods, possess a sense of reality as great as, or greater than, those of the ordinary awareness perceived by our five senses.

Modern Classical Mechanics - T. M. Helliwell 2020-12-10

Presents classical mechanics as a thriving field with strong connections to modern physics, with numerous worked examples and homework problems.

Scholarship Reconsidered - Ernest L. Boyer 2015-10-06

Shifting faculty roles in a changing landscape Ernest L. Boyer's landmark book *Scholarship Reconsidered: Priorities of the Professoriate* challenged the publish-or-perish status quo that dominated the academic landscape for generations. His powerful and enduring argument for a new approach to faculty roles and rewards continues to play a significant part of the national conversation on scholarship in the academy.

Though steeped in tradition, the role of faculty in the academic world has shifted significantly in recent decades. The rise of the non-tenure-track class of professors is well documented. If the historic rule of promotion and tenure is waning, what role can scholarship play in a fragmented, unbundled academy? Boyer offers a still much-needed approach. He calls for a broadened view of scholarship, audaciously refocusing its gaze from the tenure file and to a wider community. This expanded edition offers, in addition to the original text, a critical introduction that explores the impact of Boyer's views, a call to action for applying Boyer's message to the changing nature of faculty work, and a discussion guide to help readers start a new conversation about how *Scholarship Reconsidered* applies today.

The Oxford Handbook of Dance and Ethnicity - Anthony Shay 2016-04-20

Dance intersects with ethnicity in a powerful variety of ways and at a broad set of venues. Dance practices and attitudes about ethnicity have sometimes been the source of outright discord, as when African Americans were - and sometimes still are - told that their bodies are 'not right' for ballet, when Anglo Americans painted their faces black to perform in minstrel shows, when 19th century Christian missionaries banned the performance of particular native dance traditions throughout much of Polynesia, and when the Spanish conquistadors and church officials banned sacred Aztec dance rituals. More recently, dance performances became a locus of ethnic disunity in the former Yugoslavia as the Serbs of Bosnia attended dance concerts but only applauded for the Serbian dances, presaging the violent disintegration of that failed state. *The Oxford Handbook of Dance and Ethnicity* brings together scholars from across the globe in an investigation of what it means to define oneself in an ethnic category and how this category is performed and represented by dance as an ethnicity. Newly-commissioned for the volume, the chapters of the book place a reflective lens on dance and its context to examine the role of dance as performed embodiment of the historical moments and associated lived identities. In bringing modern dance and ballet into the conversation alongside forms more often considered ethnic, the chapters ask the reader to contemplate previous categories of folk, ethnic, classical, and modern. From this standpoint, the book considers how dance maintains, challenges, resists or in some cases evolves new forms of identity based on prior categories. Ultimately, the goal of the book is to acknowledge the depth of research that has been undertaken and to promote continued research and conceptualization of dance and its role in the creation of ethnicity. Dance and ethnicity is an increasingly active area of scholarly inquiry in dance studies and ethnomusicology alike and the need is great for serious scholarship to shape the contours of these debates. *The Oxford Handbook of Dance and Ethnicity* provides an authoritative and up-to-date survey of original research from leading experts which will set the tone for future scholarly conversation.

Jonas and Kovner's Health Care Delivery in the United States - 2014-05-14

How do we understand and also assess the health care of America? Where is health care provided? What are the characteristics of those institutions which provide it? Over the short term, how are changes in health care provisions affecting the health of the population, the cost of care, and access to care?. *Health Care Delivery in the United States*, now in a thoroughly updated and revised 9th edition, discusses these and other core issues in the field. Under the editorship of Dr. Kovner and with the addition of Dr. James Knickman, Senior VP of Evaluation, Robert Wood Johnson Foundation, leading thinkers and practitioners in the field examine how medical knowledge creates new healthcare services. Emerging and recurrent issues from wide perspectives of health policy and public health are also discussed. With an easy to understand format and a focus on the major core challenges of the delivery of health care, this is the textbook of choice for course work in health care, the reference for administrators and policy makers, and the standard for in-service training programs.;chapter

The Significance of Religious Experience - Howard Wettstein 2014-11-12

In this volume of essays, Howard Wettstein explores the foundations of religious commitment. His orientation is broadly naturalistic, but not in the mode of reductionism or eliminativism. This collection explores questions of broad religious interest, but does so through a focus on the author's religious tradition, Judaism. Among the issues explored are the nature and role of awe, ritual, doctrine, religious experience; the distinction between belief and faith; problems of evil and suffering with special attention to the Book of Job and to the Akedah, the biblical story of the binding of Isaac; the virtue of forgiveness. One of the book's highlights is its literary (as opposed to philosophical) approach to theology that at the same

time makes room for philosophical exploration of religion. Another is Wettstein's rejection of the usual picture that sees religious life as sitting atop a distinctive metaphysical foundation, one that stands in need of epistemological justification.

Special Relativity - Thomas M. Helliwell 2010

"Special Relativity is a superb text for students to begin or continue a serious study of physics. Describing the most accessible of the 20th-century revolutions, it also illustrates the fact that nature is stranger than one imagines. The book evolved through years of teaching a highly-successful course to thousands of first-year students in science and engineering. It is appropriate as part of an introductory physics course, as a supplement to a "modern physics" course, as a text for a special topics or advanced placement course, or even as a supplement in an advanced undergraduate course. Numerous illustrations, examples, and problems are presented throughout, with the concise mathematical description postponed until after the reader has built up some physical intuition for what is going on. The book contains many applications, from particle decays, colliding-beam experiments and photon rockets to a brief introduction to relativistic gravitation, including the Principle of Equivalence, the effect of altitude on clocks, and the Global Positioning System. Ten appendices can be taken up as interest and time allow, including The "Cosmic Speed Limit." The book is a serious introduction, praised for its clarity, accessibility, and informal, light-hearted style."--pub. desc.

100 Years of Math Milestones: The Pi Mu Epsilon Centennial Collection - Stephan Ramon Garcia 2019-06-13

This book is an outgrowth of a collection of 100 problems chosen to celebrate the 100th anniversary of the undergraduate math honor society Pi Mu Epsilon. Each chapter describes a problem or event, the progress made, and connections to entries from other years or other parts of mathematics. In places, some knowledge of analysis or algebra, number theory or probability will be helpful. Put together, these problems will be appealing and accessible to energetic and enthusiastic math majors and aficionados of all stripes. Stephan Ramon Garcia is WM Keck Distinguished Service Professor and professor of mathematics at Pomona College. He is the author of four books and over eighty research articles in operator theory, complex analysis, matrix analysis, number theory, discrete geometry, and other fields. He has coauthored dozens of articles with students, including one that appeared in *The Best Writing on Mathematics: 2015*. He is on the editorial boards of *Notices of the AMS*, *Proceedings of the AMS*, *American Mathematical Monthly*, *Involve*, and *Annals of Functional Analysis*. He received four NSF research grants as principal investigator and five teaching awards from three different institutions. He is a fellow of the American Mathematical Society and was the inaugural recipient of the Society's Dolciani Prize for Excellence in Research. Steven J. Miller is professor of mathematics at Williams College and a visiting assistant professor at Carnegie Mellon University. He has published five books and over one hundred research papers, most with students, in accounting, computer science, economics, geophysics, marketing, mathematics, operations research, physics, sabermetrics, and statistics. He has served on numerous editorial boards, including the *Journal of Number Theory*, *Notices of the AMS*, and the *Pi Mu Epsilon Journal*. He is active in enrichment and supplemental curricular initiatives for elementary and secondary mathematics, from the Teachers as Scholars Program and VCTAL (Value of Computational Thinking Across Grade Levels), to numerous math camps (the Eureka Program, HCSSiM, the Mathematics League International Summer Program, PROMYS, and the Ross Program). He is a fellow of the American Mathematical Society, an at-large senator for Phi Beta Kappa, and a member of the Mount Greylock Regional School Committee, where he sees firsthand the challenges of applying mathematics.

General Relativity - Robert M. Wald 2010-05-15

"Wald's book is clearly the first textbook on general relativity with a totally modern point of view; and it succeeds very well where others are only partially successful. The book includes full discussions of many problems of current interest which are not treated in any extant book, and all these matters are considered with perception and understanding."—S. Chandrasekhar "A tour de force: lucid, straightforward, mathematically rigorous, exacting in the analysis of the theory in its physical aspect."—L. P. Hughston, *Times Higher Education Supplement* "Truly excellent. . . . A sophisticated text of manageable size that will probably be read by every student of relativity, astrophysics, and field theory for years to come."—James W.

York, *Physics Today*

A General Relativity Workbook - Thomas A. Moore 2012-09-17

General relativity, which lies at the heart of contemporary physics, has recently become the focus of a number of lively theoretical, experimental, and computational research programs. As a result, undergraduates have become increasingly excited to learn about the subject. A General Relativity Workbook is a textbook intended to support a one-semester upper division undergraduate course on general relativity. Through its unique workbook-based design, it enables students to develop a solid mastery of both the physics and the supporting tensor calculus by pushing (and guiding) them to work through the implications. Each chapter, which is designed to correspond to one class session, involves a short overview of the concepts without obscuring derivations or details, followed by a series of boxes that guide students through the process of working things out for themselves. This active-learning approach enables students to develop a more secure mastery of the material than more traditional approaches. More than 350 homework problems support further learning. This book more strongly emphasizes the physics than many of its competitors, and while it provides students a full grounding in the supporting mathematics (unlike certain other competitors), it introduces the mathematics gradually and in a completely physical context.

Six Ideas That Shaped Physics: Unit Q - Particles Behaves Like Waves - Thomas A Moore 2003-01-09

SIX IDEAS THAT SHAPED PHYSICS is the 21st century's alternative to traditional, encyclopedic textbooks. Thomas Moore designed SIX IDEAS to teach students: --to apply basic physical principles to realistic situations --to solve realistic problems --to resolve contradictions between their preconceptions and the laws of physics --to organize the ideas of physics into an integrated hierarchy

Blasphemy - Douglas Preston 2008-01-08

In Douglas Preston's *Blasphemy*, the world's biggest supercollider, locked in an Arizona mountain, was built to reveal the secrets of the very moment of creation: the Big Bang itself. The Torus is the most expensive machine ever created by humankind, run by the world's most powerful supercomputer. It is the brainchild of Nobel Laureate William North Hazelius. Will the Torus divulge the mysteries of the creation of the universe? Or will it, as some predict, suck the earth into a mini black hole? Or is the Torus a Satanic attempt, as a powerful televangelist decries, to challenge God Almighty on the very throne of Heaven? Twelve scientists under the leadership of Hazelius are sent to the remote mountain to turn it on, and what they discover must be hidden from the world at all costs. Wyman Ford, ex-monk and CIA operative, is tapped to wrest their secret, a secret that will either destroy the world...or save it. The countdown begins... At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

Relativity, Gravitation and Cosmology - Ta-Pei Cheng 2010

An introduction to Einstein's general theory of relativity, this work is structured so that interesting applications, such as gravitational lensing, black holes and cosmology, can be presented without the readers having to first learn the difficult mathematics of tensor calculus.

The Phantom Pattern Problem - Gary Smith 2020-08-18

Patterns in data are often used as evidence, but how can you tell if that evidence is worth believing? The Phantom Pattern Problem helps readers avoid being duped by data, tricked into worthless investing strategies, or scared out of getting vaccinations. Becoming a sceptical consumer of data is important in this age of Big Data.

A Global Warming Primer - Jeffrey Bennett 2016-09-01

Is human-induced global warming a real threat to our future? Most people will express an opinion on this question, but relatively few can back their opinions with solid evidence. Many times we've even heard pundits say "I am not a scientist" to avoid the issue altogether. But the truth is, the basic science is not that difficult. Using a question and answer format, this book will help readers achieve three major goals: To see that anyone can understand the basic science of global warming; To understand the arguments about this issue made by skeptics, so that readers will be able to decide for themselves what to believe; To understand why, despite the "gloom and doom" that often surrounds this topic, the solutions are ones that will not only protect the world for our children and grandchildren, but that will actually lead us to a stronger economy

with energy that is cheaper, cleaner, and more abundant than the energy we use today.

The Pomona College Quarterly Magazine - 1923

Fate, Time, and Language - David Foster Wallace 2011

In 1962, the philosopher Richard Taylor used six commonly accepted presuppositions to imply that human beings have no control over the future. David Foster Wallace not only took issue with Taylor's methods, but also noted a semantic trick at the heart of Taylor's argument. *Fate, Time, and Language* presents Wallace's critique of Taylor's work. Wallace's thesis reveals his great skepticism of abstract thinking made to function as a negation of something more genuine and real. He was especially suspicious of the cerebral aestheticism of modernism and the clever gimmickry of postmodernism, which abandoned "the very old traditional human verities that have to do with spirituality and emotion and community." As Wallace rises to meet the challenge to free will presented by Taylor, we witness the developing perspective of this major novelist and his struggle to establish logical ground for his convictions. This volume, edited by Steven M. Cahn and Maureen Eckert, reproduces Taylor's original article and other works on fatalism cited by Wallace. James Ryerson's introduction connects Wallace's early philosophical work to the themes and explorations of his later fiction, and Jay Garfield supplies a critical biographical epilogue.

History without Chronology - Stefan Tanaka 2019-01-01

Although numerous disciplines recognize multiple ways of conceptualizing time, Stefan Tanaka argues that scholars still overwhelmingly operate on chronological and linear Newtonian or classical time that emerged during the Enlightenment. This short, approachable book implores the humanities and humanistic social sciences to actively embrace the richness of different times that are evident in non-modern societies and have become common in several scientific fields throughout the twentieth century. Tanaka first offers a history of chronology by showing how the social structures built on clocks and calendars gained material expression. Tanaka then proposes that we can move away from this chronology by considering how contemporary scientific understandings of time might be adapted to reconceive the present and pasts. This opens up a conversation that allows for the possibility of other ways to know about and re-present pasts. A multiplicity of times will help us broaden the historical horizon by embracing the heterogeneity of our lives and world via rethinking the complex interaction between stability, repetition, and change. This history without chronology also allows for incorporating the affordances of digital media.

Conceptual Engineering and Conceptual Ethics - Alexis Burgess 2020

Conceptual engineering is a newly flourishing branch of philosophy which investigates problems with our concepts and considers how they might be ameliorated: 'truth', for instance, is susceptible to paradox, and it's not clear what 'race' stands for. This is the first collective exploration of possibilities and problems of conceptual engineering.

The Story of Evolution in 25 Discoveries - Donald R. Prothero 2020-12-22

The theory of evolution unites the past, present, and future of living things. It puts humanity's place in the universe into necessary perspective. Despite a history of controversy, the evidence for evolution continues to accumulate as a result of many separate strands of amazing scientific sleuthing. In *The Story of Evolution in 25 Discoveries*, Donald R. Prothero explores the most fascinating breakthroughs in piecing together the evidence for evolution. In twenty-five vignettes, he recounts the dramatic stories of the people who made crucial discoveries, placing each moment in the context of what it represented for the progress of science. He tackles topics like what it means to see evolution in action and what the many transitional fossils show us about evolution, following figures from Darwin to lesser-known researchers as they unlock the mysteries of the fossil record, the earth, and the universe. The book also features the stories of animal species strange and familiar, including humans—and our ties to some of our closest relatives and more distant cousins. Prothero's wide-ranging tales showcase awe-inspiring and bizarre aspects of nature and the powerful insights they give us into the way that life works. Brisk and entertaining while firmly grounded in fundamental science, *The Story of Evolution in 25 Discoveries* is a captivating read for anyone curious about the evidence for evolution and what it means for humanity.

Greening the Academy - Samuel Fassbinder 2012-12-30

This is the academic Age of the Neoliberal Arts. Campuses—as places characterized by democratic debate

and controversy, wide ranges of opinion typical of vibrant public spheres, and service to the larger society—are everywhere being creatively destroyed in order to accord with market and military models befitting the academic-industrial complex. While it has become increasingly clear that facilitating the sustainability movement is the great 21st century educational challenge at hand, this book asserts that it is both a dangerous and criminal development today that sustainability in higher education has come to be defined by the complex-friendly “green campus” initiatives of science, technology, engineering and management programs. By contrast, *Greening the Academy: Ecopedagogy Through the Liberal Arts* takes the standpoints of those working for environmental and ecological justice in order to critique the unsustainable disciplinary limitations within the humanities and social sciences, as well as provide tactical reconstructive openings toward an empowered liberal arts for sustainability. *Greening the Academy* thus hopes to speak back with a collective demand that sustainability education be defined as a critical and moral vocation comprised of the diverse types of humanistic study that will benefit the well-being of our emerging planetary community and its numerous common locales.

Physics for Scientists and Engineers, Volume 2 - Raymond A. Serway 2013-01-01

Achieve success in your physics course by making the most of what PHYSICS FOR SCIENTISTS AND ENGINEERS has to offer. From a host of in-text features to a range of outstanding technology resources, you'll have everything you need to understand the natural forces and principles of physics. Throughout every chapter, the authors have built in a wide range of examples, exercises, and illustrations that will help you understand the laws of physics AND succeed in your course! Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

CPO Focus on Physical Science - CPO Science (Firm) 2007

Expanded Cinema - Gene Youngblood 2020-03-03

Fiftieth anniversary reissue of the founding media studies book that helped establish media art as a cultural category. First published in 1970, Gene Youngblood's influential *Expanded Cinema* was the first serious treatment of video, computers, and holography as cinematic technologies. Long considered the bible for media artists, Youngblood's insider account of 1960s counterculture and the birth of cybernetics remains a mainstay reference in today's hypermediated digital world. This fiftieth anniversary edition includes a new Introduction by the author that offers conceptual tools for understanding the sociocultural and sociopolitical realities of our present world. A unique eyewitness account of burgeoning experimental film and the birth of video art in the late 1960s, this far-ranging study traces the evolution of cinematic language to the end of fiction, drama, and realism. Vast in scope, its prescient formulations include “the paleocybernetic age,” “intermedia,” the “artist as design scientist,” the “artist as ecologist,” “synaesthetics and kinesthetics,” and “the technosphere: man/machine symbiosis.” Outstanding works are analyzed in detail. Methods of production are meticulously described, including interviews with artists and technologists of the period, such as Nam June Paik, Jordan Belson, Andy Warhol, Stan Brakhage, Carolee Schneemann, Stan VanDerBeek, Les Levine, and Frank Gillette. An inspiring Introduction by the celebrated polymath and designer R. Buckminster Fuller—a perfectly cut gem of countercultural thinking in itself—places Youngblood's radical observations in comprehensive perspective. Providing an unparalleled historical documentation, *Expanded Cinema* clarifies a chapter of countercultural history that is still not fully represented in the arthistorical record half a century later. The book will also inspire the current generation of artists working in ever-newer expansions of the cinematic environment and will prove invaluable to all who are concerned with the technologies that are reshaping the nature of human communication.

Testimonios: Stories of Latinx and Hispanic Mathematicians - Pamela E. Harris 2021-08-16

Testimonios brings together first-person narratives from the vibrant, diverse, and complex Latinx and Hispanic mathematical community. Starting with childhood and family, the authors recount their own individual stories, highlighting their upbringing, education, and career paths. Their particular stories, told in their own voices, from their own perspectives, give visibility to some of the experiences of Latinx/Hispanic mathematicians. *Testimonios* seeks to inspire the next generation of Latinx and Hispanic mathematicians by featuring the stories of people like them, holding a mirror up to our own community. It

also aims to provide a window for mathematicians (and aspiring mathematicians) from all ethnicities, with the hope of inspiring a better understanding of the diversity of the mathematical community.

The Media Book - Chris Newbold 2002

The Media Book provides today's students with a comprehensive foundation for the study of the modern media. It has been systematically compiled to map the field in a way which corresponds to the curricular organization of the field around the globe, providing a complete resource for students in their third year to graduate level courses in the U.S.

The Oxford Handbook of Music Revival - Caroline Bithell 2014

Revivals - movements that revitalize, resuscitate, or re-indigenize traditions perceived as threatened or moribund into new temporal, spatial, or cultural contexts - have been well-documented in Western Europe and Euro-North America. Less documented are the revival processes that have been occurring and recurring elsewhere in the world. And particularly under-analyzed are the aftermaths of revivals: the new infrastructures, musical styles, performance practices, subcultural communities, and value systems that have grown out of revival movements. The Oxford Handbook of Music Revival helps us achieve a deeper

understanding of the role and development of traditional, folk, roots, world, classical, and early music in modern-day postindustrial, postcolonial, and postwar contexts. The book's thirty chapters present innovative theoretical perspectives illustrated through new ethnographic case studies on diverse music cultures around the world. Together these essays reveal the potency of acts of revival, resurgence, restoration, and renewal in shaping musical landscapes and transforming social experience. The contributors present research from Euro-America, Native America, Latin America and the Caribbean, Africa, Europe, the former Soviet bloc, Asia, Australia, and the Pacific. They enrich the field by applying approaches and insights from across the disciplines of ethnomusicology, ethnochoreology, historical musicology, folklore studies, anthropology, ethnology, sociology, and cultural studies. The book makes a powerful argument for the untapped potential of revival as a productive analytical tool in contemporary, global contexts-one that is crucial for understanding manifestations of musical heritage in postmodern, cosmopolitan societies. With its detailed treatment of authenticity, recontextualization, transmission, institutionalization, globalization, and other key concerns, the collection makes a significant impact far beyond the field of revival studies and is crucial for understanding contemporary manifestations of folk, traditional, and heritage music in today's postmodern cosmopolitan societies.