

The Ghost In The Atom A Discussion Of The Mysteries Of Quantum Physics Reprint

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This Atom Bomb in Me - Lindsey A. Freeman 2019-02-12

This Atom Bomb in Me traces what it felt like to grow up suffused with American nuclear culture in and around the atomic city of Oak Ridge, Tennessee. As a secret city during the Manhattan Project, Oak Ridge enriched the uranium that powered Little Boy, the bomb that destroyed Hiroshima. The city was a major nuclear production site throughout the Cold War, adding something to each and every bomb in the United States arsenal. Even today, Oak Ridge contains the world's largest supply of fissionable uranium. The granddaughter of an atomic courier, Lindsey A. Freeman turns a critical yet nostalgic eye to the place where her family was sent as part of a covert government plan. Theirs was a city devoted to nuclear science within a larger America obsessed with its nuclear prowess. Through memories, mysterious photographs, and uncanny childhood toys, she shows how Reagan-era politics and nuclear culture irradiated the late twentieth century. Alternately tender and alarming, her book takes a Geiger counter to recent history, reading the half-life of the atomic past as it resonates in our tense nuclear present.

Rain of the Ghosts - Greg Weisman 2013-12-03

Rain of the Ghosts is the first in Greg Weisman's series about an adventurous young girl, Rain Cacique, who discovers she has a mystery to solve, a mission to complete and, oh, yes, the ability to see ghosts. Welcome to the Prospero Keys (or as the locals call them: the Ghost Keys), a beautiful chain of tropical islands on the edge of the Bermuda Triangle. Rain Cacique is water-skiing with her two best friends Charlie and Miranda when Rain sees her father waiting for her at the dock. Sebastian Bohique, her maternal grandfather, has passed away. He was the only person who ever made Rain feel special. The only one who believed she could do something important with her life. The only thing she has left to remember him by is the armband he used to wear: two gold snakes intertwined, clasping each other's tails in their mouths. Only the armband . . . and the gift it brings: Rain can see dead people. Starting with the Dark Man: a ghost determined to reveal the Ghost Keys' hidden world of mystery and mysticism, intrigue and adventure.

The Atom in the History of Human Thought - Bernard Pullman 2001

The concept of the atom is very close to scientific bedrock, the deepest and most fundamental fact about the nature of reality. This book presents the whole panorama of the atomic hypothesis, and its place in Western civilization, from its origins in early Greek philosophy 2,500 years ago to the definitive proof through to direct microscopic imaging of atoms, about ten years ago.

Encyclopedia of Literature and Science - Albert Gossin 2002

This reference defines the rapidly emerging interdisciplinary field of literature and science. An introductory essay traces the history of the field, its growing reputation, and the current state of research. Broad in scope, the volume covers world literature from its beginnings to the present day and illuminates the role of science in literature and literary studies. This volume includes over 650 A-Z entries on: topics and themes, significant writers and scientists, key works, and important theories and methodologies.

The Science of Interstellar - Kip Thorne 2014-11-07

A journey through the otherworldly science behind Christopher Nolan's award-winning film, Interstellar, from executive producer and Nobel Prize-winning physicist Kip Thorne. Interstellar, from acclaimed filmmaker Christopher Nolan, takes us on a fantastic voyage far beyond our solar system. Yet in The Science of Interstellar, Kip Thorne, the Nobel prize-winning physicist who assisted Nolan on the scientific aspects of Interstellar, shows us that the movie's jaw-dropping events and stunning, never-before-

attempted visuals are grounded in real science. Thorne shares his experiences working as the science adviser on the film and then moves on to the science itself. In chapters on wormholes, black holes, interstellar travel, and much more, Thorne's scientific insights—many of them triggered during the actual scripting and shooting of Interstellar—describe the physical laws that govern our universe and the truly astounding phenomena that those laws make possible. Interstellar and all related characters and elements are trademarks of and © Warner Bros. Entertainment Inc. (s14).

Poststructuralism & International Relations - Jenny Edkins 1999

Offering an introduction to the major poststructuralist thinkers, this text shows how Foucault, Derrida, Lacan and Zizek expose the depoliticization found in conventional international relations theory. poststructuralists are concerned with the big questions of international politics: it is precisely their work that analyzes the political and explains the processes of depoliticization and technologization.

Image And Brain - Stephen M. Kosslyn 1996-08-26

This long-awaited work by prominent Harvard psychologist Stephen Kosslyn integrates a twenty-year research program on the nature of high-level vision and mental imagery. Image and Brain marshals insights and empirical results from computer vision, neuroscience, and cognitive science to develop a general theory of visual mental imagery, its relation to visual perception, and its implementation in the human brain. It offers a definitive resolution to the long-standing debate about the nature of the internal representation of visual mental imagery. Kosslyn reviews evidence that perception and representation are inextricably linked, and goes on to show how "quasi-pictorial" events in the brain are generated, interpreted, and used in cognition. The theory is tested with brain-scanning techniques that provide stronger evidence than has been possible in the past. Known for his work in high-level vision, one of the most empirically successful areas of experimental psychology, Kosslyn uses a highly interdisciplinary approach. He reviews and integrates an extensive amount of literature in a coherent presentation, and reports a wide range of new findings using a host of techniques. A Bradford Book

Science and the Quest for Reality - Alfred I. Tauber 2016-07-27

Science and the Quest for Reality is an interdisciplinary anthology that situates contemporary science within its complex philosophical, historical, and sociological contexts. The anthology is divided between, firstly, characterizing science as an intellectual activity and, secondly, defining its social role. The philosophical and historical vicissitudes of science's truth claims has raised profound questions concerning the role of science in society beyond its technological innovations. The deeper philosophical issues thus complement the critical inquiry concerning the broader social and ethical influence of contemporary science. In the tradition of the 'Main Trends of the Modern World' series, this volume includes both classical and contemporary works on the subject.

The Frontiers of Science & Faith - John Jefferson Davis 2002-01-01

"What happens when new scientific research meets traditional Christian doctrines? How does the big bang theory fit with Genesis 1:1? What does quantum mechanics have to do with the doctrines of predestination and the omniscience of God? How does the anthropic principle square with a biblical notion of a designed and purposeful universe? What are the implications of the doctrine of redemption in Jesus Christ for the search for extraterrestrial intelligence?" "Addressing these and other questions, John Jefferson Davis brings together a well-informed understanding of current scientific issues with Christian teaching. He

demonstrates that the meeting of the frontiers of science with the frontiers of faith calls for a proper relationship with the God of the universe and a humility that acknowledges the fundamental limits of human knowledge."--BOOK JACKET.Title Summary field provided by Blackwell North America, Inc. All Rights Reserved

The Implications of Determinism - Roy Weatherford 2017-07-14

The problem of determinism arises in all the major areas of philosophy. The first part of this book, first published in 1991, is a critical and historical exposition of the problem and the most important ideas and arguments which have arisen over the many years of debate. The second part considers the various forms of determinism and the implications that they engender.

The Languages of Psyche - G. S. Rousseau 1990

"The Languages of Psyche illuminates principal aspects of eighteenth-century medicine and literature and shows how evolving patterns of thought established continuities that helped shape nineteenth- and twentieth-century conceptions of the mental anatomy. Specialists in the history of ideas, including the history of medical psychology, philosophy, political science, and literature and the arts, should welcome its publication."—Gloria Sybil Gross, California State University, Northridge "This is a splendid anthology, which I read with unflagging interest. . . . The editor has managed an eclecticism that works. It produces rich and fascinating variety rather than chaos."—Henry Abelove, Wesleyan University "A very impressive set of essays dealing with an important topic in eighteenth-century thought . . . written by some of the leading scholars in social history, history of science and medicine, and literary studies."—John Yolton, Rutgers University

The American Spiritual Culture - William Dean 2006-08-22

In this book, now in paperback, William Dean describes the spiritual culture that is grounded in the emerging American story.

Science and Religion: Fifty Years After Vatican II - Kenan Osborne OFM 2014-01-31

In the past one hundred years, two major realities have changed both science and religion. The world of science has been enriched by quantum physics, the computation of the age of the universe, archaeological data in the Middle East, and a scientific stress on historical writing. The world of religion has been enriched by the establishment of the World Council of Churches and the Second Vatican Council. In the past fifty years, major scientists and major religious leaders have met together again and again. In the past fifty years, religious leaders from Christianity, Islam, and Judaism have held a number of thought-provoking conferences. In this volume, these gatherings are reviewed and evaluated. Two major religious problems have challenged the science-religion discussions, namely, which God should the scientists agree on, the Trinitarian God, Allah, or Yahweh? Which history of the universe sponsored by these three religions should scientists be looking for? This volume raises questions and suggests some preliminary forms of serious discussion.

New Scientist - 1987-04-02

New Scientist magazine was launched in 1956 "for all those men and women who are interested in scientific discovery, and in its industrial, commercial and social consequences". The brand's mission is no different today - for its consumers, New Scientist reports, explores and interprets the results of human endeavour set in the context of society and culture.

Essentials of Computational Chemistry - Christopher J. Cramer 2013-04-29

Essentials of Computational Chemistry provides a balanced introduction to this dynamic subject. Suitable for both experimentalists and theorists, a wide range of samples and applications are included drawn from all key areas. The book carefully leads the reader thorough the necessary equations providing information explanations and reasoning where necessary and firmly placing each equation in context.

Life Contemplative, Life Practical - Helena Eilstein 1997

Quantum Reality - Jim Baggott 2020-06-25

Quantum mechanics is an extraordinarily successful scientific theory. It is also completely mad. Although the theory quite obviously works, it leaves us chasing ghosts and phantoms; particles that are waves and waves that are particles; cats that are at once both alive and dead; and lots of seemingly spooky goings-on.

But if we're prepared to be a little more specific about what we mean when we talk about 'reality' and a little more circumspect in the way we think a scientific theory might represent such a reality, then all the mystery goes away. This shows that the choice we face is actually a philosophical one. Here, Jim Baggott provides a quick but comprehensive introduction to quantum mechanics for the general reader, and explains what makes this theory so very different from the rest. He also explores the processes involved in developing scientific theories and explains how these lead to different philosophical positions, essential if we are to understand the nature of the great debate between Niels Bohr and Albert Einstein. Moving forwards, Baggott then provides a comprehensive guide to attempts to determine what the theory actually means, from the Copenhagen interpretation to many worlds and the multiverse. Richard Feynman once declared that 'nobody understands quantum mechanics'. This book will tell you why.

The Triumph of Uncertainty - Alfred I. Tauber 2022-08-09

Tauber, a leading figure in history and philosophy of science, offers a unique autobiographical overview of how science as a discipline of thought has been characterized by philosophers and historians over the past century. He frames his account through science's - and his own personal - quest for explanatory certainty. During the 20th century, that goal was displaced by the probabilistic epistemologies required to characterize complex systems, whether in physics, biology, economics, or the social sciences. This "triumph of uncertainty" is the inevitable outcome of irreducible chance and indeterminate causality. And beyond these epistemological limits, the interpretative faculties of the individual scientist (what Michael Polanyi called the "personal" and the "tacit") invariably affects how data are understood. Whereas positivism had claimed radical objectivity, post-positivists have identified how a web of non-epistemic values and social forces profoundly influence the production of knowledge. Tauber presents a case study of these claims by showing how immunology has incorporated extra-curricular social elements in its theoretical development and how these in turn have influenced interpretive problems swirling around biological identity, individuality, and cognition. The correspondence between contemporary immunology and cultural notions of selfhood are strong and striking. Just as uncertainty haunts science, so too does it hover over current constructions of personal identity, self knowledge, and moral agency. Across the chasm of uncertainty, science and selfhood speak.

The Ghost in the Atom - P. C. W. Davies 1993-07-30

In this book, which has its origin in a series of radio broadcasts, Paul Davies interviews eight physicists involved in debating and testing quantum theory, with radically different views of its significance.

Boojums All the Way Through - N. David Mermin 1990-03-15

Boojums All the Way Through is a collection of essays that deals in a variety of ways with the problem of communicating modern physics to both physicists and non-physicists. The author is Professor David Mermin, a well-known theoretical physicist, who recently won the first Julius Edgar Lileinfeld prize of the American Physical Society 'for his remarkable clarity and wit as a lecturer to nonspecialists on difficult subjects'. David Mermin's wry humour is clearly apparent in most of these articles, but even those that are more serious are characterized by a liveliness and commitment to finding startlingly simple ways of presenting ideas that are traditionally regarded as complex. This book will appeal to physicists at all levels, to mathematicians, scientists and engineers, and indeed to anyone who enjoys reading non-technical accounts of new ways of looking at modern science.

Quantum Enigma - Bruce Rosenblum 2011-08-01

In trying to understand the atom, physicists built quantum mechanics, the most successful theory in science and the basis of one-third of our economy. They found, to their embarrassment, that with their theory, physics encounters consciousness. Authors Bruce Rosenblum and Fred Kuttner explain all this in non-technical terms with help from some fanciful stories and anecdotes about the theory's developers. They present the quantum mystery honestly, emphasizing what is and what is not speculation. Quantum Enigma's description of the experimental quantum facts, and the quantum theory explaining them, is undisputed. Interpreting what it all means, however, is heatedly controversial. But every interpretation of quantum physics involves consciousness. Rosenblum and Kuttner therefore turn to exploring consciousness itself--and encounter quantum mechanics. Free will and anthropic principles become crucial issues, and the connection of consciousness with the cosmos suggested by some leading quantum cosmologists is mind-

blowing. Readers are brought to a boundary where the particular expertise of physicists is no longer the only sure guide. They will find, instead, the facts and hints provided by quantum mechanics and the ability to speculate for themselves. In the few decades since the Bell's theorem experiments established the existence of entanglement (Einstein's "spooky action"), interest in the foundations, and the mysteries, of quantum mechanics has accelerated. In recent years, physicists, philosophers, computer engineers, and even biologists have expanded our realization of the significance of quantum phenomena. This second edition includes such advances. The authors have also drawn on many responses from readers and instructors to improve the clarity of the book's explanations.

Films from the Future - Andrew Maynard 2018-11-15

"Deftly shows how a seemingly frivolous film genre can guide us in shaping tomorrow's world." —Seth Shostak, senior astronomer, SETI Institute Artificial intelligence, gene manipulation, cloning, and interplanetary travel are all ideas that seemed like fairy tales but a few years ago. And now their possibilities are very much here. But are we ready to handle these advances? This book, by a physicist and expert on responsible technology development, reveals how science fiction movies can help us think about and prepare for the social consequences of technologies we don't yet have, but that are coming faster than we imagine. *Films from the Future* looks at twelve movies that take us on a journey through the worlds of biological and genetic manipulation, human enhancement, cyber technologies, and nanotechnology. Readers will gain a broader understanding of the complex relationship between science and society. The movies mix old and new, and the familiar and unfamiliar, to provide a unique, entertaining, and ultimately transformative take on the power of emerging technologies, and the responsibilities they come with.

Earth System Analysis - Hans-Joachim Schellnhuber 2012-12-06

Since this new science is of an unprecedented interdisciplinary nature, the book does not merely take stock of its numerous ingredients, but also delivers their multifaceted integration. The resulting master paradigm - the co-evolution of nature and anthroposphere within a geo-cybernetic continuum of processes - is based on a structured manifold of partial paradigms with their specific ranges. Most importantly, this serves the scientific foundation of a meaningful, safe and efficient environment and development management for solving the most burning questions concerning humankind and its natural environment. The more concrete elucidation of the natural and human dimensions, as well as various attempts and instruments of integration are represented in the different parts of the book, while the didactic quality is heightened by many allegoric illustrations.

The Intelligibility of Nature - Peter Dear 2008-09-15

Throughout the history of the Western world, science has possessed an extraordinary amount of authority and prestige. And while its pedestal has been jostled by numerous evolutions and revolutions, science has always managed to maintain its stronghold as the knowing enterprise that explains how the natural world works: we treat such legendary scientists as Galileo, Newton, Darwin, and Einstein with admiration and reverence because they offer profound and sustaining insight into the meaning of the universe. In *The Intelligibility of Nature*, Peter Dear considers how science as such has evolved and how it has marshaled itself to make sense of the world. His intellectual journey begins with a crucial observation: that the enterprise of science is, and has been, directed toward two distinct but frequently conflated ends—doing and knowing. The ancient Greeks developed this distinction of value between craft on the one hand and understanding on the other, and according to Dear, that distinction has survived to shape attitudes toward science ever since. Teasing out this tension between doing and knowing during key episodes in the history of science—mechanical philosophy and Newtonian gravitation, elective affinities and the chemical revolution, enlightened natural history and taxonomy, evolutionary biology, the dynamical theory of electromagnetism, and quantum theory—Dear reveals how the two principles became formalized into a single enterprise, science, that would be carried out by a new kind of person, the scientist. Finely nuanced and elegantly conceived, *The Intelligibility of Nature* will be essential reading for aficionados and historians of science alike.

Why People Believe Weird Things - Michael Shermer 2002-09-01

Revised and Expanded Edition. In this age of supposed scientific enlightenment, many people still believe in mind reading, past-life regression theory, New Age hokum, and alien abduction. A no-holds-barred assault

on popular superstitions and prejudices, with more than 80,000 copies in print, *Why People Believe Weird Things* debunks these nonsensical claims and explores the very human reasons people find otherworldly phenomena, conspiracy theories, and cults so appealing. In an entirely new chapter, "Why Smart People Believe in Weird Things," Michael Shermer takes on science luminaries like physicist Frank Tippler and others, who hide their spiritual beliefs behind the trappings of science. Shermer, science historian and true crusader, also reveals the more dangerous side of such illogical thinking, including Holocaust denial, the recovered-memory movement, the satanic ritual abuse scare, and other modern crazes. *Why People Believe Strange Things* is an eye-opening resource for the most gullible among us and those who want to protect them.

Quantum International Relations - James Der Derian 2022-05-03

The contributors to this volume are motivated by a common apprehension and a common hope. The apprehension was first voiced by Einstein, who lamented the inability of humanity, at the individual and social level, to keep up with the increased speed of technological change brought about by the quantum revolution. As quantum science and technology fast forward into the 21st century, the social sciences remain stuck in classical, 19th century ways of thinking. Can such a mechanistic model of the mind and society possibly help us manage the fully realized technological potential of the quantum? That's where the hope appears: that perhaps quantum is not just a physical science, but a human science too. In *Quantum International Relations*, James Der Derian and Alexander Wendt gather rising scholars and leading experts to make the case for quantum approaches to world politics. As a fundamental theory of reality and enabler of new technologies, quantum now touches everything, with the potential to revolutionize how we conduct diplomacy, wage war, and make wealth. Contributors present the core principles of quantum mechanics--entanglement, uncertainty, superposition, and the wave function--as significant catalysts and superior heuristics for an accelerating quantum future. Facing a reality which no longer corresponds to an outdated Newtonian worldview of states as billiard balls, individuals as rational actors or power as objective interest, Der Derian and Wendt issue an urgent call for a new human science of quantum International Relations. At the centenary of the first quantum thought experiment in the 1920s, this book offers a diversity of explorations, speculations and approaches for understanding geopolitics in the 21st century.

The Image of the Unseen God - Hosinski, Thomas E. 2017-08-17

Beyond The Secret - Alexandra Bruce 2007-09-01

Based on a best-selling documentary film of the same name, this book presents the "Law of Attraction," which, according to the tagline, "has traveled through centuries to reach you." By synthesizing "how to get rich" ideas from classic self-help books by Wallace D. Wattles (*The Science of Getting Rich*), Napoleon Hill (*Think and Grow Rich!*), and Charles Haanel (*The Master Key System*) with twenty-five modern-day self-improvement gurus like Jack Canfield, Bob Proctor, Michael Bernard Beckwith, James Ray, Lisa Nichols, and Joe Vitale, author Rhonda Byrne and her team have created an almost alchemically rich and compelling promise. They claim that "The Secret" was discovered by such historical luminaries as Plato, da Vinci, Galileo, Napoleon, Hugo, Beethoven, Newton, Edison, and Einstein/ that "The Secret" has existed in fragments in religions, philosophies, and oral traditions for centuries . . . but only now has it all been put together. "The Secret is everything you have dreamed of . . . and is beyond your wildest dreams," trumpet the marketing materials. Could it really be true, or is it just a new spin on the very old (and decidedly not secret) "the power of positive thinking" wedded to "ask and you shall receive"? Alexandra Bruce goes behind the scenes to investigate the phenomenon, from its roots in Australia to the sales bonanza that has seen creator Rhonda Byrne become the most successful debut author in memory. Bruce takes a hard but fair look at the "teachers" featured in *The Secret* and the "Law of Attraction" that is the central theme. To truly understand the significance of *The Secret*, perspective is needed. *Beyond The Secret* delivers that and much more.

Psychophysics - Mike Hockney 2015-09-01

One hundred percent of scientists think that Einstein's special theory of relativity is correct. One hundred percent of scientists are wrong. Isn't that astounding? Why is it so hard for scientists to see the blatant errors in Einstein's logic? The central reason for the failure of Einstein's theory as an account of ultimate

existence is that, like everything else in science, it denies the real existence of mind. Once mind is admitted to physics, Einstein's fallacies become obvious. To refute both Einstein, only one thing is required ... to place an eternal, non-sensory, mathematical Singularity at the centre of the spacetime universe. This Singularity is a Fourier frequency domain, but is functionally equivalent to a Cosmic Mind. Because it's an immaterial, dimensionless entity outside space and time, the Singularity is undetectable by any scientific experiment, yet its existence automatically disproves all claims of scientific materialism regarding the fundamental nature of reality.

Quantum Sense and Nonsense - Jean Bricmont 2017-10-27

Permeated by the author's delightful humor, this little book explains, with nearly no mathematics, the main conceptual issues associated with quantum mechanics: The issue of determinism. Does quantum mechanics signify the end of a deterministic world-view? The role of the human subject or of the "observer" in science. Since Copernicus, science has increasingly tended to dethrone Man from his formerly held special position in the Universe. But quantum mechanics, with its emphasis on the notion of observation, may once more have given a central role to the human subject. The issue of locality. Does quantum mechanics imply that instantaneous actions at a distance exist in Nature? In these pages the author offers a variety of views and answers - bad as well as good - to these questions. The reader will be both entertained and enlightened by Jean Bricmont's clear and incisive arguments.

The Cyborg Subject - Garfield Benjamin 2016-06-25

This book outlines a new conception of the cyborg in terms of consciousness as the parallax gap between physical and digital worlds. The contemporary subject constructs its own internal reality in the interplay of the Virtual and the Real. Reinterpreting the work of Slavoj Žižek and Gilles Deleuze in terms of the psychological and ontological construction of the digital, alongside the philosophy of quantum physics, this book offers a challenge to materialist perspectives in the fluid cyberspace that is ever permeating our lives. The inclusion of the subject in its own epistemological framework establishes a model for an engaged spectatorship of reality. Through the analysis of online media, digital art, avatars, computer games and science fiction, a new model of cyborg culture reveals the opportunities for critical and creative interventions in the contemporary subjective experience, promoting an awareness of the parallax position we all occupy between physical and digital worlds.

Spooky Action at a Distance - George Musser 2015-11-03

What is space? It isn't a question that most of us normally stop to ask. Space is the venue of physics; it's where things exist, where they move and take shape. Yet over the past few decades, physicists have discovered a phenomenon that operates outside the confines of space and time. The phenomenon—the ability of one particle to affect another instantly across the vastness of space—appears to be almost magical. Einstein grappled with this oddity and couldn't quite resolve it, describing it as "spooky action at a distance." But this strange occurrence has direct connections to black holes, particle collisions, and even the workings of gravity. If space isn't what we thought it was, then what is it? In *Spooky Action at a Distance*, George Musser sets out to answer that question, offering a provocative exploration of nonlocality and a celebration of the scientists who are trying to understand it. Musser guides us on an epic journey of scientific discovery into the lives of experimental physicists observing particles acting in tandem, astronomers discovering galaxies that look statistically identical, and cosmologists hoping to unravel the paradoxes surrounding the big bang. Their conclusions challenge our understanding not only of space and time but of the origins of the universe—and their insights are spurring profound technological innovation and suggesting a new grand unified theory of physics.

American Poetic Materialism from Whitman to Stevens - Mark Noble 2015

In *American Poetic Materialism from Whitman to Stevens*, Mark Noble examines writers who rethink the human in material terms. Do our experiences correlate to our material elements? Do visions of a common physical ground imply a common purpose? Noble proposes new readings of Walt Whitman, Ralph Waldo Emerson, William James, George Santayana and Wallace Stevens that explore a literary history wrestling with the consequences of its own materialism. At a moment when several new models of the relationship between human experience and its physical ground circulate among critical theorists and philosophers of science, this book turns to poets who have long asked what our shared materiality can tell us about our

prospects for new models of our material selves.

The Role of Lightning in Evolution - David Clink 2016-11-08

The Role of Lightning in Evolution is the fifth book of poetry from Aurora Award winner David Clink, and his first book-length collection of speculative poetry since 2010's *Monster*. This is speculative poetry at its best. Found in these pages are award winners and finalists: "A Sea Monster Tells His Story," "The Perfect Library," "A City of Buried Rivers," and "The Machine." Every poem goes beyond monsters and time travel and post-apocalyptic visions. There is heart here, a love of family (no matter how strange that family may be), ghosts, a seance, shapeshifters, a dragon made of words, an insect caught between dimensions, and a road that can feel your every footfall. Every poem is a journey beyond, a slice of another reality that lets us see our own existence in a different way.

Atoms and Eden - Steve Paulson 2010-11-01

Here is an unprecedented collection of twenty freewheeling and revealing interviews with major players in the ongoing—and increasingly heated—debate about the relationship between religion and science. These lively conversations cover the most important and interesting topics imaginable: the Big Bang, the origins of life, the nature of consciousness, the foundations of religion, the meaning of God, and much more. In *Atoms and Eden*, Peabody Award-winning journalist Steve Paulson explores these topics with some of the most prominent public intellectuals of our time, including Richard Dawkins, Karen Armstrong, E. O. Wilson, Sam Harris, Elaine Pagels, Francis Collins, Daniel Dennett, Jane Goodall, Paul Davies, and Steven Weinberg. The interviewees include Christians, Buddhists, Jews, and Muslims, as well as agnostics, atheists, and other scholars who hold perspectives that are hard to categorize. Paulson's interviews sweep across a broad range of scientific disciplines—evolutionary biology, quantum physics, cosmology, and neuroscience—and also explore key issues in theology, religious history, and what William James called "the varieties of religious experience." Collectively, these engaging dialogues cover the major issues that have often pitted science against religion—from the origins of the universe to debates about God, Darwin, the nature of reality, and the limits of human reason. These are complex, intellectually rich discussions, presented in an accessible and engaging manner. Most of these interviews were originally published as individual cover stories for *Salon.com*, where they generated a huge reader response. Public Radio's "To the Best of Our Knowledge" will present a major companion series on related topics this fall. A feast of ideas and competing perspectives, this volume will appeal to scientists, spiritual seekers, and the intellectually curious.

Interdisciplinary Perspectives on Cosmology and Biological Evolution - Hilary D. Regan 2002

This collection of essays examines cosmology, biology and evolutionary theory.

Awakening Nature's Healing Intelligence - Hari Sharma 1999

This book gives readers an unprecedented insight into the common focus all natural health approaches—the body's inner intelligence.

Catastrophe - Richard A. Posner 2004-11-11

Catastrophic risks are much greater than is commonly appreciated. Collision with an asteroid, runaway global warming, voraciously replicating nanomachines, a pandemic of gene-spliced smallpox launched by bioterrorists, and a world-ending accident in a high-energy particle accelerator, are among the possible extinction events that are sufficiently likely to warrant careful study. How should we respond to events that, for a variety of psychological and cultural reasons, we find it hard to wrap our minds around? Posner argues that realism about science and scientists, innovative applications of cost-benefit analysis, a scientifically literate legal profession, unprecedented international cooperation, and a pragmatic attitude toward civil liberties are among the keys to coping effectively with the catastrophic risks.

Time, Space and Philosophy - Christopher Ray 2002-09-11

This book provides a comprehensive, up-to-date and accessible introduction to the philosophy of space and time. Ray considers in detail the central questions of space and time which arise from the ideas of Zeno, Newton, Mach, Leibniz and Einstein. *Time, Space and Philosophy* extends the debate in many areas: absolute simultaneity is examined as well as black holes, the big bang and even time travel. *Time, Space and Philosophy* will be invaluable to the student of philosophy and science and will be of considerable interest to mathematics students. The clear, non-technical approach should also make it

suitable to for the general reader.

The Matter Myth - Paul Davies 2007-10-23

Argues that recent developments in quantum physics, astronomy, and chaos theory have forced a reconsideration of the concepts of space, time, and matter. Reprint. 10,000 first printing.