Galileo S Error Foundations For A New Science Of

#Galileo's error #foundations of science #new scientific understanding #history of science #scientific methodology evolution

Explore the profound implications of Galileo's error, dissecting how historical misinterpretations or oversights unexpectedly laid crucial foundations for a new science. This analysis delves into the evolution of scientific thought, challenging conventional narratives and paving the way for a more robust understanding of scientific methodology and discovery.

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Galileo's Error

'Suddenly the universe appears in a new and much more revealing perspective. A splendid introduction to this fascinating idea' Philip Pullman From a leading philosopher of mind comes this lucid, provocative argument that offers a radically new picture of human consciousness—panpsychism. Understanding how brains produce consciousness is one of the great scientific challenges of our age. Some philosophers argue that consciousness is something "extra," beyond the physical workings of the brain. Others think that if we persist in our standard scientific methods, our questions about consciousness will eventually be answered. Some even suggest that the mystery is so deep that it will never be solved. Decades have been spent in trying to explain consciousness from within our current scientific paradigm, but little progress has been made. Now, Philip Goff offers an exciting alternative that could pave the way forward. Rooted in an analysis of the philosophical underpinnings of modern science and based on the early 20th century work of Arthur Eddington and Bertrand Russell, Goff makes the case for panpsychism, a theory which posits that consciousness is not confined to biological entities but is a fundamental feature of all physical matter—from subatomic particles to the human brain. In Galileo's Error, he has taken the first step on a new path toward the final theory of human consciousness.

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Consciousness and Fundamental Reality

The first half of this book argues that physicalism cannot account for consciousness, and hence cannot be true. The second half explores and defends Russellian monism, a radical alternative to both physicalism and dualism. The view that emerges combines panpsychism with the view that the universe as a whole is fundamental.

A Metaphysics for Freedom

Helen Steward argues that determinism is incompatible with agency itself--not only the special human variety of agency, but also powers which can be accorded to animal agents. She offers a distinctive, non-dualistic version of libertarianism, rooted in a conception of what biological forms of organisation might make possible in the way of freedom.

The Feeling of Life Itself

A thought-provoking argument that consciousness—more widespread than previously assumed—is the feeling of being alive, not a type of computation or a clever hack In The Feeling of Life Itself, Christof Koch offers a straightforward definition of consciousness as any subjective experience, from the most mundane to the most exalted—the feeling of being alive. Psychologists study which cognitive operations underpin a given conscious perception. Neuroscientists track the neural correlates of consciousness in the brain, the organ of the mind. But why the brain and not, say, the liver? How can the brain—three pounds of highly excitable matter, a piece of furniture in the universe, subject to the same laws of physics as any other piece—give rise to subjective experience? Koch argues that what is needed to answer these questions is a quantitative theory that starts with experience and proceeds to the brain. In The Feeling of Life Itself, Koch outlines such a theory, based on integrated information. Koch describes how the theory explains many facts about the neurology of consciousness and how it has been used to build a clinically useful consciousness meter. The theory predicts that many, and perhaps all, animals experience the sights and sounds of life; consciousness is much more widespread than conventionally assumed. Contrary to received wisdom, however, Koch argues that programmable computers will not have consciousness. Even a perfect software model of the brain is not conscious. Its simulation is fake consciousness. Consciousness is not a special type of computation—it is not a clever hack. Consciousness is about being.

Conscious

NEW YORK TIMES BESTSELLER "If you've ever wondered how you have the capacity to wonder, some fascinating insights await you in these pages." --Adam Grant, New York Times bestselling author of Originals As concise and enlightening as Seven Brief Lessons on Physics and Astrophysics for People in a Hurry, this mind-expanding dive into the mystery of consciousness is an illuminating meditation on the self, free will, and felt experience. What is consciousness? How does it arise? And why does it exist? We take our experience of being in the world for granted. But the very existence of consciousness raises profound questions: Why would any collection of matter in the universe be conscious? How are we able to think about this? And why should we? In this wonderfully accessible book, Annaka Harris guides us through the evolving definitions, philosophies, and scientific findings that probe our limited understanding of consciousness. Where does it reside, and what gives rise to it? Could it be an illusion, or a universal property of all matter? As we try to understand consciousness, we must grapple with how to define it and, in the age of artificial intelligence, who or what might possess it.

Conscious offers lively and challenging arguments that alter our ideas about consciousness—allowing us to think freely about it for ourselves, if indeed we can.

The Fall of Man and the Foundations of Science

See:

Galileo

An "intriguing and accessible" (Publishers Weekly) interpretation of the life of Galileo Galilei, one of history's greatest and most fascinating scientists, that sheds new light on his discoveries and how he was challenged by science deniers. "We really need this story now, because we're living through the next chapter of science denial" (Bill McKibben). Galileo's story may be more relevant today than ever before. At present, we face enormous crises—such as minimizing the dangers of climate change—because the science behind these threats is erroneously questioned or ignored. Galileo encountered this problem 400 years ago. His discoveries, based on careful observations and ingenious experiments, contradicted conventional wisdom and the teachings of the church at the time. Consequently, in a blatant assault on freedom of thought, his books were forbidden by church authorities. Astrophysicist and bestselling author Mario Livio draws on his own scientific expertise and uses his "gifts as a great storyteller" (The Washington Post) to provide a "refreshing perspective" (Booklist) into how Galileo reached his bold new conclusions about the cosmos and the laws of nature. A freethinker who followed the evidence wherever it led him, Galileo was one of the most significant figures behind the scientific revolution. He believed that every educated person should know science as well as literature, and insisted on reaching the widest audience possible, publishing his books in Italian rather than Latin. Galileo was put on trial with his life in the balance for refusing to renounce his scientific convictions. He remains a hero and inspiration to scientists and all of those who respect science—which, as Livio reminds us in this "admirably clear and concise" (The Times, London) book, remains threatened everyday.

Being You

A BOOK OF THE YEAR GUARDIAN, THE ECONOMIST, NEW STATESMAN, FINANCIAL TIMES, BLOOMBERG Anil Seth's radical new theory of consciousness challenges our understanding of perception and reality, doing for brain science what Dawkins did for evolutionary biology. 'A brilliant beast of a book.' DAVID BYRNE 'Hugely important.' JIM AL-KHALILI 'Masterly . . . An exhilarating book: a vast-ranging, phenomenal achievement that will undoubtedly become a seminal text.' GAIA VINCE, GUARDIAN Being You is not as simple as it sounds. Somehow, within each of our brains, billions of neurons work to create our conscious experience. How does this happen? Why do we experience life in the first person? After over twenty years researching the brain, world-renowned neuroscientist Anil Seth puts forward a radical new theory of consciousness and self. His unique theory of what it means to 'be you' challenges our understanding of perception and reality and it turns what you thought you knew about yourself on its head. 'Seth thinks clearly and sharply on one of the hardest problems of science and philosophy, cutting through weeds with a scientist's mind and a storyteller's skill.' ADAM RUTHERFORD 'A page-turner and a mind-blower . . . Beautifully written, crystal clear, deeply insightful.' DAVID EAGLEMAN 'If you read one book about conciousness, it must be Seth's. JULIAN BAGGINI, WALL STREET JOURNAL 'Gripping.' ALEX GARLAND 'I loved it.' MICHAEL POLLAN 'Fascinating.' FINANCIAL TIMES 'Awe-inspring.' NEW STATESMAN 'Brilliant.' CLAIRE TOMALIN, NEW YORK TIMES

Metaphysics: The Key Concepts

'Informative, accessible, and fun to read—this is an excellent reference guide for undergraduates and anyone wanting an introduction to the fundamental issues of metaphysics. I know of no other resource like it.'—Meghan Griffith, Davidson College, USA 'Marvellous! This book provides the very best place to start for students wanting to take the first step into understanding metaphysics. Undergraduates would do well to buy it and consult it regularly. The quality and clarity of the material are consistently high.'—Chris Daly, University of Manchester, UK Ever wondered about Gunk, Brains in a Vat or Frankfurt's Nefarious Neurosurgeon? With complete explanations of these terms and more, Metaphysics: The Key Concepts is an accessible and engaging introduction to the most widely studied and challenging concepts in metaphysics. The authors clearly and lucidly define and discuss key terms and concepts, under the themes of: time particulars & universals realism & antirealism free will personal identity

causation and laws. Arranged in an easy to use A-Z format, each concept is explored and illustrated with engaging and memorable examples, and accompanied by an up-to-date guide to further reading. Fully cross-referenced throughout, this remarkable reference guide is essential reading for students of philosophy and all those interested in the nature of reality.

The Idea of the World

A rigorous case for the primacy of mind in nature, from philosophy to neuroscience, psychology and physics. The Idea of the World offers a grounded alternative to the frenzy of unrestrained abstractions and unexamined assumptions in philosophy and science today. This book examines what can be learned about the nature of reality based on conceptual parsimony, straightforward logic and empirical evidence from fields as diverse as physics and neuroscience. It compiles an overarching case for idealism - the notion that reality is essentially mental - from ten original articles the author has previously published in leading academic journals. The case begins with an exposition of the logical fallacies and internal contradictions of the reigning physicalist ontology and its popular alternatives, such as bottom-up panpsychism. It then advances a compelling formulation of idealism that elegantly makes sense of - and reconciles - classical and quantum worlds. The main objections to idealism are systematically refuted and empirical evidence is reviewed that corroborates the formulation presented here. The book closes with an analysis of the hidden psychological motivations behind mainstream physicalism and the implications of idealism for the way we relate to the world.

Consciousness and Its Place in Nature

For the last five years philosopher Galen Strawson has provoked a mixture of shock and scepticism with his carefully argued case that physicalism (the view that every real, concrete phenomenon in the universe is physical) entails panpsychism (the view that the existence of every real concrete thing involves experiential being). In this book Strawson provides the fullest and most careful statement of his position to date, throwing down the gauntlet to his critics -- including Peter Carruthers, Frank Jackson, David Rosenthal and J.J.C. Smart -- by inviting them to respond in print. The book concludes with Strawson's response to his commentators. Galen Strawson's books include Mental Reality, The Self? and Freedom and Belief.

Illusionism

Illusionism is the view that phenomenal consciousness (in the philosophers' sense) is an illusion. This book is a reprint of a special issue of the Journal of Consciousness Studies devoted to this topic. It takes the form of a target paper by the editor, followed by commentaries from various thinkers, including leading defenders of the theory such as Daniel Dennett, Nicholas Humphrey, Derk Pereboom and Georges Rey. A number of disciplines are represented and different viewpoints are discussed and defended. The colleciton is tied together with a response to the commentaries from the editor.

Secular Buddhism

An essential collection of Stephen Batchelor's most probing and important work on secular Buddhism As the practice of mindfulness permeates mainstream Western culture, more and more people are engaging in a traditional form of Buddhist meditation. However, many of these people have little interest in the religious aspects of Buddhism, and the practice occurs within secular contexts such as hospitals, schools, and the workplace. Is it possible to recover from the Buddhist teachings a vision of human flourishing that is secular rather than religious without compromising the integrity of the tradition? Is there an ethical framework that can underpin and contextualize these practices in a rapidly changing world? In this collected volume of Stephen Batchelor's writings on these themes, he explores the complex implications of Buddhism's secularization. Ranging widely—from reincarnation, religious belief, and agnosticism to the role of the arts in Buddhist practice—he offers a detailed picture of contemporary Buddhism and its attempt to find a voice in the modern world.

The Case Against Reality

SHORTLISTED FOR THE PHYSICS WORLD BOOK OF THE YEAR 2019 'One of the deepest and most original thinkers of his generation of cognitive scientists. His startling argument has implications for philosophy, science, and how we understand the world around us' Steven Pinker 'Is reality virtual? It's a question made even more interesting by this book' Barbara Kiser, Nature Do we see the world as

it truly is? In The Case Against Reality, pioneering cognitive scientist Donald Hoffman says no? we see what we need in order to survive. Our visual perceptions are not a window onto reality, Hoffman shows us, but instead are interfaces constructed by natural selection. The objects we see around us are not unlike the file icons on our computer desktops: while shaped like a small folder on our screens, the files themselves are made of a series of ones and zeros - too complex for most of us to understand. In a similar way, Hoffman argues, evolution has shaped our perceptions into simplistic illusions to help us navigate the world around us. Yet now these illusions can be manipulated by advertising and design. Drawing on thirty years of Hoffman's own influential research, as well as evolutionary biology, game theory, neuroscience, and philosophy, The Case Against Reality makes the mind-bending yet utterly convincing case that the world is nothing like what we see through our eyes.

Panpsychism

Materialism asserts that the universe and everything within it, including ourselves, is a deterministic machine, trapped until the end of time on the rigid tracks of inviolable laws. Only the mechanisms of physics - forces, electrical charges, and so on - are consequential; nothing else matters. Experiences, such as the taste of honey, feelings, thoughts, choices: everything concerning the mind is an illusion, or is at best a useless and absurd epiphenomenon. This accessible and engagingly-written book is a serious philosophical work, giving solid reasons for rejecting materialism, and proposing an alternative metaphysical framework that is fully consistent with science. In the sensuous cosmos, our essence is that we experience the world in all its exquisite, sensual beauty and unbearable suffering.

How Consciousness Creates Reality

This book is written out of the desire to examine the structure of our reality from a standpoint unbiased by established teachings, be they academic-scientific, popular-esoteric, or religious in nature. Claus Janew begins with seemingly simple interactions in our daily lives, examines how they originate on a deeper level, comes to understand the essentials of consciousness, and finally recognizes that we create our reality in its entirety. In the course of this quest, the reader will uncover little-heeded paths to accessing the subconscious, other individuals, and that which can be understood by the term "God". And the solution to the classical problem of free will constitutes the gist of the concepts thus revealed.

Thought Economics

'Stimulating, intelligent and enjoyable discussions of the most important issues of our day.' STEVEN PINKER 'From entrepreneurs to athletes, and world leaders to entertainers, this is a fascinating collection of interviews with some of the world's most influential individuals.' MARK CUBAN 'Thought Economics is a fine rebuke to the soundbite culture; these interviews are driven by real curiosity, and there is a wealth of wisdom here.' EDWARD STOURTON Since 2007, entrepreneur and philanthropist Vikas Shah has been on a mission to interview the people shaping our century. Including conversations with Nobel prizewinners, business leaders, politicians, artists and Olympians, he has been in the privileged position of questioning the minds that matter on the big issues that concern us all. We often talk of war and conflict, the economy, culture, technology and revolutions as if they are something other than us. But all these things are a product of us - of our ideas, our dreams and our fears. We live in fast-moving and extraordinary times, and the changes we're experiencing now, in these first decades of the twenty-first century, feel particularly poignant as decisions are made that will inform our existence for years to come. What started out as a personal interest in the mechanisms that inform our views of the world, and a passion for understanding, has grown into a phenomenal compilation of once-in-a-lifetime conversations. In this incredible collection, Shah shares some of his most emotive and insightful interviews to date.

The Cambridge History of Philosophy of the Scientific Revolution

A collection of cutting-edge scholarship on the close interaction of philosophy with science at the birth of the modern age.

Theory and Reality

How does science work? Does it tell us what the world is "really" like? What makes it different from other ways of understanding the universe? In Theory and Reality, Peter Godfrey-Smith addresses these questions by taking the reader on a grand tour of more than a hundred years of debate about science.

The result is a completely accessible introduction to the main themes of the philosophy of science. Examples and asides engage the beginning student, a glossary of terms explains key concepts, and suggestions for further reading are included at the end of each chapter. Like no other text in this field, Theory and Reality combines a survey of recent history of the philosophy of science with current key debates that any beginning scholar or critical reader can follow. The second edition is thoroughly updated and expanded by the author with a new chapter on truth, simplicity, and models in science.

The Scientific Revolution

This scholarly and accessible study presents "a provocative new reading" of the late sixteenth- and seventeenth-century advances in scientific inquiry (Kirkus Reviews). In The Scientific Revolution, historian Steven Shapin challenges the very idea that any such a "revolution" ever took place. Rejecting the narrative that a new and unifying paradigm suddenly took hold, he demonstrates how the conduct of science emerged from a wide array of early modern philosophical agendas, political commitments, and religious beliefs. In this analysis, early modern science is shown not as a set of disembodied ideas, but as historically situated ways of knowing and doing. Shapin shows that every principle identified as the modernizing essence of science—whether it's experimentalism, mathematical methodology, or a mechanical conception of nature—was in fact contested by sixteenth- and seventeenth-century practitioners with equal claims to modernity. Shapin argues that this contested legacy is nevertheless rightly understood as the origin of modern science, its problems as well as its acknowledged achievements. This updated edition includes a new bibliographic essay featuring the latest scholarship. "An excellent book." —Anthony Gottlieb, New York Times Book Review

Galileo's Thinking Hand

Contemporary biographies of Galilei emphasize, in several places, that he was a masterful draughtsman. In fact, Galilei studied at the art academy, which is where his friendship with Ludovico Cigoli developed, who later became the official court artist. The book focuses on this formative effect – it tracks Galilei's trust in the epistemological strength of drawings. It also looks at Galilei's activities in the world of art and his reflections on art theory, ending with an appreciation of his fame; after all, he was revered as a rebirth of Michelangelo. For the first time, this publication collects all aspects of the appreciation of Galilei as an artist, contemplating his art not only as another facet of his activities, but as an essential element of his research.

God and Galileo

"A devastating attack upon the dominance of atheism in science today." Giovanni Fazio, Senior Physicist, Harvard-Smithsonian Center for Astrophysics The debate over the ultimate source of truth in our world often pits science against faith. In fact, some high-profile scientists today would have us abandon God entirely as a source of truth about the universe. In this book, two professional astronomers push back against this notion, arguing that the science of today is not in a position to pronounce on the existence of God—rather, our notion of truth must include both the physical and spiritual domains. Incorporating excerpts from a letter written in 1615 by famed astronomer Galileo Galilei, the authors explore the relationship between science and faith, critiquing atheistic and secular understandings of science while reminding believers that science is an important source of truth about the physical world that God created.

Deviate

World-renowned neuroscientist Beau Lotto reveals the truths of human perception and devises a cognitive toolkit for how to succeed in a world of uncertainty. Perception is the foundation of human experience, but few of us understand how our own perception works. By revealing the startling truths about the brain and perception, Beau Lotto shows that the next big innovation is not a new technology: it is a new way of seeing. In his first major book, Beau Lotto draws on over a decade of pioneering research to show how our brains play tricks on us. With an innovative combination of case studies and optical- and perception-illusion exercises, DEVIATE will revolutionise the way you see the world. With this new understanding of how the brain works and its perceptive trickery, we can apply these insights to every aspect of life and work. DEVIATE is not just an engaging look into the neuroscience of thought, behaviour and creativity: it is a call to action, enlisting readers in their own journey of self-discovery.

A New Kind of Science

NOW IN PAPERBACK"€"Starting from a collection of simple computer experiments"€"illustrated in the book by striking computer graphics"€"Stephen Wolfram shows how their unexpected results force a whole new way of looking at the operation of our universe.

The Emperor's New Mind

Winner of the Wolf Prize for his contribution to our understanding of the universe, Penrose takes on the question of whether artificial intelligence will ever approach the intricacy of the human mind. 144 illustrations.

Patterns of Discovery

The world's best introduction to philosophy, Knowledge, Reality, and Value explains basic philosophical problems in epistemology, metaphysics, and ethics, such as: How can we know about the world outside our minds? Is there a God? Do we have free will? Are there objective values? What distinguishes morally right from morally wrong actions? The text succinctly explains the most important theories and arguments about these things, and it does so a lot less boringly than most books written by professors."My work is all a series of footnotes to Mike Huemer." -Plato"This book is way better than my lecture notes." -Aristotle"When I have a little money, I buy Mike Huemer's books; and if I have any left, I buy food and clothes." -ErasmusContentsPreface Part I: Preliminaries 1. What Is Philosophy? 2. Logic 3. Critical Thinking, 1: Intellectual Virtue 4. Critical Thinking, 2: Fallacies 5. Absolute Truth Part II: Epistemology 6. Skepticism About the External World 7. Global Skepticism vs. Foundationalism 8. Defining "Knowledge" Part III: Metaphysics 9. Arguments for Theism 10. Arguments for Atheism 11. Free Will 12. Personal Identity Part IV: Ethics 13. Metaethics 14. Ethical Theory, 1: Utilitarianism 15. Ethical Theory, 2: Deontology 16. Applied Ethics, 1: The Duty of Charity 17. Applied Ethics, 2: Animal Ethics 18. Concluding Thoughts Appendix: A Guide to Writing GlossaryMichael Huemer is a professor of philosophy at the University of Colorado, where he has taught since the dawn of time. He is the author of a nearly infinite number of articles in epistemology, metaphysics, ethics, and political philosophy, in addition to seven other amazing and brilliant books that you should immediately buy.

Knowledge, Reality, and Value

Fundamental science will one day come to an end, argues Russell Stannard. Ultimately there will be experiments too vast to finance, areas of knowledge the human brain cannot comprehend, evidence that forever eludes us. His book explores the likely boundaries of our quest to understand the nature of time, matter, consciousness, and the universe.

The End of Discovery

Philosophical foundations of the physics of space-time This concise book introduces nonphysicists to the core philosophical issues surrounding the nature and structure of space and time, and is also an ideal resource for physicists interested in the conceptual foundations of space-time theory. Tim Maudlin's broad historical overview examines Aristotelian and Newtonian accounts of space and time, and traces how Galileo's conceptions of relativity and space-time led to Einstein's special and general theories of relativity. Maudlin explains special relativity with enough detail to solve concrete physical problems while presenting general relativity in more qualitative terms. Additional topics include the Twins Paradox, the physical aspects of the Lorentz-FitzGerald contraction, the constancy of the speed of light, time travel, the direction of time, and more. Introduces nonphysicists to the philosophical foundations of space-time theory Provides a broad historical overview, from Aristotle to Einstein Explains special relativity geometrically, emphasizing the intrinsic structure of space-time Covers the Twins Paradox, Galilean relativity, time travel, and more Requires only basic algebra and no formal knowledge of physics

Philosophy of Physics

Since the beginning of time mankind has struggled with the big questions surrounding our existence. Whilst most people have heard of Socrates, Machiavelli and Nietzsche, many are less clear on their theories and key concepts. In The Great Philosophers, bestselling author Stephen Law condenses and deciphers their fundamental ideas. Avoiding the technical jargon and complex logic associated with most books on philosophy, Law brings the thoughts of these great thinkers, from Confucius and Buddha to Wittgenstein and Sartre, to life.

The Great Philosophers

Many young Christians interested in the sciences have felt torn between two options: remaining faithful to Christ or studying science. Heated debates over the past century have created the impression that we have to choose between one or the other. The result has been a crisis of faith for many students. Josh Reeves and Steve Donaldson present a concise introduction to the study of science that explains why scientists in every age have found science congenial to their faith and how Christians in the sciences can bridge the gap between science and Christian belief and practice. If Christians are to have a beneficial dialogue with science, it will be guided by those who understand science from the inside. Consequently, this book provides both advice and encouragement for Christians entering or engaged in scientific careers because their presence in science is a vital component of the church's witness in the world.

A Little Book for New Scientists

Few can imagine a world without telephones or televisions; many depend on computers and the Internet as part of daily life. Without scientific theory, these developments would not have been possible. In this exceptionally clear and engaging introduction to philosophy of science, James Ladyman explores the philosophical questions that arise when we reflect on the nature of the scientific method and the knowledge it produces. He discusses whether fundamental philosophical questions about knowledge and reality might be answered by science, and considers in detail the debate between realists and anti-realists about the extent of scientific knowledge. Along the way, central topics in philosophy of science, such as the demarcation of science from non-science, induction, confirmation and falsification, the relationship between theory and observation and relativism are all addressed. Important and complex current debates over underdetermination, inference to the best explaination and the implications of radical theory change are clarified and clearly explained for those new to the subject.

Understanding Philosophy of Science

A hilarious reeducation in mathematics-full of joy, jokes, and stick figures-that sheds light on the countless practical and wonderful ways that math structures and shapes our world. In Math With Bad Drawings, Ben Orlin reveals to us what math actually is; its myriad uses, its strange symbols, and the wild leaps of logic and faith that define the usually impenetrable work of the mathematician. Truth and knowledge come in multiple forms: colorful drawings, encouraging jokes, and the stories and insights of an empathetic teacher who believes that math should belong to everyone. Orlin shows us how to think like a mathematician by teaching us a brand-new game of tic-tac-toe, how to understand an economic crises by rolling a pair of dice, and the mathematical headache that ensues when attempting to build a spherical Death Star. Every discussion in the book is illustrated with Orlin's trademark "bad drawings," which convey his message and insights with perfect pitch and clarity. With 24 chapters covering topics from the electoral college to human genetics to the reasons not to trust statistics, Math with Bad Drawings is a life-changing book for the math-estranged and math-enamored alike.

Math with Bad Drawings

An original collection of lauded philosopher Galen Strawson's writings on the self and consciousness, naturalism and pan-psychism. Galen Strawson might be described as the Montaigne of modern philosophers, endlessly curious, enormously erudite, unafraid of strange, difficult, and provocative propositions, and able to describe them clearly—in other words, he is a true essayist. Strawson also shares with Montaigne a particular fascination with the elastic and elusive nature of the self and of consciousness. Of the essays collected here, "A Fallacy of Our Age" (an inspiration for Vendela Vida's novel Let the Northern Lights Erase Your Name) takes issue with the commencement-address cliché that life is a story. Strawson questions whether it is desirable or even meaningful to think about life that

way. "The Sense of the Self" offers an alternative account, in part personal, of how a distinct sense of self is not at all incompatible with a sense of the self as discontinuous, leading Strawson to a position that he sees as in some ways Buddhist. "Real Naturalism" argues that a fully naturalist account of consciousness supports a belief in the immanence of consciousness in nature as a whole (also known as panpsychism), while in the final essay Strawson offers a vivid account of coming of age in the 1960s. Drawing on literature and life as much as on philosophy, this is a book that prompts both argument and wonder.

Things That Bother Me

'Nobody bewitched by these mysteries can afford to ignore the solution proposed by Mark Solms' - Oliver Burkeman, Guardian 'A remarkable book. It changes everything' - Brian Eno How does the mind connect to the body? Why does it feel like something to be us? For one of the boldest thinkers in neuroscience, solving this puzzle has been a lifetime's quest. Now at last, the man who discovered the brain mechanism for dreaming appears to have made a breakthrough. The very idea that a solution is at hand may seem outrageous. Isn't consciousness intangible, beyond the reach of science? Yet Mark Solms shows how misguided fears and suppositions have concealed its true nature. Stick to the medical facts, pay close attention to the eerie testimony of hundreds of neurosurgery patients, and a way past our obstacles reveals itself. Join Solms on a voyage into the extraordinary realms beyond. More than just a philosophical argument, The Hidden Spring will forever alter how you understand your own experience. There is a secret buried in the brain's ancient foundations: bring it into the light and we fathom all the depths of our being.

The Hidden Spring

Panpsychism has become a highly attractive position in the philosophy of mind. On panpsychism, both the physical and the mental are inseparable and fundamental features of reality. Panentheism has also become immensely popular in the philosophy of religion. Panentheism strives for a higher reconciliation of an atheistic pantheism, on which the universe itself is causa sui, and the ontological dualism of necessarily existing, eternal creator and contingent, finite creation. Historically and systematically, panpsychism and panentheism often went together as essential parts of an all-embracing metaphysical theory of Being. The present collection of essays analyses the relation between panpsychism and panentheism and provides critical reflections on the significance of panpsychistic and panentheistic thinking for recent debates in philosophy and theology.

Panentheism and Panpsychism

A fascinating exploration of the human brain that combines "the leading edge of consciousness science with surprisingly personal and philosophical reflection . . . shedding light on how scientists really think"—this is "science writing at its best" (Times Higher Education). In which a scientist searches for an empirical explanation for phenomenal experience, spurred by his instinctual belief that life is meaningful. What links conscious experience of pain, joy, color, and smell to bioelectrical activity in the brain? How can anything physical give rise to nonphysical, subjective, conscious states? Christof Koch has devoted much of his career to bridging the seemingly unbridgeable gap between the physics of the brain and phenomenal experience. This engaging book—part scientific overview, part memoir, part futurist speculation—describes Koch's search for an empirical explanation for consciousness. Koch recounts not only the birth of the modern science of consciousness but also the subterranean motivation for his quest—his instinctual (if "romantic") belief that life is meaningful. Koch describes his own groundbreaking work with Francis Crick in the 1990s and 2000s and the gradual emergence of consciousness (once considered a "fringy" subject) as a legitimate topic for scientific investigation. Present at this paradigm shift were Koch and a handful of colleagues, including Ned Block, David Chalmers, Stanislas Dehaene, Giulio Tononi, Wolf Singer, and others. Aiding and abetting it were new techniques to listen in on the activity of individual nerve cells, clinical studies, and brain-imaging technologies that allowed safe and noninvasive study of the human brain in action. Koch gives us stories from the front lines of modern research into the neurobiology of consciousness as well as his own reflections on a variety of topics, including the distinction between attention and awareness, the unconscious, how neurons respond to Homer Simpson, the physics and biology of free will, dogs, Der Ring des Nibelungen, sentient machines, the loss of his belief in a personal God, and sadness. All of them are signposts in the pursuit of his life's work—to uncover the roots of consciousness.

Consciousness

The bestselling author of Dogs That Know When Their Owners Are Coming Home offers an intriguing new assessment of modern day science that will radically change the way we view what is possible. In Science Set Free (originally published to acclaim in the UK as The Science Delusion), Dr. Rupert Sheldrake, one of the world's most innovative scientists, shows the ways in which science is being constricted by assumptions that have, over the years, hardened into dogmas. Such dogmas are not only limiting, but dangerous for the future of humanity. According to these principles, all of reality is material or physical; the world is a machine, made up of inanimate matter; nature is purposeless; consciousness is nothing but the physical activity of the brain; free will is an illusion; God exists only as an idea in human minds, imprisoned within our skulls. But should science be a belief-system, or a method of enquiry? Sheldrake shows that the materialist ideology is moribund; under its sway, increasingly expensive research is reaping diminishing returns while societies around the world are paying the price. In the skeptical spirit of true science, Sheldrake turns the ten fundamental dogmas of materialism into exciting questions, and shows how all of them open up startling new possibilities for discovery. Science Set Free will radically change your view of what is real and what is possible.

Science Set Free

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