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KEY=HEAVENS - MORSE HALLIE

KNOCKING ON HEAVEN'S DOOR

HOW PHYSICS AND SCIENTIFIC THINKING ILLUMINATE OUR UNIVERSE

Random House The bestselling author of "Warped Passages," one of "TIME" magazine's "100 Most Influential People in the World," gives an exhilarating overview of the latest ideas in physics and offers a rousing defense of the role of science in everyday life.

KNOCKING ON HEAVEN'S DOOR

HOW PHYSICS AND SCIENTIFIC THINKING ILLUMINATE THE UNIVERSE AND THE MODERN WORLD

Random House "From the one of Time magazine's "100 Most Influential People in the World"-- and bestselling author of Warped Passages--an exhilarating and readable overview of the latest ideas in physics and a rousing defense of the role of science in our lives"--

WARPED PASSAGES

UNRAVELING THE MYSTERIES OF THE UNIVERSE'S HIDDEN DIMENSIONS

Harper Collins The universe has many secrets. It may hide additional dimensions of space other than the familiar three we recognize. There might even be another universe adjacent to ours, invisible and unattainable . . . for now. Warped Passages is a brilliantly readable and altogether exhilarating journey that tracks the arc of discovery from early twentieth-century physics to the razor's edge of modern scientific theory. One of the world's leading theoretical physicists, Lisa Randall provides astonishing scientific possibilities that, until recently, were restricted to the realm of science fiction. Unraveling the twisted threads of the most current debates on relativity, quantum mechanics, and gravity, she explores some of the most fundamental questions posed by Nature—taking us into the warped, hidden dimensions underpinning the universe we live in, demystifying the science of the myriad worlds that may exist just beyond our own.

HIGGS DISCOVERY

THE POWER OF EMPTY SPACE

Random House "What is the Higgs boson? And where will its discovery lead? Renowned physicist Lisa Randall explains this landmark event in modern science and its startlingly beautiful implications. On July 4th, 2012, one of physics' most exhilarating results was announced: a new particle -- and very likely a new kind of particle -- had been discovered at the Large Hadron Collider, the huge particle accelerator designed to reproduce energies present in the universe a fraction of a second after the Big Bang. The particle's existence had been speculated on for nearly fifty years: here, finally, was proof."--Publisher.

DARK MATTER AND THE DINOSAURS

THE ASTOUNDING INTERCONNECTEDNESS OF THE UNIVERSE

Random House The most thrilling, genre-busting, unlikely science book you'll ever read, from the world-renowned, multi-award-winning, superstar physicist Lisa Randal. 66 million years ago, a ten-mile-wide object from outer space hurtled into the Earth at incredible speed. The impact annihilated the dinosaurs, along with three-quarters of the other species on the planet. But what if this catastrophe was the sign of something greater: an opening vista onto the interconnectedness of the universe itself? This is the story of the astounding forces that underpin our existence; a horizon-expanding tour of the cosmos that unifies what we know about the universe with new thinking. From the far-flung reaches of space, the makeup of the universe and our solar system's place within it, to the mysterious and elusive stuff of dark matter and how it affects life here on Earth. 'A fascinating, and surprisingly simple, theory...and a tantalising premise' The Times 'Extremely engaging' BBC Focus

KNOCKING ON HEAVEN'S DOOR

A NOVEL

Simon and Schuster On a hotter and more volatile earth in the twenty-third century, humans like Clare and Jon live in utopia, hunting and gathering in small tribal bands, engaged in daily art and ritual, reunited with old friends like the shaggy mammoth and giant ground sloth. Even better, they still have solar-powered laptops and can communicate with each other around the world. The understanding of physics has also advanced. When scientists first cloned extinct species from the Pleistocene, they discovered that many of them were telepathic—that consciousness travels in waves. For most people, animism has become the preferred religion, a panpsychism compatible with the laws of a fractal holographic universe. As Clare tells one of her students, the return to an older, Paleolithic lifestyle is “one of humanity’s greatest achievements.” It’s too bad that utopia had to come at such a cost: a genetically engineered super-virus that wiped out most of earth’s human population. Humanity was shaken by that event, and humanity vowed to change. Now, on the 150th anniversary of that catastrophe, a small group of men and women—as well as a smarter-than-average dire wolf and saber-toothed cat—are suddenly faced with decisions in which the stakes are higher than ever before. Will earth repeat the cycle of unbridled hubris? Or is humanity’s destiny even stranger than that? Skyhorse Publishing, under our Night Shade and Talos imprints, is proud to publish a broad range of titles for readers interested in science fiction (space opera, time travel, hard SF, alien invasion, near-future dystopia), fantasy (grimdark, sword and sorcery, contemporary urban fantasy, steampunk, alternative history), and horror (zombies, vampires, and the occult and supernatural), and much more. While not every title we publish becomes a New York Times bestseller, a national bestseller, or a Hugo or Nebula award-winner, we are committed to publishing quality books from a diverse group of authors.

KNOCKING ON HEAVEN'S DOOR

THE PATH TO A BETTER WAY OF DEATH

Simon and Schuster Outlines a less invasive, more humane approach to end-of-life care, sharing the stories of the author's parents and explaining the political and technological factors that are interfering with patient preferences.

RESCUING THE PLANET

PROTECTING HALF THE LAND TO HEAL THE EARTH

Vintage An urgent, resounding call to protect 50 percent of the earth's land by 2050--thereby saving millions of its species--and a candid assessment of the health of our planet and our role in conserving it, from the award-winning author of *The Experience of Place* and veteran *New Yorker* staff writer. "An upbeat and engaging account of the remarkable progress being made to preserve vast wild spaces for animals to roam." --*The Wall Street Journal* Beginning in the vast North American Boreal Forest that stretches through Canada, and roving across the continent, from the Northern Sierra to Alabama's Paint Rock Forest, from the Appalachian Trail to a ranch in Mexico, Tony Hiss sets out on a journey to take stock of the "superorganism" that is the earth: its land, its elements, its plants and animals, its greatest threats--and what we can do to keep it, and ourselves, alive. Hiss not only invites us to understand the scope and gravity of the problems we face, but also makes the case for why protecting half the land is the way to fix those problems. He highlights the important work of the many groups already involved in this fight, such as the Indigenous Leadership Initiative, the Yellowstone to Yukon Conservation Initiative, and the global animal tracking project ICARUS. And he introduces us to the engineers, geologists, biologists, botanists, oceanographers, ecologists, and other "Half Earthers" like Hiss himself who are allied in their dedication to the unifying, essential cause of saving our own planet from ourselves. Tender, impassioned, curious, and above all else inspiring, *Rescuing the Planet* is a work that promises to make all of us better citizens of the earth.

FOR THE LOVE OF PHYSICS

FROM THE END OF THE RAINBOW TO THE EDGE OF TIME - A JOURNEY THROUGH THE WONDERS OF PHYSICS

Simon and Schuster Largely autobiographical account of the author's life as one who fell in love first with physics and then with teaching physics to students.

THE PHYSICS BOOK

FROM THE BIG BANG TO QUANTUM RESURRECTION, 250 MILESTONES IN THE HISTORY OF PHYSICS

Sterling Publishing Company Incorporated Containing 250 short, entertaining, and thought-provoking entries, this book explores such engaging topics as dark energy, parallel universes, the Doppler effect, the God particle, and Maxwell's demon. The timeline extends back billions of years to the hypothetical Big Bang and forward trillions of years to a time of quantum resurrection.

HIGGS

THE INVENTION AND DISCOVERY OF THE 'GOD PARTICLE'

Oxford University Press Explains the science behind the discover of the Higgs particle, also known as the God particle, and its implications for the future of science. 20,000 first printing.

KNOCKING ON HEAVEN'S DOOR

HOW PHYSICS AND SCIENTIFIC THINKING ILLUMINATE OUR UNIVERSE

Random House Sunday Times Science Book of the Year 2011. We are poised on the edge of discovery in particle physics (the study of the smallest objects we know of) and cosmology (the study of the largest), and when these breakthroughs come, they will revolutionise what we think we know about the universe, and the modern world. Lisa Randall guides us through the latest ideas, charting the thrilling progress we have made in understanding the universe - from Galileo and Newton to Einstein and the Large Hadron Collider and the search for the Higgs boson. Yet it's about more than just physics - Randall explains how we decide what questions to ask; how risk, beauty, creativity and truth play a role in scientific thinking; and how answering the big questions will ultimately tell us who we are and where we came from.

WARPED PASSAGES

UNRAVELLING THE UNIVERSE'S HIDDEN DIMENSIONS

Penguin UK In Warped Passages one of the world's most exciting scientists gives us a glimpse into our future. Incredibly readable - and illustrated throughout - it allows the general reader to understand the questions that scientists are dealing with at the frontiers of research today. Lisa Randall allows the reader to understand the kind of problems that extra dimensions might solve and the kind of speculation that is needed even to imagine them. She also gives an introduction to developments in early twentieth century physics, particle physics and string theory and addresses current debates about relativity, quantum mechanics and gravity - and she describes the questions that are still to be solved.

THE TRANSITION TO COLLEGE WRITING

Bedford/st Martins This brief rhetoric introduces the essential reading and writing strategies students need to succeed in courses across the curriculum. Taking the transition from high school to college as his starting point, Hjortshoj speaks directly and honestly to students, offering them practical strategies to shed ineffective habits and move toward a more mature, flexible understanding of how to respond to academic challenges. Distilling information about writing assignments from across the curriculum, Hjortshoj shows students how to decode these assignments and approach them effectively. The second edition offers more advice on how to meet the difficult challenge of synthesizing and integrating sources, and the text has been streamlined to be a better reference.

TIME REBORN

FROM THE CRISIS IN PHYSICS TO THE FUTURE OF THE UNIVERSE

Houghton Mifflin Harcourt A theoretical physicist and author of the controversial best-seller *The Trouble with Physics* describes his new approach for thinking about the reality of time and explains his theory about the laws of physics not being timeless but rather capable of evolving.

WHY PEOPLE BELIEVE WEIRD THINGS

PSEUDOSCIENCE, SUPERSTITION AND OTHER CONFUSIONS OF OUR TIME

Souvenir Press A survey of a range of irrationalisms, with explanations of their empirical and logical flaws, this book describes the differences between science and pseudo-science, and goes on to describe and critique popular contemporary irrationalisms. Why do smart people believe weird things? Why do so many people believe in mind reading, past-life regression therapy, extra-terrestrial abduction and ghosts? What is behind the rise of 'scientific creationism' and Holocaust denial? In an age of supposed scientific enlightenment why do we appear more impressionable than ever? Scientific historian, and director of the Skeptics Society, Michael Shermer debunks these extraordinary claims in a no-holds-barred assault on the popular superstitions and confused prejudices of our time. Exploring the very human reasons behind otherworldly phenomena, conspiracy theories and cults Shermer explains why are they are so appealing to so many. "Skepticism is the agent of reason against organized irrationalism -and is therefore one of the keys to human social and civic decency." Stephen Jay Gould, from his foreword Shermer reveals the darker side of wishful thinking, through the recovered memory movement, satanic rituals and other modern witch hunts, and ideologies of racial superiority. Confronting those who take advantage of the gullibility of other people to advance their own, self-serving agendas *Why People Believe Weird Things* is compelling and often disturbing. It is a perceptive portrait of the human capacity for self-delusion and a celebration of the scientific spirit.

HEAVEN'S DOOR

IMMIGRATION POLICY AND THE AMERICAN ECONOMY

Princeton University Press An economic analysis of the effects of the most recent wave of immigrants to the U.S. reveals mixed results for the nation as whole, and very bad news for the underclass, in a ground-breaking study.

OPENING HEAVEN'S DOOR

WHAT THE DYING ARE TRYING TO SAY ABOUT WHERE THEY'RE GOING

Simon and Schuster The first book by a respected journalist on Nearing Death Awareness—similar to Near-Death Experience—this “fascinating” (Kirkus Reviews) exploration brings “humor, sympathy, and keen critical intelligence to a topic that is all too often off-limits” (Ptolemy Tompkins, collaborator with Eben Alexander on *Proof of Heaven*). People everywhere carry with them extraordinary, deeply comforting experiences that arrived at the moment when they most needed relief: when they lost a loved one. These

experiences can include clear messages from beyond, profound and vividly beautiful visions, mysterious connections and spiritual awareness, foreknowledge of a loved one's passing—all of which evade explanation by science and logic. Most people keep these transcendent experiences secret for fear they will be discounted by hyperrational scrutiny. Yet these very common occurrences have the power to console, comfort, and even transform our understanding of life and death. Prompted by her family's surprising, profound experiences around the death of her father and her sister, reporter Patricia Pearson sets out on an open-minded inquiry, a rare journalistic investigation of Nearing Death Awareness, which Anne Rice praises as "substantive, eloquent, and worthwhile." Opening Heaven's Door offers deeply affecting stories of messages from the dying and the dead in a fascinating work of investigative journalism, pointing to new scientific explanations that give these luminous moments the importance felt by those who experience them. Pearson also delves into out-of-body and near-death experiences, examining stories and research to make sense of these related but distinct categories. Challenging current assumptions about what we know and what we are still unable to explain, Opening Heaven's Door will forever alter your perceptions of the nature of life and death.

KNOCK, KNOCK, WHO'S THERE?

Hachette UK Johnny Bianda is a man with a dream. He wants to own a boat off the coast of Florida and he only needs \$186,000 to buy it. He steals the money from his firm, knowing that one day they'll notice and one day they'll kill him for it - after all, it is the Mafia. But for Johnny Bianda, the risk is worth taking and he knows it will be at least a year before they catch up with him. Unfortunately for Bianda, the knock on his door comes sooner than he thinks ...

THE SCIENTIFIC SUBLIME

Oxford University Press The sublime evokes our awe, our terror, and our wonder. Applied first in ancient Greece to the heights of literary expression, in the 18th-century the sublime was extended to nature and to the sciences, enterprises that viewed the natural world as a manifestation of God's goodness, power, and wisdom. In *The Scientific Sublime*, Alan Gross reveals the modern-day sublime in popular science. He shows how the great popular scientists of our time--Richard Feynman, Stephen Hawking, Steven Weinberg, Brian Greene, Lisa Randall, Rachel Carson, Stephen Jay Gould, Steven Pinker, Richard Dawkins, and E. O. Wilson--evoke the sublime in response to fundamental questions: How did the universe begin? How did life? How did language? These authors maintain a tradition initiated by Joseph Addison, Edmund Burke, Immanuel Kant, and Adam Smith, towering 18th-century figures who adapted the literary sublime first to nature, then to science--though with one crucial difference: religion has been replaced wholly by science. In a final chapter, Gross explores science's attack on religion, an assault that attempts to sweep permanently under the rug two questions science cannot answer: What is the meaning of life? What is the meaning of the good life?

STORM IN A TEACUP

THE PHYSICS OF EVERYDAY LIFE

Random House 'A quite delightful book on the joys, and universality, of physics. Czerski's enthusiasm is infectious because she brings our humdrum everyday world to life, showing us that it is just as fascinating as anything that can be seen by the Hubble Telescope or created at the Large Hadron Collider.' - Jim Al-Khalili Our world is full of patterns. If you pour milk into your tea and give it a stir, you'll see a swirl, a spiral of two fluids, before the two liquids mix completely. The same pattern is found elsewhere too. Look down on the Earth from space, and you'll find similar swirls in the clouds, made where warm air and cold air waltz. In *Storm in a Teacup*, Helen Czerski links the little things we see every day with the big world we live in. Each chapter begins with something small - popcorn, coffee stains and refrigerator magnets - and uses it to explain some of the most important science and technology of our time. This is physics as the toolbox of science - a toolbox we need in order to make sense of what is around us and arrive at decisions about the future, from medical advances to solving our future energy needs. It is also physics as the toy box of science: physics as fun, as never before.

THE WORKING CLASS MAJORITY

AMERICA'S BEST KEPT SECRET

Cornell University Press In the second edition of his essential book—which incorporates vital new information and new material on immigration, race, gender, and the social crisis following 2008—Michael Zweig warns that by allowing the working class to disappear into categories of "middle class" or "consumers," we also allow those with the dominant power, capitalists, to vanish among the rich. Economic relations then appear as comparisons of income or lifestyle rather than as what they truly are—contests of power, at work and in the larger society.

GREEKS, BOOKS AND LIBRARIES IN RENAISSANCE VENICE

Walter de Gruyter GmbH & Co KG What does writing Greek books mean at the height of the Cinquecento in Venice? The present volume provides fascinating insights into Greek-language book production at a time when printed books were already at a rather advanced stage of development with regards to requests, purchases and exchanges of books; copying and borrowing practices; relations among intellectuals and with institutions, and much more. Based on the investigation into selected institutional and private libraries - in particular the book collection of Gabriel Severos, guide of the Greek Confraternity in Venice - the authors present new pertinent evidence from Renaissance books and documents, discuss methodological questions, and propose innovative research perspectives for a sociocultural approach to book histories.

PINCHED

HOW THE GREAT RECESSION HAS NARROWED OUR FUTURES AND WHAT WE CAN DO ABOUT IT

Broadway Books An editor of The Atlantic best known for his 2010 cover story, "How a New Jobless Era Will Transform America," presents cautionary predictions about American life in the aftermath of the recession that describes long-term consequences being faced by Americans from every walk of life.

OUR SACRED SOURCE

A THEOLOGY GROUNDED IN MODERN PHYSICS, ABOUT A CREATOR GOD AND WHY WE ARE HERE

Wipf and Stock Publishers Life is not a cakewalk for any of us. We each have our individual sufferings and challenges in life, and we each must endure vital questions that have no certain answers. Why are we here? Where is God when we need him? How do our lives matter in the long run? Our science cannot help us with such questions, but theology can. And that's what this book has to offer. This book's theology is based on an arresting theory about God. Turning to modern physics, it finds God in the origin of the universe and in the innermost foundations of the natural world. The universe flowed from his nature, but his nature was not perfect, which is why we have an imperfect world where bad things happen to good people. And yet we also find this God deep within us, enabling us to confront our suffering with resilience and grace. The evil in the world has power, but we have power too, the power from our inner God to hold steady against the slings and arrows of our misfortunes. The theology presented here builds on the discoveries of particle physics and quantum mechanics about the foundational building blocks and forces in all of creation. These reveal the abounding spirit and purposes of the Creator—a spirit that empowers us and instills in us purposes we can embrace and foster. It may seem we are essentially on our own as we navigate through life, but in this book's theology, God is always and everywhere with us and in us.

THE ART OF MEDICINE

OVER 2,000 YEARS OF IMAGES AND IMAGINATION

Presents over 2,000 years of medical illustrations, including paintings, artifacts, drawings, prints, and extracts from manuscripts and manuals.

HOW TO TEACH RELATIVITY TO YOUR DOG

Basic Books Explains the principles of relativity, profiling leading minds such as Albert Einstein, Brian Greene, and Stephen Hawking to simplify their theories on time dilation, extra dimensions, and relative motion.

POWER TO SAVE THE WORLD

THE TRUTH ABOUT NUCLEAR ENERGY

Vintage An informed look at the myths and fears surrounding nuclear energy, and a practical, politically realistic solution to global warming and our energy needs. Faced by the world's oil shortages and curious about alternative energy sources, Gwyneth Cravens skeptically sets out to find the truth about nuclear energy. Her conclusion: it is a totally viable and practical solution to global warming. In the end, we see that if we are to care for subsequent generations, embracing nuclear energy is an ethical imperative.

READ, WRITE, LEAD

BREAKTHROUGH STRATEGIES FOR SCHOOLWIDE LITERACY SUCCESS

ASCD Literacy is a skill for all time, for all people. It is an integral part of our lives, whether we are students or adult professionals. Giving all educators the breadth of knowledge and practical tools that help students strengthen their literacy skills is the focus of Read, Write, Lead. Drawing on her experience as a mentor teacher, reading specialist, instructional coach, and staff developer, author Regie Routman offers time-tested advice on how to develop a schoolwide learning culture that leads to more effective reading and writing across the curriculum. She explains how every school—including yours—can: implement instructional practices that lead to better engagement and achievement in reading and writing for all students, from kindergarten through high school, including second-language and struggling learners; build Professional Literacy Communities of educators working together to create sustainable school change through professional learning based on shared beliefs; reduce the need for intervention through daily practices that ensure success, even for our most vulnerable learners; and embed the language of productive feedback in responsive instruction, conferences, and observations in order to accelerate learning for students, teachers, and leaders. In their own voices, teachers, principals, literacy specialists, and students offer real-life examples of changes that led to dramatic improvement in literacy skills and—perhaps just as important—increased joy in teaching and learning. Scattered throughout the book are "Quick Wins"—ideas and actions that can yield positive, affirming results while tackling the tough work of long-term change.

POINTS OF CONTACT

SCIENCE, RELIGION, AND THE SEARCH FOR TRUTH

Orbis Books "A Catholic scientist offers a proposal for reconciling the historically evolving divide between science and religion"--

THE CARTOON GUIDE TO CALCULUS

HarperCollins A complete—and completely enjoyable—new illustrated guide to calculus Master cartoonist Larry Gonick has already given readers the history of the world in cartoon form. Now, Gonick, a Harvard-trained mathematician, offers a comprehensive and up-to-date illustrated course in first-year calculus that demystifies the world of functions, limits, derivatives, and integrals. Using clear

and helpful graphics—and delightful humor to lighten what is frequently a tough subject—he teaches all of the essentials, with numerous examples and problem sets. For the curious and confused alike, *The Cartoon Guide to Calculus* is the perfect combination of entertainment and education—a valuable supplement for any student, teacher, parent, or professional.

FUNDAMENTALS

TEN KEYS TO REALITY

Penguin UK One of our great contemporary scientists reveals the ten profound insights that illuminate what everyone should know about the physical world. In *Fundamentals*, Nobel laureate Frank Wilczek offers the reader a simple yet profound exploration of reality based on the deep revelations of modern science. With clarity and an infectious sense of joy, he guides us through the essential concepts that form our understanding of what the world is and how it works. Through these pages, we come to see our reality in a new way—bigger, fuller, and stranger than it looked before. Synthesizing basic questions, facts, and dazzling speculations, Wilczek investigates the ideas that form our understanding of the universe: time, space, matter, energy, complexity, and complementarity. He excavates the history of fundamental science, exploring what we know and how we know it, while journeying to the horizons of the scientific world to give us a glimpse of what we may soon discover. Brilliant, lucid, and accessible, this celebration of human ingenuity and imagination will expand your world and your mind.

QUANTUM SPACE

LOOP QUANTUM GRAVITY AND THE SEARCH FOR THE STRUCTURE OF SPACE, TIME, AND THE UNIVERSE

Oxford University Press, USA Today we are blessed with two extraordinarily successful theories of physics. The first is Albert Einstein's general theory of relativity, which describes the large-scale behaviour of matter in a curved spacetime. This theory is the basis for the standard model of big bang cosmology. The discovery of gravitational waves at the LIGO observatory in the US (and then Virgo, in Italy) is only the most recent of this theory's many triumphs. The second is quantum mechanics. This theory describes the properties and behaviour of matter and radiation at their smallest scales. It is the basis for the standard model of particle physics, which builds up all the visible constituents of the universe out of collections of quarks, electrons and force-carrying particles such as photons. The discovery of the Higgs boson at CERN in Geneva is only the most recent of this theory's many triumphs. But, while they are both highly successful, these two structures leave a lot of important questions unanswered. They are also based on two different interpretations of space and time, and are therefore fundamentally incompatible. We have two descriptions but, as far as we know, we've only ever had one universe. What we need is a quantum theory of gravity. Approaches to formulating such a theory have primarily followed two paths. One leads to String Theory, which has for long been fashionable, and about which much has been written. But String Theory has become mired in problems. In this book, Jim Baggott describes "the road less travelled": an approach which takes relativity as its starting point, and leads to a structure called Loop Quantum Gravity. Baggott tells the story through the careers and pioneering work of two of the theory's most prominent contributors, Lee Smolin and Carlo Rovelli. Combining clear discussions of both quantum theory and general relativity, this book offers one of the first efforts to explain the new quantum theory of space and time.

ABOUT TIME

EINSTEIN'S UNFINISHED REVOLUTION

Penguin UK This is a book about the meaning of time, what it is, when it has started, how it flows and where to. It examines the consequences of Einstein's theory of relativity and offers startling suggestions about what recent research may reveal.

THE EARTH AND I

Scientist, inventor, and pioneering environmentalist James Lovelock brings together a richly illustrated collection of essays on earth and human science from 12 of today's leading thinkers. From stars to cells, quantum theory to capitalism, ancient fossils to Artificial Intelligence, this book delivers a holistic understanding of our planet and...

BEYOND BIOCENTRISM

RETHINKING TIME, SPACE, CONSCIOUSNESS, AND THE ILLUSION OF DEATH

BenBella Books, Inc. Biocentrism shocked the world with a radical rethinking of the nature of reality. But that was just the beginning. In *Beyond Biocentrism*, acclaimed biologist Robert Lanza, one of *TIME* Magazine's "100 Most Influential People in 2014," and leading astronomer Bob Berman, take the reader on an intellectual thrill-ride as they re-examine everything we thought we knew about life, death, the universe, and the nature of reality itself. The first step is acknowledging that our existing model of reality is looking increasingly creaky in the face of recent scientific discoveries. Science tells us with some precision that the universe is 26.8 percent dark matter, 68.3 percent dark energy, and only 4.9 percent ordinary matter, but must confess that it doesn't really know what dark matter is and knows even less about dark energy. Science is increasingly pointing toward an infinite universe but has no ability to explain what that really means. Concepts such as time, space, and even causality are increasingly being demonstrated as meaningless. All of science is based on information passing through our consciousness but science hasn't the foggiest idea what consciousness is, and it can't explain the linkage between subatomic states and observation by conscious observers. Science describes life as a random occurrence in a dead universe but has no real understanding of how life began or why the universe appears to be exquisitely designed for the emergence of life. The biocentrism theory isn't a rejection of science. Quite the opposite. Biocentrism challenges us to fully accept the implications of the latest scientific findings in fields ranging from plant biology and cosmology to quantum entanglement and consciousness. By listening to what the science is telling us, it becomes increasingly clear

that life and consciousness are fundamental to any true understanding of the universe. This forces a fundamental rethinking of everything we thought we knew about life, death, and our place in the universe.

EARTHING THE COSMIC CHRIST OF EPHESIANS, VOLUME 1

THE UNIVERSE, TRINITY, AND ZHIYI'S THREEFOLD TRUTH

Wipf and Stock Publishers This is the introductory volume of a multivolume, verse-by-verse, interfaith rereading of the New Testament letter to the Ephesians. It looks to the Tiantai Buddhist master Zhiyi and his “threefold truth” to enhance our appreciation of nascent trinitarian themes in Ephesians. And it draws upon a broad array of scientific, theological, and philosophical thinkers in aid of rejecting the epistle's ancient, geocentric cosmology and its accommodations to the misogynistic, patriarchal, and slaveholding norms of its first-century surroundings. As a whole, the work constitutes a twenty-first century apologetic for doctrinal humility and for theologizing within a global theological commons.

THE BEAUTIFUL INVISIBLE

CREATIVITY, IMAGINATION, AND THEORETICAL PHYSICS

Oxford University Press Presents an account of the fundamental topics of theoretical physics from the viewpoint of imagination and beauty.

PHYSICS AND LITERATURE

CONCEPTS - TRANSFER - AESTHETICIZATION

Walter de Gruyter GmbH & Co KG DIE REIHE: LITERATUR- UND NATURWISSENSCHAFTEN entsteht unter Federführung des Erlanger Forschungszentrums für Literatur- und Naturwissenschaften (ELINAS). Experten unterschiedlicher Fachkulturen führen darin ihre Methoden zusammen und fragen sowohl nach den Funktionen der Sprache in der naturwissenschaftlichen Forschung als auch nach den Verfahren der Modellierung naturwissenschaftlicher Erkenntnisse in der Literatur. Die Reihe versteht sich als ein interdisziplinäres Forum zur Reflexion der kulturellen Bedeutung natur- und literaturwissenschaftlicher Forschung sowie zur Ethik und Rhetorik wissenschaftlicher Argumentation.

PHYSICS ESSENTIALS FOR DUMMIES

John Wiley & Sons Physics Essentials For Dummies (9781119590286) was previously published as Physics Essentials For Dummies (9780470618417). While this version features a new Dummies cover and design, the content is the same as the prior release and should not be considered a new or updated product. For students who just need to know the vital concepts of physics, whether as a refresher, for exam prep, or as a reference, Physics Essentials For Dummies is a must-have guide. Free of ramp-up and ancillary material, Physics Essentials For Dummies contains content focused on key topics only. It provides discrete explanations of critical concepts taught in an introductory physics course, from force and motion to momentum and kinetics. This guide is also a perfect reference for parents who need to review critical physics concepts as they help high school students with homework assignments, as well as for adult learners headed back to the classroom who just need a refresher of the core concepts. The Essentials For Dummies Series Dummies is proud to present our new series, The Essentials For Dummies. Now students who are prepping for exams, preparing to study new material, or who just need a refresher can have a concise, easy-to-understand review guide that covers an entire course by concentrating solely on the most important concepts. From algebra and chemistry to grammar and Spanish, our expert authors focus on the skills students most need to succeed in a subject.