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Jim Lovelock is an iconic figure in British science, a prophet whose prophecies are coming true. This is his definitive authorised biography. Lovelock is best known as the 'father' of Gaia theory, which is now established as the most useful way of understanding the dramatic changes happening to the environment of the Earth. But few people know about his early work as a chemist and inventor - work which included inventing the detectors used to search for

life on Mars, and blowing the whistle on the depletion of ozone layer. In his personal life, he was a Quaker and conscientious objector in World War Two (later changing his mind in view of the evils of Nazism), supported his family for a time by selling his own blood, and gave up a salary and security to become an independent scientist based in an English village - from which all his best known work emerged. As he approaches his 90th birthday, looking forward to going into space, this book truly reveals an independent, original and inspiring life.

"Lash is capable of explaining the mind-bending concepts of Gnosticism and pagan mystery cults with bracing clarity and startling insight. . . . [His] arguments are often lively and entertaining."—Los Angeles Times

In *Not in His Image* John Lamb Lash explains how a little-known messianic sect propelled itself into a dominant world power, systematically wiping out the great Gnostic spiritual teachers, the Druid priests, and the shamanistic healers of Europe and North Africa. Early Christians burned libraries and destroyed temples in an attempt to silence the ancient truth-tellers and keep their own secrets. But as Lash reveals the truth cannot be hidden or destroyed. *Not in His Image* delves deeply into the shadows of ancient Gnostic writings to reconstruct the story early Christians tried to scrub from the pages of history, exploring the richness of the ancient European Pagan spirituality—the Pagan

Mysteries, the Great Goddess, Gnosis, the myths of Sophia and Gaia. Long before the birth of Christianity, monotheism was an anomaly; Europe and the Near East flourished under the divine guidance of Sophia, the ancient goddess of wisdom. The Earth was the embodiment of Sophia and thus sacred to the people who sought fulfillment in her presence. This ancient philosophy was threatening to the emerging salvation-based creed of Christianity that was based on patriarchal dominion over the Earth and lauded personal suffering as a path to the afterlife. As Derrick Jensen points out in the afterword, in Lash's hands Jesus Christ emerges as the agent provocateur of the ruling classes.

"Sometimes a book changes the world. Not in His Image is such a book. It is clear, stimulating, well-researched, and sure to outrage the experts. . . . Get it. Improve not just your own life, but civilization's chances for survival."—Roger Payne, author of *Among Whales*

This number of *Marcel Proust Aujourd'hui*, 'Swann at 100/Swann à 100 ans', brings together fifteen articles, in English and French, that approach *Du côté de chez Swann* from various perspectives: reception studies, thematic and stylistic studies, cultural and intellectual history. Ce numéro de *Marcel Proust Aujourd'hui*, 'Swann at 100/Swann à 100 ans' regroupe quinze articles, en anglais et en français, traitant de *Du côté de chez Swann* sous

plusieurs perspectives : réception, thématique, stylistique, histoire culturelle et intellectuelle.

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The world around us seems to be a complex place. But, as John Gribbin explains, chaos and complexity obey simple laws - essentially, the same straightforward principles that Isaac Newton discovered more than 300 years ago.

Over the past two decades, no field of scientific inquiry has had a more striking impact across a wide array of disciplines—from biology to physics, computing to meteorology—than that known as chaos and complexity, the study of complex systems. Now astrophysicist John Gribbin draws on his expertise to explore, in prose that communicates not only the wonder but the substance of cutting-edge science, the principles behind chaos and complexity. He reveals the remarkable ways these two revolutionary theories have been applied over the last twenty years to explain all sorts of phenomena—from weather patterns to mass extinctions. Grounding these paradigm-shifting ideas in their historical context, Gribbin also traces their development from Newton to Darwin to Lorenz, Prigogine, and Lovelock, demonstrating how—far from overturning all that has gone before—chaos and complexity are the triumphant extensions of simple scientific laws. Ultimately, Gribbin illustrates how chaos and complexity permeate the universe on every scale, governing the evolution of life and galaxies alike.

Does one planet really matter among the immensity of the Cosmos? John Gribbin is here to persuade us that it does. In this ground-breaking and provocative new book

Gribbin argues that we owe our existence to the impact of a 'supercomet' with Venus 600 million years ago. But this is only part of the story, just one of the astronomical and geophysical reasons why the Earth is special. For the first time, he makes the link between the whole series of cosmic events that have affected the Earth and given rise to our intelligent civilization - a civilization, Gribbin argues, that is unique within our Milky Way Galaxy. Even if other Earths are common, and life itself may be common, the kind of intelligent, technological civilization that has emerged on Earth occurs only here. If humankind can survive the present environmental crises, the whole of the galaxy may become our home. And if not, our demise may be an event of literally universal significance.

A highly entertaining and accessible introduction to our planet from the bestselling author of *In Search of Schrödinger's Cat*, *The Scientists*, and *In Search of the Multiverse* In this lively expedition into the origins, evolution, and workings of our planet, John Gribbin does what he does best: gathers 4.5 billion years of geological history and shares the best bits. Taking an astronomer's perspective, Gribbin follows Earth's development from its beginnings in cosmic gas and dust to the explosion of human life after the last ice age, combining stories of scientific discovery with gripping accounts of geological activity - earthquakes, volcanoes, and climate change. Along the journey we consider Lord Kelvin's time-scale for the life of the sun; the meteorologist who first championed the idea of continental drift; and an intriguing proposal that Earth has expanded substantially

in recent millennia. Told in Gribbin's dynamic and beloved voice, this is the perfect introduction to geology and an essential guidebook for anyone wanting to better appreciate the wonders of our shared home.

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Scores of books and articles have been written in the popular press and mainstream marketplace about leadership: who leaders are, what they do, and why they matter. Yet in academia, there is a dearth of rigorous research, journal articles, or doctoral programs focused on leadership as a discipline. Why do top business schools espouse mission statements that promise to "educate the leaders of the future"- yet fail to give leadership its intellectual due? The Handbook of Leadership Theory and Practice seeks to bridge this disconnect. Based on the Harvard Business School Centennial Colloquium "Leadership: Advancing an Intellectual Discipline" and edited by HBS professors Nitin Nohria and Rakesh Khurana, this volume brings together the most important scholars from fields as diverse as psychology, sociology, economics, and history to take stock of what we know about leadership and to set an agenda for future research. More than a means of getting ahead and gaining power, leadership must be understood as a serious professional and personal responsibility. Featuring the thinking of today's most renowned scholars, the Handbook of Leadership Theory and Practice will be a catalyst for elevating leadership to a higher intellectual plane - and help shape

the research agenda for the next generation of leadership scholars.

Critical acclaim for John Gribbin ""The master of popular science.""--Sunday Times (London) ""Gribbin explains things very well indeed, and there's not an equation in sight.""-David Goodstein, The New York Times Book Review (on Almost Everyone's Guide to Science)

""Gribbin breathes life into the core ideas of complexity science, and argues convincingly that the basic laws, even in biology, will ultimately turn out to be simple.""-Nature magazine (on Deep Simplicity) ""Gribbin takes us through the basics [of chaos theory] with his customary talent for accessibility and clarity. [His] argumen.

Change programmes in both private and public sectors have a poor record of delivering their intended value. The reasons given most often for their failure include lack of executive support or buy-in from key users, loose requirements definition, weak programme management, and plain wishful thinking. They rarely include technical limitations. Value Management puts forward the view that the true problem lies in failing to understand the causal links between the intended stakeholder outcomes and the actual programme outputs. Repeating the pattern of failure can be avoided by asking two questions: – Before implementation, what capabilities must a change programme deliver, when and in what order so as to cause intended value against a defined purpose with speed and certainty? – During and after implementation, what minor adjustments and/or major shifts are needed to be certain that the programme

remains on purpose and on value? and two answers to be given: – Target, time and align change programmes to deliver maximum intended value to stakeholders - the baseline business case – track and respond to changes during and beyond implementation to ensure that the programme actually delivers or exceeds intended value - value realisation. The authors show how, by asking and answering these questions, direction and delivery of any programme can be clarified and greater economic value achieved.

Barry Allen explores the concept of knowledge in Chinese thought over two millennia and compares the different philosophical imperatives that have driven Chinese and Western thought. Challenging the hyperspecialized epistemology of modern Western philosophy, he urges his readers toward an ethical appreciation of why knowledge is worth pursuing. This book explores the interdisciplinary field of complex systems theory. By the end of the book, readers will be able to understand terminology that is used in complex systems and how they are related to one another; see the patterns of complex systems in practical examples; map current topics, in a variety of fields, to complexity theory; and be able to read more advanced literature in the field. The book begins with basic systems concepts and moves on to how these simple rules can lead to complex behavior. The author then introduces non-linear systems, followed by pattern formation, and networks and information flow in systems. Later chapters cover the thermodynamics of complex systems, dynamical patterns that arise in networks, and how game theory

can serve as a framework for decision making. The text is interspersed with both philosophical and quantitative arguments, and each chapter ends with questions and prompts that help readers make more connections. “The text provides a useful overview of complex systems, with enough detail to allow a reader unfamiliar with the topic to understand the basics. The book stands out for its comprehensiveness and approachability. It will be particularly useful as a text for introductory physics courses. Tranquillo’s strength is in delivering a vast amount of information in a succinct manner.... A reader can find information quickly and efficiently—that is, in my opinion, the book’s greatest value.” (Stefani Crabtree, *Physics Today*)

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The book presents the conclusions of a psychologist seeking to make sense of contemporary particle physics as described in a number of popular science texts and media articles, written by physicists, seeking to explain the workings of the sub-atomic world. The accounts, it is argued, are a) mutually exclusive and contradictory, and b) metaphysical or magical in essence. Themes of the book include: a discussion of the way we allow physicists to invent things that have no perceivable qualities, on the grounds that they 'must' be there because otherwise their preconceptions are wrong or their sums don't work; that, from a psychological perspective, contemporary theory in particle physics has the same properties as any other act of faith, and the same limitations as belief in God; and that physics has now reached a point at which increasingly physicists research their own psychological

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The central thesis of *The Web's Awake* is that the phenomenal growth and complexity of the web is beginning to outstrip our capability to control it directly. Many have worked on the concept of emergent properties within highly complex systems, concentrating heavily on the underlying mechanics concerned. Few, however, have studied the fundamentals involved from a sociotechnical perspective. In short, the virtual anatomy of the Web remains relatively uninvestigated. *The Web's Awake* attempts to seriously explore this gap, citing a number of provocative, yet objective, similarities from studies relating to both real world and digital systems. It presents a collage of interlinked facts, assertions, and coincidences, which boldly point to a Web with powerful potential for life.

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While the field of science has made incredible advances in the past century, and more and more scientists have gone to great lengths to make these developments accessible to the public, we still rarely hear ministers and communities of faith discussing the implications of these developments for the life of faith. *Quantum Shift* explores recent developments in science from relativity to quantum mechanics to cosmology and then suggests

into the underworld of complexity, searching for simple understanding of our world and everything in it! Author Philip Gervase Jackson's search for answers started at the age of five and within two years he was debating things others routinely took for granted. As an adult, Mr. Jackson used his new, evolving observations to develop a wonderfully powerful problem-solving method that helped him make discoveries in many different fields including mathematics and software design. As he applied the critical thinking skills he had nurtured, he realized that this problem-solving method is indeed universal - it can be applied to anything. *Simplicity Instinct: Why Prime Numbers are Elusive!* is a how-to book that shares all the opportunities provided by this method. Life often presents hurdles and barriers, but the search for deeper understanding will win over, every time.

This book examines the ways in which contemporary British and British postcolonial writers in the after-empire era draw connections between magic (defined here as Renaissance Hermetic philosophy) and science. Writers such as Tom Stoppard, Zadie Smith, and Margaret Atwood critique both imperial science, or science used in service to empire, and what Renk calls "imperial science," a distortion of rational science which denies that reality is holistic and claims that nature can and should be conquered. In warning of the dangers of imperial

science, these writers restore the connection between magic and science as they examine major shifts in scientific thinking across the centuries. They reflect on the Copernican Revolution and the historic split between magic and science, scrutinize Darwinism, consider the relationship between Victorian science and pseudo-science, analyze twentieth-century Uncertainty theories, reject bio/genetic engineering, call for a new approach to science that reconnects science and art, and ultimately endeavor to bring an end to the imperial age. Overall, these writers forge a new discourse that merges science with the arts and emphasizes a holistic philosophy, a view shared by both Hermetic philosophy and recent scientific theories, such as chaos or complexity theory. Along with recent books that focus on the relationship between contemporary literature and science, this work focuses on contemporary British literature's critique of science and the ways in which postcolonial literature addresses the relationship between magic, science, and empire.

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Throughout the world, from the United States to Tanzania, Chechnya, and Sri Lanka, people increasingly work together and take actions to

improve their lives, end inequality, and change global society. Action groups and movements see dialogue and learning as important ways to extend democracy and, with their inclusiveness, remake society. By putting strategy with theory, local groups and movements are able to begin making changes in civil society and institutions that allow people to begin living in new ways. Written for activists, people, and students interested in change, this book takes readers on a journey of discovery as it shows how various groups have brought theory and action together to make urban, rural, and transnational change. The case studies and explanatory articles reveal how feminist, antiracist, ecological, and peace movements reinforce each other to initiate and achieve well-placed and enduring change.

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