

Mind From Matter The Emergent Dynamics Of Life

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Reflections on metaReality

Natural Science underpinned the modern Darwinian

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theory of evolution-physical: Seeing Eye empiricism: physical (sensory) mode. Rudolf Steiner (1861-1925) philosopher, scientist and educator introduced a Natural Science post-modern understanding a physical-spiritual: Seeing Eye and connecting mind's I delicate empiricism: spiritual-physical (non-sensory) mode-underpinning and enhancing the theory of evolution. For historic accuracy we trace Rudolf Steiner's 'quest' to bring both these modes together-modern natural scientific materialism (the dragon) and philosophical spiritual scientific knowledge-that lights our path and enables a threefold exploration of our spiritual-physical evolutionary development (Spiritual: invisible - Physical: visible). The 'body - soul' divide: (body: physical sensory mode - soul: spiritual non-sensory mode). Natural Science: Nature and Super-Nature: The use of the term super-natural is very different from the way the word 'supernatural' is commonly used and understood, (fantasy, black magic). Super-natural here equates to Nature and Natural Science: super-natural phenomena are only natural phenomena presenting at a higher or super -though- still natural level. Evolution: Goethe's "Naturphilosophie" was a metamorphosis of 'Nature philosophy'. In this same way Steiner's Spiritual Science, a higher form of "Naturphilosophie," conceived a purely active spiritual element a "Meta" transmutation had taken place: "Naturmetaphilosophie."

An Outline of Philosophy

What has Star Trek to do with eternal life? It provides

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the perfect metaphor for understanding the main Christian views concerning what happens to us when we die. In this book, Silas Langley uses the Star Trek transporter beam to explain five main Christian views about life after death. Each of us lives with some personal answer to the universal question of what comes after death. Even among Christians, views differ as to what exactly happens when we die. Meanwhile, the modern secular world increasingly challenges the possibility of life after death. How can we live again after we die if much of science and philosophy suggests that all that we are dies with our bodies? This book shows how each of these views responds to these challenges. Death, Resurrection, and Transporter Beams sorts out these disagreements and their biblical grounding. These differences matter, since they bear on who we are and how we are to live our lives. Readers will come away with a clearer understanding of their own beliefs on this topic, and with tools to enter into dialogue with people whose beliefs differ.

The Emergent Self

How is life related to the mind? Thompson explores this so-called explanatory gap between biological life and consciousness, drawing on sources as diverse as molecular biology, evolutionary theory, artificial life, complex systems theory, neuroscience, psychology, Continental Phenomenology, and analytic philosophy. Ultimately he shows that mind and life are more continuous than previously accepted, and that current explanations do not adequately address the myriad

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facets of the biology and phenomenology of mind.

Emergence

Agency, Culture and Human Personhood" uses feminist theories, process and liberation theologies, psychodynamics and the problem of intimate partner violence to develop a pastoral theology of human agency. The turn to cultural context for understanding what makes human beings who they are and do the things they do, raises significant questions about human agency. To what extent is agency, the human capacity to act, self-determined, and to what extent is it determined by external factors? If we conceive of persons with too little agency we negate the possibility for change but too much agency negates the necessity for resistance movements. Hoeft argues that agency arises ambiguously from and is constituted of culture. She suggests that such a conception of agency enables the church to foster in victims, perpetrators, and congregations more resistance to violence and proposes practices of ministry that can do just that. The book will challenge deeply ingrained notions of personal responsibility and one's capacity to choose change, yet offers concrete proposals for a creating a less violent world.

Agency, Culture, and Human Personhood

Elementary Particles and Emergent Phase Space

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Reflections on meta-Reality is now widely regarded as a landmark in contemporary philosophy. It initiates the philosophy of meta-Reality, the third main phase of Roy Bhaskar's philosophical thoughts, after original or basic critical realism and dialectical critical realism. Originally published in 2002 and based on talks given in India, Europe and America, Roy Bhaskar presents his new philosophy of meta-Reality as a radical extension, systematic development and proleptic completion of critical realism. This brilliant series of studies contains seminal and far-reaching discussions of critical realism and the nature of being; an incisive and limpid account of modernity, modernism and post-modernism; a sublime discourse on the nature of the self and compelling considerations on the relationship between social science and self-realization. Together, they demonstrate the ubiquity of transcendental phenomena in everyday life and the orientation of enlightenment towards collective human emancipation and universal self-realization. A new introduction to this edition by Mervyn Hartwig, founding editor of *The Journal of Critical Realism* and editor of *A Dictionary of Critical Realism* (Routledge, 2007), describes the context, significance and impact of *Reflections on meta-Reality*, and supplies an expert guide to its content. This book is essential reading for students and practitioners in both philosophy and the human sciences.

Emergent Evolution

This book originated at a workshop by the same name held in May 2018 at the University of Pavia. The aim

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was to encourage a cross-disciplinary discussion on the limits of cognition. When venturing into cognitive science, notwithstanding the approach, one of the first riddles to be solved is the definition of cognition. Any definition immediately sparks the ascription debate: who/what cognizes? Definitions may appear either too loose, or too demanding. Are bacteria included? What about plants? Is it a human prerogative? We engage in the quest for artificial intelligence, but is artificial cognition already the case? And if it was a human prerogative, are we doing it all the time? Is cognition a process, or the sum of countless sub processes? Is it in the brain, or also in the body? Or does it go beyond the body? Where does it start? Where does it end? We tried answering these questions each from our own perspectives, as philosophers, ethnographers, psychologists and rhetoricians, handing each other our peculiar insight.

The Physics of Encounter

As diverse as people appear to be, all of our genes and brains are nearly identical. In *Me, Myself, and Why*, Jennifer Ouellette dives into the miniscule ranges of variation to understand just what sets us apart. She draws on cutting-edge research in genetics, neuroscience, and psychology-enlivened as always with her signature sense of humor-to explore the mysteries of human identity and behavior. Readers follow her own surprising journey of self-discovery as she has her genome sequenced, her brain mapped, her personality typed, and even samples a popular hallucinogen. Bringing together

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everything from Mendel's famous pea plant experiments and mutations in The X-Men to our taste for cilantro and our relationships with virtual avatars, Ouellette takes us on an endlessly thrilling and illuminating trip into the science of ourselves

Cognitive Psychology

The book introduces fresh concepts into the public debate about the origin of paranormal phenomena, the physical processes underlying consciousness, and the encounter between science and religion.

Brain, Culture & the Human Spirit

William Hasker challenges physicalist views of human mental functioning and advances the concept of mind as an emergent individual. --Charles Taliaferro, St. Olaf College "Philosophy and Phenomenological Research"

The Collected Papers of Bertrand Russell: Essays on language, mind and matter, 1919-26

This thesis argues that with the advance of scientific knowledge, particularly in cosmology, Natural Theology can now provide an answer to the question as to the reason for the existence of man and the world. Aristotle had reasoned from the contingency of the world to the necessity of a God. He had also concluded that the world was unworthy of God's concern, as God could not be concerned with a world

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which was significantly different from God himself. Aristotle's reasoning from the world up to God, together with his inability to reason down from God to the world, established an antinomy. The history of subsequent attempts to avoid this antinomy, and to provide an explanation for the existence of the world, is considered. No such attempt is found to be successful. A hidden assumption in Aristotle's reasoning is exposed. Aristotle's conclusion that the world was not worthy of God's concern followed from his unstated assumption that the world was complete, rather than in process. The thesis argues that the world we know represents a stage in a process towards the possible self-creation of an entity which is similar to God, and so worthy of God's concern. Only a process of self-creation could produce an entity which would be self-existent, and so not significantly different from the self-subsistent God. Each stage of such a process of self-creation, before the final stage, would necessarily be less than perfect. Early in the 20th Century the Emergent Evolutionists had sought to explain the emergence of the biological and mental levels from the material level, without success. Nicolai Hartmann's subsequent ontological investigations made clear the stratified nature of reality. Hartmann's ontology is brought to bear on the problem of Emergence. Hartmann's analysis of ethics and his phenomenology of human nature are also brought to bear on the problem of the nature and role of man in the world. The thesis argues that the world can be understood as a process involving the possible self-creation of an entity like God. In the series of the emergent ontological strata of reality, the physical, biological, conscious and spiritual strata, each

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stratum is less rigidly determined, and exercises greater freedom than does the previous stratum. The laws of nature vary from stratum to stratum, becoming less deterministic at each new stratum. The present human moral-cultural, or spiritual stratum, exercises complete freedom in relation to the law of this stratum, the moral law. The moral law commands but can not compel. The possible outcomes of this process of Emergence could be either the self-creation of a stratum which is not significantly different from God, or the self-destruction of humanity. In this context, Christ could be considered to be a proleptic exemplar of the final emergent stage.

The Organization of Life

Winner of the 2015 Bertrand Russell Society Book Award Bertrand Russell's Bundle Theory of Particulars presents and evaluates Russell's arguments for two competing theories on the nature of particulars at different stages in his career: the substratum theory of particulars (1903-1913) and the bundle theory of particulars (1940-1948). Through its original focus on Russell's little known metaphysics in the later part of his career, this study explains why Russell's theory of particulars is relevant today. It argues that a Russellian realist bundle theory is indeed the best explanation of similarities and differences that we observe around us thanks to the ontological economy such a theory provides and its strength and completeness as a theory of the nature of reality. Tackling the major criticisms levelled against the

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realist bundle theory - the problem of individuation, the problem of necessity, and the problem of analyticity - this study presents and defends a tenable Russellian bundle theory which can answer the objections. Bertrand Russell's Bundle Theory of Particulars is a novel and significant contribution to Russell scholarship.

Against the Spiritual Turn

Me, Myself, and Why

A synthesis of cognitive psychology at its best, this thought-provoking and fascinating survey will be a vital resource for students. The material on particular topics - for example, neurocognition - is written at a level accessible to students with a background in general psychology. Topics covered include: sensation and perception; attention; speaking and listening; problem solving; and thinking. Chapters integrate contributions from developmental psychology and neuroscience to the area under discussion - for example, relevant details of brain structure are provided to clarify language use. Each chapter thus provides readers with a comprehensive view of the background, theory and research. Each chapter c

Cognition in 3E: Emergent, Embodied, Extended

Incomplete Nature: How Mind Emerged

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from Matter

In this age of superstring theories and Big Bang cosmology, we're used to thinking of the unknown as impossibly distant from our everyday lives. But in *A Different Universe*, Nobel Laureate Robert Laughlin argues that the scientific frontier is right under our fingers. Instead of looking for ultimate theories, Laughlin considers the world of emergent properties—meaning the properties, such as the hardness and shape of a crystal, that result from the organization of large numbers of atoms. Laughlin shows us how the most fundamental laws of physics are in fact emergent. *A Different Universe* is a truly mind-bending book that shows us why everything we think about fundamental physical laws needs to change.

A Different Universe

Philosophy of Mind introduces readers to one of the liveliest fields in contemporary philosophy by discussing mind-body problems and the various solutions to them. It provides a detailed yet balanced overview of the entire field that enables readers to jump immediately into current debates. Treats a wide range of mind-body theories and arguments in a fair and balanced way Shows how developments in neuroscience, biology, psychology, and cognitive science have impacted mind-body debates Premise-by-premise arguments for and against each position enable readers to grasp the structure of each argument quickly and easily Diagrams and illustrations help readers absorb the more complex

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ideas Bibliographic essays at the end of each chapter bring readers up to date on the latest literature Written in a clear, easy to read style that is free of technical jargon, and highly accessible to a broad readership The only book to explain systematically how a hylomorphic theory such as Aristotle's can contribute to current mind-body debates and vie with current mind-body theories Online chapters on free will and the philosophy of persons make the book a flexible teaching tool for general and introductory philosophy courses - available at www.wiley.com/go/jaworski

The Interrelationship Between Mind and Matter

Death, Resurrection, and Transporter Beams

An international journal of general philosophy.

Mind & Matter

Emergence is often described as the idea that the whole is greater than the sum of the parts: interactions among the components of a system lead to distinctive novel properties. It has been invoked to describe the flocking of birds, the phases of matter and human consciousness, along with many other phenomena. Since the nineteenth century, the notion of emergence has been widely applied in philosophy, particularly in contemporary philosophy of mind,

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philosophy of science and metaphysics. It has more recently become central to scientists' understanding of phenomena across physics, chemistry, complexity and systems theory, biology and the social sciences. The Routledge Handbook of Emergence is an outstanding reference source and exploration of the concept of emergence, and is the first collection of its kind. Thirty-two chapters by an international team of contributors are organised into four parts: Foundations of emergence Emergence and mind Emergence and physics Emergence and the special sciences Within these sections important topics and problems in emergence are explained, including the British Emergentists; weak vs. strong emergence; emergence and downward causation; dependence, complexity and mechanisms; mental causation, consciousness and dualism; quantum mechanics, soft matter and chemistry; and evolution, cognitive science and social sciences. Essential reading for students and researchers in philosophy of mind, philosophy of science and metaphysics, The Routledge Handbook of Emergence will also be of interest to those studying foundational issues in biology, chemistry, physics and psychology.

Philosophy

The Field of Philosophy

Examines the emergent processes that bridge the gap between organisms that think and have consciousness and those that do not and discusses

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the origins of life, information, and free will.

Evolution and the Emergent Self

Scientists, philosophers and Buddhist scholars discuss the nature of reality in a book that goes inside a Mind and Life Institute conference. For over a decade, members of the Mind and Life Institute have gathered to discuss questions that are both fundamental and profound: can physics, chemistry, and biology explain the mystery of life? How do our philosophical assumptions influence science and the ethics we bring to biotechnology? And how does an ancient spiritual tradition throw new light on these questions? In *Mind and Life*, Pier Luigi Luisi reproduces this stimulating cross-cultural dialogue in which world-class scientists, philosophers, and Buddhist scholars develop a holistic approach to the exploration of reality. He also adds scientific background to their presentations, as well as supplementary discussions with prominent participants and attendees. Interviews with His Holiness the Karmapa, the Buddhist monk Matthieu Ricard, and the actor and longtime human rights advocate Richard Gere further enrich the material with personal viewpoints. Conversation topics range from the origin of matter to the nature of evolution, the ethics of genetic manipulation, and the question of consciousness and ethics.

Mind in Life

Examines the emergent processes that bridge the gap between organisms that think and have

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consciousness and those that do not and discusses the origins of life, information, and free will.

Consciousness in Neo-realism

Emergent evolution combines three separate but related claims, whose background, origin, and development I trace in this work: firstly, that evolution is a universal process of change, one which is productive of qualitative novelties; secondly, that qualitative novelty is the emergence in a system of a property not possessed by any of its parts; and thirdly, that reality can be analyzed into levels, each consisting of systems characterized by significant emergent properties. In part one I consider the background to emergence in the 19th century discussion of the philosophy of evolution among its leading exponents in England - Charles Darwin, Herbert Spencer, T. H. Huxley, Alfred Russel Wallace, and G. J. Romanes. Unlike the scientific aspect of the debate which aimed to determine the factors and causal mechanism of biological evolution, this aspect of the debate centered on more general problems which form what I call the "philosophical framework for evolutionary theory." This considers the status of continuity and discontinuity in evolution, the role of qualitative and quantitative factors in change, the relation between the organic and the inorganic, the relation between the natural and the supernatural, the mind-body problem, and the scope of evolution, including its extension to ethics and morals.

Review Journal of Philosophy & Social

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Science

In the tradition of *Being Digital* and *The Tipping Point*, Steven Johnson, acclaimed as a "cultural critic with a poet's heart" (*The Village Voice*), takes readers on an eye-opening journey through emergence theory and its applications. A *NEW YORK TIMES* NOTABLE BOOK A *VOICE* LITERARY SUPPLEMENT TOP 25 FAVORITE BOOKS OF THE YEAR AN *ESQUIRE* MAGAZINE BEST BOOK OF THE YEAR Explaining why the whole is sometimes smarter than the sum of its parts, Johnson presents surprising examples of feedback, self-organization, and adaptive learning. How does a lively neighborhood evolve out of a disconnected group of shopkeepers, bartenders, and real estate developers? How does a media event take on a life of its own? How will new software programs create an intelligent World Wide Web? In the coming years, the power of self-organization -- coupled with the connective technology of the Internet -- will usher in a revolution every bit as significant as the introduction of electricity. Provocative and engaging, *Emergence* puts you on the front lines of this exciting upheaval in science and thought.

Incomplete Nature: How Mind Emerged from Matter

The Routledge Handbook of Emergence

The *Matter of the Mind* addresses and illuminates the relationship between psychology and neuroscience

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by focusing on the topic of reduction. Written by leading philosophers in the field Discusses recent theorizing in the mind-brain sciences and reviews and weighs the evidence in favour of reductionism against the backdrop of recent important advances within psychology and the neurosciences Collects the latest work on central topics where neuroscience is now making inroads in traditional psychological terrain, such as adaptive behaviour, reward systems, consciousness, and social cognition.

Emergent Materialism

Evolution and the Emergent Self is an eloquent and evocative new synthesis that explores how the human species emerged from the cosmic dust. Lucidly presenting ideas about the rise of complexity in our genetic, neuronal, ecological, and ultimately cosmological settings, the author takes readers on a provocative tour of modern science's quest to understand our place in nature and in our universe. Readers fascinated with "Big History" and drawn to examine big ideas will be challenged and enthralled by Raymond L. Neubauer's ambitious narrative. How did humans emerge from the cosmos and the pre-biotic Earth, and what mechanisms of biological, chemical, and physical sciences drove this increasingly complex process? Neubauer presents a view of nature that describes the rising complexity of life in terms of increasing information content, first in genes and then in brains. The evolution of the nervous system expanded the capacity of organisms to store information, making learning possible. In key

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chapters, the author portrays four species with high brain:body ratios—chimpanzees, elephants, ravens, and dolphins—showing how each species shares with humans the capacity for complex communication, elaborate social relationships, flexible behavior, tool use, and powers of abstraction. A large brain can have a hierarchical arrangement of circuits that facilitates higher levels of abstraction. Neubauer describes this constellation of qualities as an emergent self, arguing that self-awareness is nascent in several species besides humans and that potential human characteristics are embedded in the evolutionary process and have emerged repeatedly in a variety of lineages on our planet. He ultimately demonstrates that human culture is not a unique offshoot of a language-specialized primate, but an analogue of fundamental mechanisms that organisms have used since the beginning of life on Earth to gather and process information in order to buffer themselves from fluctuations in the environment. Neubauer also views these developments in a cosmic setting, detailing open thermodynamic systems that grow more complex as the energy flowing through them increases. Similar processes of increasing complexity can be found in the "self-organizing" structures of both living and nonliving forms. Recent evidence from astronomy indicates that planet formation may be nearly as frequent as star formation. Since life makes use of the elements commonly seeded into space by burning and expiring stars, it is reasonable to speculate that the evolution of life and intelligence that happened on our planet may be found across the universe.

Bertrand Russell's Bundle Theory of Particulars

This book contains essays on brain, culture, and the human spirit that are basic to understanding the relation between religion and science. Each represent separate realms of inquiry, coming from physiology, anthropology, psychology, theology. Each author develops his own perspective as to the place of homo sapiens in the cosmos we know as earth. Together, however, they represent an emerging consensus. Contents: Introduction, James B. Ashbrook; On the Evolution of Three Mentalities, Paul D. MacLean; The Myth-Ritual Complex: A Biogenetic Structural Analysis, Eugene G. d'Aquili; Body, Brain, and Culture, Victor Turner; Psychology's Mentalist Paradigm and Religion/Science Tension, Roger W. Sperry; Brain Science and the Human Spirit, Colwyn Trevarthen; The Human Brain and Human Destiny: A Pattern for Old Brain Empathy with Emergence of Mind, James B. Ashbrook.

Emergent Holistic Consciousness

The argument presented in this book is that the recent 'spiritual' trajectory of Roy Bhaskar's work, upon which he first embarked with the publication of his *From East to West*, undermines the fundamental achievements of his earlier work. The problem with Bhaskar's new philosophical system (Transcendental Dialectical Critical Realism or simply Meta-Reality), from the critical-realist Marxist perspective endorsed here, is that it marks both a departure from and a

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negation of the earlier concerns of Bhaskar to develop a realist philosophy of science and under-labour for an emancipatory materialist socio-historical science. The end-result is a meta-philosophy which is irrealist, speculative, under-theorized, internally self-contradictory, and which cannot provide philosophical guidance to liberatory social practices. In opposition to theist ontological logics more generally (including the rather more rational theism presented by Margaret Archer, Andrew Collier and Doug Porpora), the argument of this book is that the earth-bound materialist dialectics of the classical Marxist tradition, and the naturalistic humanism these dialectics under-labour on the terrain of socio-historical being, offer a much more promising way forward for critical realist theory and for liberatory politics and ethics.

The Matter of the Mind

Selton L. Peters has created a significant book by presenting a complete emergentist view of mind which attempts to answer some of the major objections against traditional materialism. Particular contrast is made between this emergentist view and the Mind-Body Identity Theory. Topics include: the identity of mental and physical events, the question of the existence of irreducibly psychic properties, the function of consciousness, and the problem of personal identity. Peters also gives glimpses into future possibilities which may be realized as mankind continues to evolve. This book is particularly appropriate for graduate seminars or upper division courses in philosophy of mind, and for metaphysics or

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introductory philosophy courses.

Mind, Matter and Method

Mind in the Balance

The Process of the Cosmos

Mind and Life

The Standard Model of elementary particles, although very successful, contains various elements that are put in by hand. Understanding their origin requires going beyond the model and searching for “new physics”. The present book elaborates on one particular proposal concerning such physics. While the original conception is 50 years old, it has not lost its appeal over time. Its basic idea is that space — an arena of events treated in the Standard Model as a classical background — is a concept which emerges from a strictly discrete quantum layer in the limit of large quantum numbers. This book discusses an extension of this view by replacing space with phase space. It combines the results of the author's research papers and places them in much broader philosophical and phenomenological contexts, thus providing further arguments in favor of the proposed alternative. The book should be of interest to the philosophically-minded readers who are willing to contemplate unorthodox ideas on the very nature of

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the world. Contents: Introduction Philosophy and Physics: Reality and Its Description Classical and Quantum Aspects of Reality Time for a Change Elementary Particles: The Standard Model and the Subparticle Paradigm The Problem of Mass Constituent Quarks and Spacetime Points Elementary Particles and Macroscopic Space Phase Space and Quantum: Phase Space and Its Symmetries Quantizing Phase Space Elementary Particles from a Phase-Space Perspective Generalizing the Concept of Mass Overview Readership: Professionals and researchers in theoretical physics, philosophy of science, particle physics and quantum physics. Keywords: Elementary Particles; Classical-Quantum Tension; Emergent Spacetime; Process Philosophy; Being and Becoming; Time and Change; Standard Model; Problem of Mass; Current and Constituent Quarks; Low-Energy Hadron Phenomenology; Space Quantization; Born's Reciprocity; Phase-Space Symmetries; Dirac Linearization; Clifford Algebra; Internal Quantum Numbers; Hariri-Shupe Preon Model; Hadron and Quark Compositeness Key Features: The main idea is supported by a rare, coherent combination of philosophical, theoretical and phenomenological arguments The book uniquely links the structure of a single Standard Model generation of elementary particles to the symmetries of nonrelativistic phase space The book suggests a novel way of looking at the concept of quark mass, as well as that of mass in general

Philosophy of Mind

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This multidisciplinary collection of papers offers new perspectives and scientific evidence for the interconnectedness between consciousness and the material world.

Religion and Ecology

In *Emergence, Mind, and Consciousness*, author Gary A. Lucas does something that many consider impossible: he bridges the gap between a bottom-up description of brain mechanisms and the top-down emergence of mental processes. The result is a comprehensive yet readily understandable explanation of how consciousness emerges. Lucas, however, strives to do more. He seeks to design an artificial agent with all the essential properties of the human mind—consciousness, declarative memory, a sense of self, reasoning skills, language, and social identity. His account is mechanistic, and yet, as the bio-inspired networks are linked to emergent mental properties, we come to understand that we can truly construct a conscious agent. We have a model for how to build one. If you're interested in the emergent properties of mind, consciousness, cognition, self-awareness, social belongingness, or the possibility of constructing a robotic agent with such properties, then this is essential reading. It is conscious mind explained on a level that even a robot will understand it.

The Philosophical Review

By establishing a dialogue in which the meditative

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practices of Buddhism and Christianity speak to the theories of modern philosophy and science, B. Alan Wallace reveals the theoretical similarities underlying these disparate disciplines and their unified approach to making sense of the objective world. Wallace begins by exploring the relationship between Christian and Buddhist meditative practices. He outlines a sequence of meditations the reader can undertake, showing that, though Buddhism and Christianity differ in their belief systems, their methods of cognitive inquiry provide similar insight into the nature and origins of consciousness. From this convergence Wallace then connects the approaches of contemporary cognitive science, quantum mechanics, and the philosophy of the mind. He links Buddhist and Christian views to the provocative philosophical theories of Hilary Putnam, Charles Taylor, and Bas van Fraassen, and he seamlessly incorporates the work of such physicists as Anton Zeilinger, John Wheeler, and Stephen Hawking. Combining a concrete analysis of conceptions of consciousness with a guide to cultivating mindfulness and profound contemplative practice, Wallace takes the scientific and intellectual mapping of the mind in exciting new directions.

Emergence, Mind, and Consciousness

Moving beyond identity politics while continuing to respect diverse entities and concerns, Whitney A. Bauman builds a planetary politics that better responds to the realities of a pluralistic world. Calling attention to the historical, political, and ecological

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influences shaping our understanding of nature, religion, humanity, and identity, Bauman collapses the boundaries separating male from female, biology from machine, human from more than human, and religion from science, encouraging readers to embrace hybridity and the inherent fluctuations of an open, evolving global community. As he outlines his planetary ethic, Bauman concurrently develops an environmental ethic of movement that relies not on place but on the daily connections we make across the planet. He shows how both identity politics and environmental ethics fail to realize planetary politics and action, limited as they are by foundational modes of thought that create entire worlds out of their own logic. Introducing a postfoundational vision not rooted in the formal principles of "nature" or "God" and not based in the idea of human exceptionalism, Bauman draws on cutting-edge insights from queer, poststructural, and deconstructive theory and makes a major contribution to the study of religion, science, politics, and ecology.

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