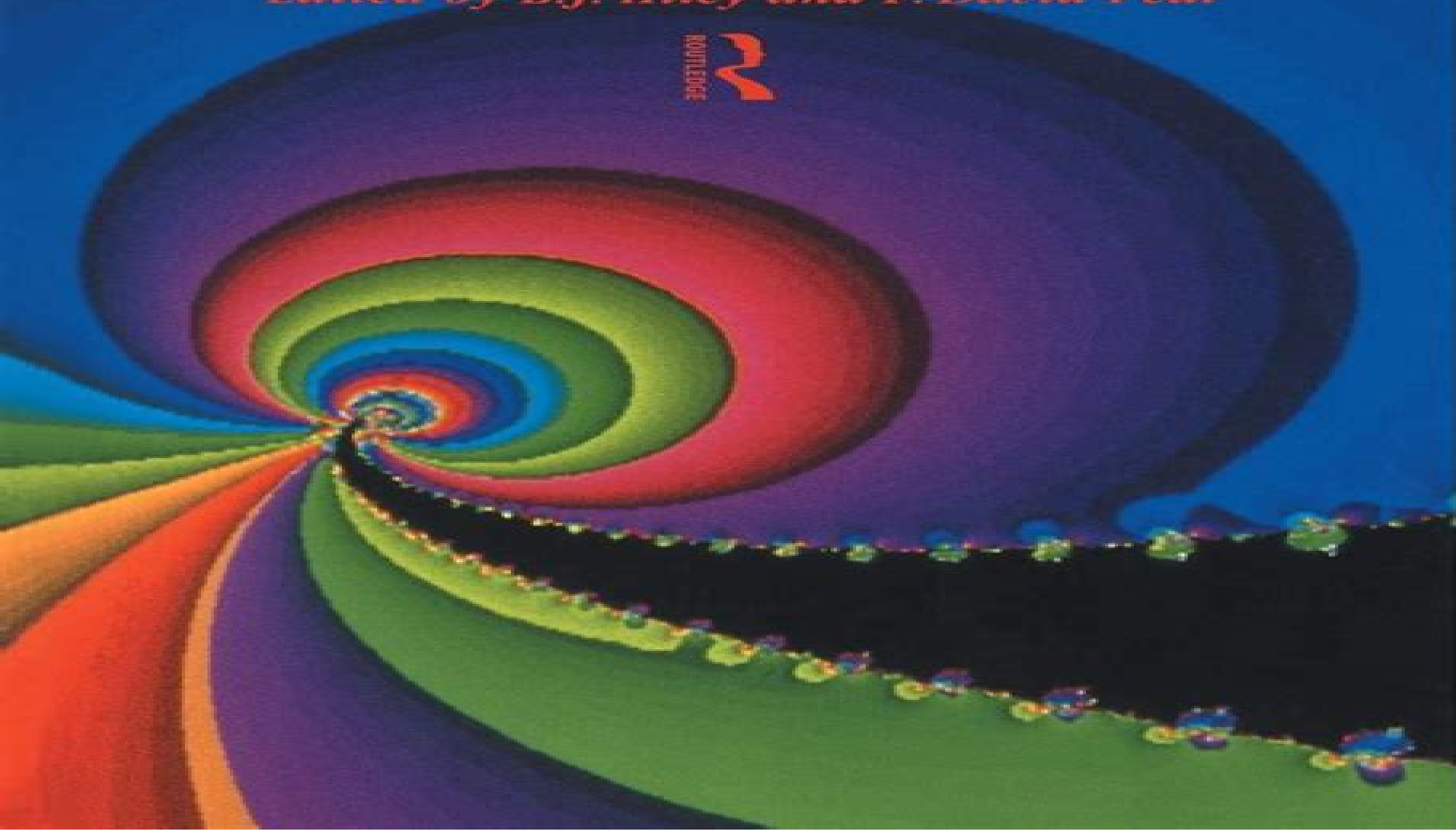


QUANTUM IMPLICATIONS

Essays in Honour of David Bohm

Edited by B.J. Hiley and F. David Peat



Quantum Implications Essays In Honour Of David Bohm

Ron Cottam, Willy Ranson



Quantum Implications Essays In Honour Of David Bohm:

Quantum Implications Basil Hiley, F. David Peat, 2012-06-25 David Bohm is one of the foremost scientific thinkers of today and one of the most distinguished scientists of his generation His challenge to the conventional understanding of quantum theory has led scientists to reexamine what it is they are going and his ideas have been an inspiration across a wide range of disciplines *Quantum Implications* is a collection of original contributions by many of the world's leading scholars and is dedicated to David Bohm his work and the issues raised by his ideas The contributors range across physics philosophy biology art psychology and include some of the most distinguished scientists of the day There is an excellent introduction by the editors putting Bohm's work in context and setting right some of the misconceptions that have persisted about the work of David Bohm

Quantum Implications Basil J. Hiley, F. David Peat, 1987

Liberating Sociology: From Newtonian Toward Quantum Imaginations: Volume 1: Unriddling the Quantum Enigma Mohammad H. Tamdgidi, 2020-01-20 In this major new study in the sociology of scientific knowledge social theorist Mohammad H Tamdgidi reports having unriddled the so called quantum enigma This book opens the lid of the Schrödinger's Cat box of the quantum enigma after decades and finds something both odd and familiar Not only the cat is both alive and dead it has morphed into an elephant in the room in whose interpretation Einstein Bohr Bohm and others were each both right and wrong because the enigma has acquired both localized and spread out features whose unriddling requires both physics and sociology amid both transdisciplinary and transcultural contexts The book offers in a transdisciplinary and transcultural sociology of self knowledge framework a relativistic interpretation to advance a liberating quantum sociology Deeper methodological grounding to further advance the sociological imagination requires investigating whether and how relativistic and quantum scientific revolutions can induce a liberating reinvention of sociology in favor of creative research and a just global society This however necessarily leads us to confront an elephant in the room the quantum enigma In *Unriddling the Quantum Enigma* the first volume of the series commonly titled *Liberating Sociology From Newtonian toward Quantum Imaginations* sociologist Mohammad H Tamdgidi argues that unriddling the quantum enigma depends on whether and how we succeed in dehabituating ourselves in favor of unified relativistic and quantum visions from the historically and ideologically inherited classical Newtonian modes of imagining reality that have subconsciously persisted in the ways we have gone about posing and interpreting or not the enigma itself for more than a century Once this veil is lifted and the enigma unriddled he argues it becomes possible to reinterpret the relativistic and quantum ways of imagining reality including social reality in terms of a unified nonreductive creative dialectic of part and whole that fosters quantum sociological imaginations methods theories and practices favoring liberating and just social outcomes The essays in this volume develop a set of relativistic interpretive solutions to the quantum enigma Following a survey of relevant studies and an introduction to the transdisciplinary and transcultural sociology of self knowledge framing the study overviews of Newtonianism relativity and quantum scientific revolutions the

quantum enigma and its main interpretations to date are offered They are followed by a study of the notion of the wave particle duality of light and the various experiments associated with the quantum enigma in order to arrive at a relativistic interpretation of the enigma one that is shown to be capable of critically cohering other offered interpretations The book concludes with a heuristic presentation of the ontology epistemology and methodology of what Tamdgidi calls the creative dialectics of reality The volume essays involve critical comparative integrative reflections on the relevant works of founding and contemporary scientists and scholars in the field This study is the first in the monograph series Tayyebbeh Series in East West Research and Translation of Human Architecture Journal of the Sociology of Self Knowledge XIII 2020 published by OKCIR Omar Khayyam Center for Integrative Research in Utopia Mysticism and Science Utopystics OKCIR is dedicated to exploring in a simultaneously world historical and self reflective framework the human search for a just global society It aims to develop new conceptual methodological theoretical historical practical pedagogical inspirational and disseminative structures of knowledge whereby the individual can radically understand and determine how world history and her his selves constitute one another Reviews Mohammad H Tamdgidi s Liberating Sociology From Newtonian Toward Quantum Imaginations Volume 1 Unriddling the Quantum Enigma hits the proverbial nail on the head of an ongoing problem not only in sociology but also much social science namely many practitioners allegiance consciously or otherwise to persisting conceptions of science that get in the way of scientific and other forms of theoretical advancement Newtonianism has achieved the status of an idol and its methodology a fetish the consequence of which is an ongoing failure to think through important problems of uncertainty indeterminacy multivariation multidisciplinary and false dilemmas of individual agency versus structure among many others Tamdgidi has done great service to social thought by bringing to the fore this problem of disciplinary decadence and offering in effect a call for its teleological suspension thinking beyond disciplinarity through drawing upon and communicating with the resources of quantum theory not as a fetish but instead as an opening for other possibilities of social including human understanding The implications are far reaching as they offer as the main title attests liberating sociology from persistent epistemic shackles and thus many disciplines and fields connected to things social This is exciting work A triumph The reader is left with enthusiasm for the second volume and theorists of many kinds with proverbial work to be done Professor Lewis R Gordon Honorary President of the Global Center for Advanced Studies and author of Disciplinary Decadence Living Thought in Trying Times Routledge Paradigm 2006 and Freedom Justice and Decolonization Routledge forthcoming 2020 Social sciences are still using metatheoretical models of science based on 19th century newtonian concepts of time and space Mohammad H Tamdgidi has produced a tour de force in social theory leaving behind the old newtonian worldview that still informs the social sciences towards a 21st century non dualistic non reductionist transcultural transdisciplinary post Einsteinian quantum concept of TimeSpace Tamdgidi goes beyond previous efforts done by titans of social theory such as Immanuel Wallerstein and Kyriakos Kontopoulos This book is a quantum leap in the social

sciences at large Tamdgidi decolonizes the social sciences away from its Eurocentric colonial foundations bringing it closer not only to contemporary natural sciences but also to its convergence with the old Eastern philosophical and mystical worldviews This book is a masterpiece in social theory for a 21st century decolonial social science A must read Professor Ramon Grosfoguel University of California at Berkeley Tamdgidi's *Liberating Sociology* succeeds in adding physical structures to the breadth of the world changing vision of C Wright Mills the man who mentored me at Columbia Relativity theory and quantum mechanics can help us to understand the human universe no less than the physical universe Just as my *Creating Life Before Death* challenges bureaucracy's conformist orientation so does *Liberating Sociology* liberate the infinite possibilities inherent in us Given our isolation in the Coronavirus era we have time to follow Tamdgidi in his journey into the depth of inner space where few men have gone before It is there that we can gain emotional strength just as Churchill Roosevelt and Mandela empowered themselves That personal development was needed to address not only their own personal problems but also the mammoth problems of their societies We must learn to do the same Bernard Phillips Emeritus Sociology Professor Boston University

The Age of Entanglement Louisa Gilder, 2008-11-11 In *The Age of Entanglement* Louisa Gilder brings to life one of the pivotal debates in twentieth century physics In 1935 Albert Einstein famously showed that according to the quantum theory separated particles could act as if intimately connected a phenomenon which he derisively described as spooky action at a distance In that same year Erwin Schrödinger christened this correlation entanglement Yet its existence was mostly ignored until 1964 when the Irish physicist John Bell demonstrated just how strange this entanglement really was Drawing on the papers letters and memoirs of the twentieth century's greatest physicists Gilder both humanizes and dramatizes the story by employing the scientists own words in imagined face to face dialogues The result is a richly illuminating exploration of one of the most exciting concepts of quantum physics

A Phenomenological Revision of E. E. Harris's Dialectical Holism James Schofield, 2021-10-12 The purpose of this work is to critically assess Errol E Harris's process philosophy in the face of contemporary research in the special sciences Harris devoted his life to grappling with the big questions concerning the relationships between nature mind and knowledge His 70 plus year career was distinguished his texts on the history of philosophy philosophy of science political philosophy philosophy of religion and consciousness were widely published and yet his metaphysics has until now remained excluded from mainstream discussions This book's contention is that Harris's work reveals as yet unnoticed connections between theories in numerous scientific disciplines ranging from psychology to cosmology and that an examination of certain theories within these disciplines may serve to strengthen his original arguments This work maintains that the resulting metaphysics frames a transdisciplinary paradigm shift and provides a viable solution to the hard problem of consciousness

Constituting Objectivity Michael Bitbol, Pierre Kerszberg, Jean Petitot, 2009-03-29 In recent years many philosophers of modern physics came to the conclusion that the problem of how objectivity is constituted rather than merely given can no longer be avoided

and therefore that a transcendental approach in the spirit of Kant is now philosophically relevant. The usual excuse for skipping this task is that the historical form given by Kant to transcendental epistemology has been challenged by Relativity and Quantum Physics. However, the true challenge is not to force modern physics into a rigidly construed static version of Kant's philosophy but to provide Kant's method with flexibility and generality. In this book, the top specialists of the field pin down the methodological core of transcendental epistemology that must be used in order to throw light on the foundations of modern physics. First, the basic tools Kant used for his transcendental reading of Newtonian Mechanics are examined, and then early transcendental approaches of Relativistic and Quantum Physics are revisited. Transcendental procedures are also applied to contemporary physics, and this renewed transcendental interpretation is finally compared with structural realism and constructive empiricism. The book will be of interest to scientists, historians, and philosophers who are involved in the foundational problems of modern physics.

Trajectory Analysis in Health Care David W. Hollar, 2017-08-28. This innovative volume introduces Trajectory Analysis, a new systems-based approach to measuring nonlinear dynamics in continuous change to public health and epidemiology. It synthesizes influential strands of statistical and probability science, including chaos theory and catastrophe theory, to complement existing methods and models used in the health fields. The computational framework featured here pinpoints complex cause and effect processes in behavioral change as individuals and populations adjust to health interventions, with examples from neuroscience and cardiology. But this is no mere academic exercise, as the author illustrates how these methods can be harnessed toward finding real-world answers to longstanding public health problems, starting with treatment recidivism. Included in the coverage: The universality of physical principles in the analysis of health and disease; The problem of recidivism in healthcare intervention studies; Stability and reversibility/irreversibility of health conditions; Chaos theory and sensitive dependence on initial conditions; Applications in health monitoring and geographic systems; Simulations, applications, and the challenge for public health; A stimulating new take on statistics with powerful implications for future study, practice, and policy. Trajectory Analysis in Health Care should interest public health epidemiologists, researchers, clinicians, and policymakers.

The Teachings of Padmasambhava Herbert Guenther, 2023-08-21. This study explores the ideas of the enigmatic and controversial visionary known as Padmasambhava. It takes as its starting point a unique and hitherto untouched source: Padmasambhava's writings preserved in the rNying ma rgyud bum that remain excluded from the standard editions of the Tibetan Tanjur collections to this day. The first chapter explains Padmasambhava's holistic background that reflects an anthropocosmic worldview. The second chapter deals with the problem of how this anthropocosmic whole becomes enworlded as samsara, and of how the enworlded experiencer disentangles himself from it and regains his original wholeness. The third chapter assesses Padmasambhava's psychological insights and their hermeneutical interpretations. In this study, Herbert Guenther discloses the mind of one of the greatest spiritual geniuses in human history: Padmasambhava, wanderer, mystic, and one of the original founders of Tibetan Buddhism. Here, his teachings

step out from obscurity to speak with a wonderful clarity In them is found a surprisingly postmodern portrait of how process dynamics self organize to construct and light up our worlds of experience The Road to Reality Roger Penrose,2021-06-09 WINNER OF THE 2020 NOBEL PRIZE IN PHYSICS The Road to Reality is the most important and ambitious work of science for a generation It provides nothing less than a comprehensive account of the physical universe and the essentials of its underlying mathematical theory It assumes no particular specialist knowledge on the part of the reader so that for example the early chapters give us the vital mathematical background to the physical theories explored later in the book Roger Penrose s purpose is to describe as clearly as possible our present understanding of the universe and to convey a feeling for its deep beauty and philosophical implications as well as its intricate logical interconnections The Road to Reality is rarely less than challenging but the book is leavened by vivid descriptive passages as well as hundreds of hand drawn diagrams In a single work of colossal scope one of the world s greatest scientists has given us a complete and unrivalled guide to the glories of the universe that we all inhabit Roger Penrose is the most important physicist to work in relativity theory except for Einstein He is one of the very few people I ve met in my life who without reservation I call a genius Lee Smolin **Reason, causation and compatibility with the phenomena** Basil Evangelidis,2020-01-24 Reason Causation and Compatibility with the Phenomena strives to give answers to the philosophical problem of the interplay between realism explanation and experience This book is a compilation of essays that recollect significant conceptions of rival terms such as determinism and freedom reason and appearance power and knowledge This title discusses the progress made in epistemology and natural philosophy especially the steps that led from the ancient theory of atomism to the modern quantum theory and from mathematization to analytic philosophy Moreover it provides possible gateways from modern deadlocks of theory either through approaches to consciousness or through historical critique of intellectual authorities This work will be of interest to those either researching or studying in colleges and universities especially in the departments of philosophy history of science philosophy of science philosophy of physics and quantum mechanics history of ideas and culture Greek and Latin Literature students and instructors may also find this book to be both a fascinating and valuable point of reference

Bridging the Gap between Life and Physics Ron Cottam,Willy Ranson,2018-03-19 This is the only book which deals with the correlatory comparison between hierarchical living systems and inorganic physical ones The culmination of the book is the proposition of research to discover and understand the natural underlying level of organization which produces the descriptive commonality of life and physics Traditional science eliminates life from its purview by its rejection of interrelationships as a primary content of systems The conventional procedure of science is that of reductionism whereby complex systems are dismantled to characterize lower level components but virtually no attention is given to how to rebuild those systems the underlying assumption is that analysis and synthesis are symmetrical This book fulfills two main coupled functions Firstly it details hierarchy as the major formulation of natural complex systems and investigates the fundamental

character of natural hierarchy as a widely transferable container of structure and or function and this in the case of the new development of a representational or model hierarchy Secondly it couples this hierarchical description to that of the electronic properties of semiconductors as a well modeled canonical example of physical properties The central thesis is that these two descriptions are comparable if care is taken to treat logical and epistemological aspects with prudence a large part of the book is composed of just this aspect of care for grounding consistency As such great attention is given to correct assessment of argumentative features which are otherwise presumed known but which are usually left uncertain Development of the ideas is always based on a relationship between entity or phenomenon and their associated ecosystems and this applies equally well to the consequent derivations of consciousness and information

The Routledge Handbook of Panpsychism William Seager, 2019-12-10 Panpsychism is the view that consciousness the most puzzling and strangest phenomenon in the entire universe is a fundamental and ubiquitous feature of the world though in a form very remote from human consciousness At a very basic level the world is awake Panpsychism seems implausible to most and yet it has experienced a remarkable renaissance of interest over the last quarter century The reason is the stubbornly intractable problem of consciousness Despite immense progress in understanding the brain and its relation to states of consciousness we still really have no idea how consciousness emerges from physical processes which are presumed to be entirely non conscious The Routledge Handbook of Panpsychism provides a high level comprehensive examination and assessment of the subject its history and contemporary development It offers 28 chapters appearing in print here for the first time from the world's leading researchers on panpsychism The chapters are divided into four sections that integrate panpsychism's relevance with important issues in philosophy of mind philosophy of science metaphysics and even ethics Historical Reflections Forms of Panpsychism Comparative Alternatives How Does Panpsychism Work The volume will be useful to students and scholars as both an introduction and as cutting edge philosophical engagement with the subject For anyone interested in a philosophical approach to panpsychism the Handbook will supply fascinating and enlightening reading The topics covered are highly diverse representing a spectrum of views on the nature of mind and world from various standpoints which take panpsychism seriously

[Continuum](#) Clemens Lode, 2018-05-23 Being a hero means standing up to false heroes To gain this ability we need to have a good grasp of the nature of the universe and to be able to understand our own minds This book introduces you to the most current and most advanced topics in science It is easy to read stays away from complicated mathematical details and introduces concepts from the ground up Becoming a hero requires gaining an understanding of what the greatest minds of history have pondered Philosophy for Heroes summarizes their wisdom and connects it with the modern world What would lead a computer scientist and project manager to turn to philosophy for answers Clemens Lode has a passion for solving problems by applying ideas from nature In his examination into what could give lifeless machines a heart he found that the answer requires a holistic examination of the world With his book series

Philosophy for Heroes Lode bridges the gap between science philosophy psychology and ultimately leadership Through addressing these topics and challenging popular myths we can lay the groundwork for becoming modern day heroes In this the second book in a four part series he explores questions like What is the quantum theory and how can we interpret it How did the universe come out of nothingness and how did life develop from non living matter What is the origin of our own creativity Through addressing these questions and challenging popular myths we can lay the groundwork for becoming modern day heroes Table of Contents Chapter 1 Philosophy see Philosophy for Heroes Knowledge Chapter 2 Language see Philosophy for Heroes Knowledge Chapter 3 Physics An Introduction to Science Occam s Razor Popular Science Heisenberg s Uncertainty Principle Development of Quantum Mechanics Copenhagen Interpretation Interpretations of the Quantum Theory Chaos Theory The Big Bang Chapter 4 Evolution Basics of Evolution Chemical Evolution Artificial Life The Origin of Life The Red Queen Hypothesis Evolution in the Head Chapter 5 Consciousness see Philosophy for Heroes Act Chapter 6 Free Will see Philosophy for Heroes Act Chapter 7 Ethics see Philosophy for Heroes Epos Chapter 8 Heroism see Philosophy for Heroes Epos

Introduction to the Physics of Electron Emission Kevin L. Jensen, 2024-08-19 A practical in depth description of the physics behind electron emission physics and its usage in science and technology Electron emission is both a fundamental phenomenon and an enabling component that lies at the very heart of modern science and technology Written by a recognized authority in the field with expertise in both electron emission physics and electron beam physics An Introduction to Electron Emission provides an in depth look at the physics behind thermal field photo and secondary electron emission mechanisms how that physics affects the beams that result through space charge and emittance growth and explores the physics behind their utilization in an array of applications The book addresses mathematical and numerical methods underlying electron emission describing where the equations originated how they are related and how they may be correctly used to model actual sources for devices using electron beams Writing for the beam physics and solid state communities the author explores applications of electron emission methodology to solid state statistical and quantum mechanical ideas and concepts related to simulations of electron beams to condensed matter solid state and fabrication communities Provides an extensive description of the physics behind four electron emission mechanisms field photo and secondary and how that physics relates to factors such as space charge and emittance that affect electron beams Introduces readers to mathematical and numerical methods their origins and how they may be correctly used to model actual sources for devices using electron beams Demonstrates applications of electron methodology as well as quantum mechanical concepts related to simulations of electron beams to solid state design and manufacture Designed to function as both a graduate level text and a reference for research professionals Introduction to the Physics of Electron Emission is a valuable learning tool for postgraduates studying quantum mechanics statistical mechanics solid state physics electron transport and beam physics It is also an indispensable resource for academic researchers and professionals who use electron sources

model electron emission develop cathode technologies or utilize electron beams *Deliver Us from Evil* Richard H. Bell, 2007 My initial goal was to write a book on the defeat of Satan in New Testament theology covering all the witnesses of the New Testament using a title such as falling like lightning But it became evident that although the defeat of Satan is central to the exorcisms of the synoptic gospels many authors of the New Testament simply do not speak explicitly about a defeat of Satan For example Paul Ephesians and Colossians if they explicitly speak of the devil or allude to him speak instead of being redeemed from the dominion of Satan I therefore moved more in the direction of considering how the human being is redeemed from the effects of Satan Preface **Leibnizing** Richard Halpern, 2023-08-15 Why read Leibniz today Can we still learn from him and not just about him This book argues that Leibniz offers a powerful productive model for transdisciplinary thinking that can push back against the narrowness of the humanities today Richard Halpern recasts Leibniz as a great writer as well as a great philosopher demonstrating that his philosophical project cannot be fully understood without taking its literary elements into account He shows Leibniz to be a prescient thinker about art and beauty whose insights into the relationship between aesthetic experience and thought remain invaluable Leibnizing asks readers to follow the dynamic movement of Leibniz's writing instead of attempting to grasp a static philosophical system and to pay careful attention to the rhetorical and stylistic registers of Leibniz's work as well as its conceptual and logical dimensions For philosophers this book offers a novel approach to reading and interpreting Leibniz For literary and other theorists it showcases the relevance of Leibniz's thought to areas from aesthetics to politics and from metaphysics to computer science Written in a lucid and even witty style Leibnizing provides readers with an accessible entryway into Leibniz's sometimes forbidding but ultimately rewarding philosophical vision **Extraterrestrial Ethics** Jensine Andresen, 2023-11-25 This unique book takes both inductive and deductive approaches to the topic of extraterrestrial ethics Inductively it asks what kind of ethics an advanced intelligent extraterrestrial species might display Deductively it asks how human beings should transform their own understanding of ethics to prepare for widespread contact with an advanced extraterrestrial species Using the ontological interpretation of quantum mechanics proposed by physicist and philosopher David Bohm Extraterrestrial Ethics considers how an extraterrestrial intelligence ETI may view ethical concerns relating to humankind The book examines two areas of concern nuclear technologies and the militarization and weaponization of space The text of the Fiscal Year 2022 National Defense Authorization Act FY22 NDAA in the United States clearly states that Unidentified Aerial Phenomena UAP have been reported at sites associated with nuclear weapons nuclear powered ships and submarines nuclear power generating stations etc suggesting that ETI is very concerned about the human use of nuclear technologies Furthermore the more ubiquitous level of UAP sightings by the U S military over the last few years as documented in the June 2021 report from the Office of the Director of National Intelligence ODNI in the U S suggest that ETI also is concerned about rapid acceleration relating to the militarization and weaponization of space The book concludes by advocating a

normative approach to de militarize space *Deleuze & Guattari* Eleanor Kaufman, Kevin Jon Heller, 1998 During their lives Gilles Deleuze and Felix Guattari were two of France's most prominent thinkers and their work continues to be a vital and influential part of critical theory The essays in this collection written by prominent scholars offer a new approach to their work Unique in its emphasis on Guattari both in conjunction with Deleuze and independently this volume features an essay by Deleuze himself and includes a comprehensive bibliography of Guattari's and Deleuze's work The body of work explored here spans three decades and cuts across the lines of philosophy political theory geography literature aesthetics and even the applied sciences Readers unfamiliar with Deleuze and Guattari will gain a broad sense of their work from these pages specialists will discover new and different methods of understanding the contributions of these writers The essays map out a set of applications that rather than explain Deleuze and Guattari aim to extend and reinvent their thought in new and real life domains from cinema to the Gulf War from quantum mechanics to the L A riots and from Israel's deportation of Palestinians to Jean Jacques Rousseau's masochism Overall the collection demonstrates the wide range of potential applications of Deleuze's and Guattari's theories and expands current readings of their work **Is Nature Supernatural?** Simon L. Altmann, 2011-04-06 Whether you agree with much of what it says or not this is a must read book For it covers a huge range of topics from quantum theory to philosophy of mind in a delightfully challenging way that forces you to think through your own views on these topics Overall Altmann's book is highly recommended for a read Philosophy in Review This unique book is magnificently written with wit and penetrating insights bridges the gap between science and philosophy for the first time great concepts are cleverly presented in remarkable clear prose marvelous footnotes great index comprehensive bibliography Choice Mathematical truths are often so compelling that some mathematicians scientists and philosophers posit a purely nonmaterial realm of eternal truths accessible to the mind alone Mathematical physicist Simon Altmann carefully criticizes this revival of dualistic philosophy à la Plato in this highly stimulating book Has mathematics and physics discovered a new supernatural world or is this mental cosmos simply an outgrowth of natural evolutionary processes This is the crucial philosophical issue that Altmann elucidates Altmann provides a thorough philosophical basis to understand the meaning of natural law the scientific method and causality in science He reviews the classical approach to time space and the laws of mechanics and discusses the implications of relativity theory Key modern concepts like randomness probability and time's arrow are explained and the nature of mathematics and Gödel's theorems is discussed in depth A mystery free treatment of quantum mechanics Schrödinger's cat and the famous Bell inequalities follows He also assesses the reactions of various philosophical schools to these developments idealism physicalism cultural relativism and social constructivism The book concludes with a fascinating dialogue on science and belief Educated lay readers will welcome Altmann's engaging and lucid exposition Simon Altmann Oxford UK is Emeritus Fellow at Brasenose College University of Oxford **Spaces of Culture** Scott Lash, Mike Featherstone, 1999-03-28 In *Spaces of Culture* an international group of scholars examines the implications

of questions such as What is culture What is the relationship between social structure and culture in a globalized and networked world Do critical perspectives still apply or does the speed and complexity of cultural production demand new forms of analysis They explore the key themes in social theory the nation state the city modernity and reflexivity post Fordism and the spatial logic of the informational city The contributors go on to analyze the public sphere questioning the reductive representation of technology as a form of instrumentality and demonstrating how new technologies can offer new spaces of culture This analys

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Quantum Implications Essays In Honour Of David Bohm Introduction

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