Download Free Beyond Einstein The Cosmic Quest For Theory Of Universe Michio Kaku Read Pdf Free

The Law in Quest of Itself Feb 17 2020 Fuller, Lon L. The Law in Quest of Itself. Boston: Beacon Press, 1966. [vi], 150 pp. Reprinted 1999 by The Lawbook Exchange, Ltd. LCCN 99-32863. ISBN-13: 978-1-58477-016-9. ISBN-10: 1-58477-016-3. Cloth. \$60.* Three lectures by the Harvard Law School professor examine legal positivism and natural law. In the course of his analysis Fuller discusses Kelsen's theory as a reactionary theory, and Hobbes' theory of sovereignty. He defines legal positivism as the viewpoint that draws a distinction "between the law that is and the law that ought to be..." (p.5) and interprets natural law as that which tolerates a combination of the two. He looks at the effects of positivism's continued influence on American legal thinking and concludes that law as a principle of order is necessary in a democracy.

A Beautiful Math Jan 30 2021 Millions have seen the movie and thousands have read the book but few have fully appreciated the mathematics developed by John Nash's beautiful mind. Today Nash's beautiful math has become a universal language for research in the social sciences and has infiltrated the realms of evolutionary biology, neuroscience, and even quantum physics. John Nash won the 1994 Nobel Prize in economics for pioneering research published in the 1950s on a new branch of mathematics known as game theory. At the time of Nash's early work, game theory was briefly popular among some mathematicians and Cold War analysts. But it remained obscure until the 1970s when evolutionary biologists began applying it to their work. In the 1980s economists began to embrace game theory. Since then it has found an ever expanding repertoire of applications among a wide range of scientific disciplines. Today neuroscientists peer into game players' brains, anthropologists play games with people from primitive cultures, biologists use games to explain the evolution of human language, and mathematicians exploit games to better understand social networks. A common thread connecting much of this research is its relevance to the ancient quest for a science of human social behavior, or a Code of Nature, in the spirit of the fictional science of psychohistory described in the famous Foundation novels by the late Isaac Asimov. In A Beautiful Math, acclaimed science writer Tom Siegfried describes how game theory links the life sciences, social sciences, and physical sciences in a way that may bring Asimov's dream closer to reality. Privacy in Context Nov 15 2019 Privacy is one of the most urgent issues associated with information technology and digital media. This book claims that what people really care about when they complain and protest that privacy has been violated is not the act of

sharing information itself—most people understand that this is crucial to social life —but the inappropriate, improper sharing of information. Arguing that privacy concerns should not be limited solely to concern about control over personal information, Helen Nissenbaum counters that information ought to be distributed and protected according to norms governing distinct social contexts—whether it be workplace, health care, schools, or among family and friends. She warns that basic distinctions between public and private, informing many current privacy policies, in fact obscure more than they clarify. In truth, contemporary information systems should alarm us only when they function without regard for social norms and values, and thereby weaken the fabric of social life.

The Elusive Quest for Growth Dec 17 2019 Why economists' attempts to help poorer countries improve their economic well-being have failed. Since the end of World War II, economists have tried to figure out how poor countries in the tropics could attain standards of living approaching those of countries in Europe and North America. Attempted remedies have included providing foreign aid, investing in machines, fostering education, controlling population growth, and making aid loans as well as forgiving those loans on condition of reforms. None of these solutions has delivered as promised. The problem is not the failure of economics, William Easterly argues, but the failure to apply economic principles to practical policy work. In this book Easterly shows how these solutions all violate the basic principle of economics, that people—private individuals and businesses, government officials, even aid donors—respond to incentives. Easterly first discusses the importance of growth. He then analyzes the development solutions that have failed. Finally, he suggests alternative approaches to the problem. Written in an accessible, at times irreverent, style, Easterly's book combines modern growth theory with anecdotes from his fieldwork for the World Bank.

The Quest for a General Theory of Leadership Apr 13 2022 This book represents a most robust look at the study of leadership while representing multiple disciplines in a quest to find agreement about leadership and theory. Russ Volckmann, International Leadership Review In this compelling book, top scholars from diverse fields describe the progress they have made in developing a general theory of leadership. Led by James MacGregor Burns, Pulitzer Prize winning author of the classic Leadership (1978), they tell the story of this intellectual venture and the conclusions and questions that arose from it. The early chapters describe how, in order to discuss an integrative theory, the group first wrestled with the nature of theory as well as basic aspects of the human condition that make leadership necessary and possible. They then tackle topics such as: the many faces of power woven into the leadership fabric; crucial elements of group dynamics and the leader follower relationship; ethical issues lying at the heart of leadership; constructivist perspectives on leadership, causality, and social change; and the historical and cultural contexts that influence and are influenced by leadership. The book concludes with a commentary by Joanne Ciulla and an Afterword by James MacGregor Burns. The contributors thorough coverage of leadership, as well as their approach to this unique undertaking, will be of great interest to leaders, students and scholars of leadership. Quantum Reality Jan 18 2020 Quantum mechanics is an extraordinarily successful scientific theory. It is also completely mad. Although the theory quite obviously works, it leaves us chasing ghosts and phantoms; particles that are waves and waves that are particles; cats that are at once both alive and dead; and lots of seemingly spooky goingson. But if we're prepared to be a little more specific about what we mean when we talk about 'reality' and a little more circumspect in the way we think a scientific theory might

represent such a reality, then all the mystery goes away. This shows that the choice we face is actually a philosophical one. Here, Jim Baggott provides a quick but comprehensive introduction to quantum mechanics for the general reader, and explains what makes this theory so very different from the rest. He also explores the processes involved in developing scientific theories and explains how these lead to different philosophical positions, essential if we are to understand the nature of the great debate between Niels Bohr and Albert Einstein. Moving forwards, Baggott then provides a comprehensive guide to attempts to determine what the theory actually means, from the Copenhagen interpretation to many worlds and the multiverse. Richard Feynman once declared that 'nobody understands quantum mechanics'. This book will tell you why.

The Quest for a Unified Theory of Information Sep 18 2022 First published in 1999. Routledge is an imprint of Taylor & Francis, an informa company.

The Elegant Universe Jun 03 2021 'Compulsively readable...Green threatens to do for string theory what Stephen Hawking did for holes' New York Times In this international bestseller, Columbia University professor Brian Greene provides, in layman's terms, a comprehensive demystification of string theory. Greene, one of the world's leading string theorists, peels away layers of the unknown, through introducing concepts from quantum mechanics to general relativity, to reveal a universe that consists of eleven dimensions. Accessible and enlightening, Greene's inimitable blend of expert scientific insight and literary ingenuity makes The Elegant Universe an exhilarating read that brings us closer to understanding how our magnificent universe works. 'Utterly absorbing...a brilliant achievement. An accessible, equationless account of strings' Sunday Telegraph

Summary: The God Equation by Michio Kaku May 22 2020 Warning! This is a summary book, not a replacement. Michio Kaku, renowned theoretical physicist and #1 New York Times bestselling author, shares the inside story of the greatest quest in all of science. When Newton discovered the law of gravity, he unified the rules governing the heavens and the Earth. Since then, physicists cast newly discovered forces into even grander theories. The ultimate challenge arises as a monumental synthesis of the two remaining theories—quantum theory and relativity. This would be the crowning achievement of science, a profound merging of all the forces of nature into one beautiful, magnificent equation to unlock the deepest mysteries in science: What happened before the Big Bang? What lies on the other side of a black hole? Are there other universes and dimensions? Is time travel possible? Why are we here? Kaku also explains the intense controversy swirling around this theory, with Nobel laureates taking opposite sides on this vital question. It is a captivating, gripping story; what's at stake is nothing less than our conception of the universe.

The Quest for Meaning May 02 2021 The Quest for Meaning is designed as a guide to basic semiotic theory and practice, discussing and illustrating the main trends, ideas, and figures of semiotics.

Historical Knowledge Jun 15 2022 Historical Knowledge approaches the topic of historical knowledge in depth and from various angles. It seeks to offer theoretical and methodological building blocks for the use of anyone pursuing historical research. This

book brings novel insights into classic and topical issues currently under debate: the importance of theory in historical thinking, the dialectic of "text" and "annotation", the actor and observer levels, the relationship between the general and the individual, the issue of comparison, and the problem of sporadic sources and of understanding the singularity of each one. The overall theme of the book, the possibility of historical knowledge, reflects the very issue that makes historical research distinctive: the challenges of evidence and the problems, both concrete and conceptual, with deciphering and interpreting remnants of the past. This book refreshes the discussion about sources and proper evidence, two issues that the linguistic turn and the postmodern challenge pushed into the background. The book addresses these issues in an easily accessible way and serves as an introduction and guide to the role of theory, method and evidence in historical research not only for students and scholars of history, but also for anyone outside the field with an interest in the topic. Historical Knowledge is the first book to include texts by the three eminent historians, Professors Natalie Zemon Davis, Carlo Ginzburg and Giovanni Levi. The other contributors, Professors Risto Alapuro, Janken Myrdal and Matti Peltonen, are active debaters in current theoretical and methodo-logical discussion.

The Quest for Knowledge in International Relations Feb 11 2022 What kinds of knowledge do international relations theories seek? How do they search for it and claim to have found it? Lebow uses his answers to these questions to say something important about the theory project in IR, and in the social sciences more generally.

New Theories of Everything Mar 12 2022 Cosmology & the universe.

The Theory of Everything Sep 06 2021 Taught by noted physicist Dr. Don Lincoln of the Fermi National Accelerator Laboratory, this course follows the search for a theory that explains all physical reality-a theory of everything. Dr. Lincoln covers recent developments in particle physics and cosmology, plus the background needed to appreciate the centuries-long search for this holy grail of science. Only high-school-level math is used.

Comparative Politics Jul 04 2021 Originally published by Charles E. Merrill Publishing Company in 1973, this study constitutes a theoretical introduction to the field of comparative politics.

13.8 Aug 05 2021 The 20th century gave us two great theories of physics: the general theory of relativity, which describes the behaviour of things on a very large scale, including the entire Universe; and quantum theory, which describes the behaviour of things on a very small scale, the sub-atomic world. The refusal of the Universe to reveal an equation that combines these two great ideas has caused some people to doubt our whole understanding of physics. In this landmark new book, popular science master John Gribbin tells the dramatic story of the quest that has led us to discover the true age of the Universe (13.8 billion years) and the stars (just a little bit younger). This discovery, Gribbin argues, is one of humankind's greatest achievements and shows us that physics is on the right track to finding the 'Theory of Everything'.13.8 provides an eye-opening look at this cutting-edge area of modern cosmology and physics, and tells the compelling story of what modern science has achieved - and what it can still achieve. Stephen Hawking's quest for a theory of everything Dec 09 2021

Knowledge Sep 25 2020 The theory of knowledge, or epistemology, is often regarded as a dry topic that bears little relation to actual knowledge practices. Knowledge: The Philosophical Quest in History addresses this perception by showing the roots, developments and prospects of modern epistemology from its beginnings in the nineteenth century to the present day. Beginning with an introduction to the central questions and problems in theory of knowledge, Steve Fuller goes on to demonstrate that contemporary epistemology is enriched by its interdisciplinarity, analysing keys areas including: Epistemology as Cognitive Economics Epistemology as Divine Psychology Epistemology as Philosophy of Science Epistemology as Sociology of Science Epistemology and Postmodernism. A wide-ranging and historically-informed assessment of the ways in which man has - and continues to - pursue, question, contest, expand and shape knowledge, this book is essential reading anyone in the Humanities and Social Sciences interested in the history and practical application of epistemology.

<u>Gentzen's Centenary</u> Apr 20 2020 Gerhard Gentzen has been described as logic's lost genius, whom Gödel called a better logician than himself. This work comprises articles by leading proof theorists, attesting to Gentzen's enduring legacy to mathematical logic and beyond. The contributions range from philosophical reflections and re-evaluations of Gentzen's original consistency proofs to the most recent developments in proof theory. Gentzen founded modern proof theory. His sequent calculus and natural deduction system beautifully explain the deep symmetries of logic. They underlie modern developments in computer science such as automated theorem proving and type theory.

Unended Quest Jul 24 2020 At the age of eight, Karl Popper was puzzling over the idea of infinity and by fifteen was beginning to take a keen interest in his father's well-stocked library of books. Unended Quest recounts these moments and many others in the life of one of the most influential thinkers of the twentieth century, providing an indispensable account of the ideas that influenced him most. As an introduction to Popper's philosophy, Unended Quest also shines. Popper lucidly explains the central ideas in his work, making this book ideal for anyone coming to Popper's life and work for the first time. Darwin's First Theory Oct 07 2021 Everybody knows—or thinks they know—Charles Darwin, the father of evolution and the man who altered the way we view our place in the world. But what most people do not know is that Darwin was on board the HMS Beagle as a geologist—on a mission to examine the land, not flora and fauna.Tracing Darwin's footsteps in South America and beyond, geologist Rob Wesson sets out on a trek across the Andes, repeating the nautical surveys made by the Beagle's crew, hunting for fossils in Uruguay and Argentina, and explores traces of long vanished glaciers in Scotland and Wales. By following Darwin's path literally and intellectually, Rob experiences the landscape that absorbed Darwin, followed his reasoning about what he saw, and immerses himself in the same questions about the earth. Upon Darwin's return from the five-year journey, he conceived his theory of tectonics-his first theory. These concepts and attitudes-the vastness of time; the enormous cumulative impact of almost imperceptibly slow change; change as a constant feature of the environment—underlie his subsequent discoveries in evolution. And this peculiar way of thinking remains vitally important today

as we enter the Anthropocene.

The Quest for a theory of everything hits some snags Feb 28 2021 *The Quest for Good Governance* Mar 20 2020 A passionate examination of why international anti-corruption fails to deliver results and how we should understand and build good governance.

The Elusive Quest Apr 01 2021 Ferguson and Mansbach argue that international relations theory is subjective since it reflects attitudes grounded in social or political milieus. They challenge the canons of realism and idealism and contrast normative poles such as mutability/immutability, optimism/pessimism, elitism/nonelitism, and competitiveness/community. They also argue that conceptual inadequacy inhibits theory, while theoretical anarchy prevails among various contemporary non-rational-actor and foreign policy approaches. ISBN 0-87249-539-6: \$29.95.

The Quest for a Universal Theory of Life Jan 22 2023 Explores fundamental philosophical and scientific questions about the nature of life, particularly in relation to the search for extraterrestrial life.

Einstein and the Quantum Oct 27 2020 The untold story of Albert Einstein's role as the father of quantum theory Einstein and the Quantum reveals for the first time the full significance of Albert Einstein's contributions to quantum theory. Einstein famously rejected quantum mechanics, observing that God does not play dice. But, in fact, he thought more about the nature of atoms, molecules, and the emission and absorption of light-the core of what we now know as quantum theory-than he did about relativity. A compelling blend of physics, biography, and the history of science, Einstein and the Quantum shares the untold story of how Einstein—not Max Planck or Niels Bohr—was the driving force behind early quantum theory. It paints a vivid portrait of the iconic physicist as he grappled with the apparently contradictory nature of the atomic world, in which its invisible constituents defy the categories of classical physics, behaving simultaneously as both particle and wave. And it demonstrates how Einstein's later work on the emission and absorption of light, and on atomic gases, led directly to Erwin Schrödinger's breakthrough to the modern form of quantum mechanics. The book sheds light on why Einstein ultimately renounced his own brilliant work on quantum theory, due to his deep belief in science as something objective and eternal.

Comparative Politics Nov 20 2022

Medieval Political Theory: A Reader Oct 15 2019 A textbook anthology of important works of political thought revealing the development of ideas from the 12th to the 15th centuries. Includes new translations of both well-known and ignored writers, and an introductory overview.

<u>13.8</u> Nov 27 2020 The 20th century gave us two great theories of physics: the general theory of relativity, which describes the behaviour of things on a very large scale, including the entire Universe; and quantum theory, which describes the behaviour of things on a very small scale, the sub-atomic world. The refusal of the Universe to reveal an equation that combines these two great ideas has caused some people to doubt our whole understanding of physics. In this landmark new book, popular science master John

Gribbin tells the dramatic story of the quest that has led us to discover the true age of the Universe (13.8 billion years) and the stars (just a little bit younger). This discovery, Gribbin argues, is one of humankind's greatest achievements and shows us that physics is on the right track to finding the 'Theory of Everything'. 13.8 provides an eye-opening look at this cutting-edge area of modern cosmology and physics, and tells the compelling story of what modern science has achieved – and what it can still achieve.

Beyond Einstein Jul 16 2022 What is superstring theory and why is it important? Can superstrings offer the fulfilment of Einstein's lifelong dream of a Theory of Everything? Co-authored by one of the leading pioneers in superstrings, Michio Kaku, this book approaches scientific questions with the excitement of a detective story, looking at new scientific research that may make the impossible possible.

Universe on a T-Shirt May 14 2022 No scientific quest is as compelling as the search for the key to understand the universe—the elusive unified "Theory of Everything"—a theory so concise it could fit on a T-shirt. Lively and thought-provoking, Universe on a T-Shirt tells the fascinating story of the search for the Holy Grail of physics. Dan Falk places this intriguing story in its historical context, tracing the quest from ancient Greece to the breakthroughs of Newton, Maxwell, and Einstein, to the excitement over string theory and today's efforts to merge quantum theory with general relativity. With as much emphasis on history as on science, Falk's accessible approach is ideal for anyone intrigued by the advances in modern physics but still wondering what theoretical physicists are searching for, and why. Today's physicists use sophisticated methods, but their goal-the search for simplicity—has not changed since the time of the ancient Greeks. Universe on a T-Shirt is filled with quirky personalities, brilliant minds, and bold ideas—high science and high drama. "An admirably concise and comprehensive overview of cosmology . . . [that] offers intriguing insights into the philosophic and personal outlooks motivating the scientists involved, from the ancient Greeks through Newton and Einstein ... [and] Stephen Hawking and Ed Witten."-Booklist

From Eternity to Here Dec 21 2022 Twenty years after Stephen Hawking's 9-million-copy selling A Brief History of Time, pioneering theoretical physicist Sean Carroll takes our investigation into the nature of time to the next level. You can't unscramble an egg and you can't remember the future. But what if time doesn't (or didn't!) always go in the same direction? Carroll's paradigm-shifting research suggests that other universes experience time running in the opposite direction to our own. Exploring subjects from entropy and quantum mechanics to time travel and the meaning of life, Carroll presents a dazzling new view of how we came to exist.

The Three Pillars of Radicalization Jun 22 2020 What fuels radicalization? Is deradicalization a possibility? The Three Pillars of Radicalization: Needs, Narratives, and Networks addresses these crucial questions by identifying the three major determinants of radicalization that progresses into violent extremism. The first determinant is the need: individuals' universal desire for personal significance. The second determinant is narrative, which guides members in their ''quest for significance.'' The third determinant is the network, or membership in one's group that validates the collective narrative and dispenses rewards like respect and veneration to members who implement it. In this book, Arie W. Kruglanski, Jocelyn J. Bélanger, and Rohan Gunaratna present a new model of radicalization that takes into account factors that activate the individual's quest for significance. Synthesizing varied empirical evidence, this volume reinterprets prior theories of radicalization and examines major issues in deradicalization and recidivism, which will only become more relevant as communities continue to negotiate the threat of extremism.

The Human Quest for Meaning Jan 10 2022 The first edition of The Human Quest for Meaning was a major publication on the empirical research of meaning in life and its vital role in well-being, resilience, and psychotherapy. This new edition continues that quest and seeks to answer the questions, what is the meaning of life? How do we explain what constitutes meaningful relationships, work, and living? The answers, as the eminent scholars and practitioners who contributed to this text find, are neither simple nor straightforward. While seeking to clarify subjective vs. objective meaning in 21 new and 7 revised chapters, the authors also address the differences in cultural contexts, and identify 8 different sources of meaning, as well as at least 6 different stages in the process of the search for meaning. They also address different perspectives, including positive psychology, self-determination, integrative, narrative, and relational perspectives, to ensure that readers obtain the most thorough information possible. Mental health practitioners will find the numerous meaning-centered interventions, such as the PURE and ABCDE methods, highly useful in their own work with facilitating healing and personal growth in their clients. The Human Quest for Meaning represents a bold new vision for the future of meaning-oriented research and applications. No one seeking to truly understand the human condition should be without it.

Our Mathematical Universe Aug 25 2020 Max Tegmark leads us on an astonishing journey through past, present, and future, and through the physics, astronomy, and mathematics that are the foundation of his work, most particularly his hypothesis that our physical reality is a mathematical structure and his theory of the ultimate multiverse. In a dazzling combination of both popular and groundbreaking science, he not only helps us grasp his often mind-boggling theories, but he also shares with us some of the often surprising triumphs and disappointments that have shaped his life as a scientist. Fascinating from first to last - here is a book for the full science-reading spectrum. Max Tegmark is author or co-author of more than 200 technical papers, twelve of which have been cited more than 500 times. He has featured in dozens of science documentaries, and his work with the SDSS collaboration on galaxy clustering shared the first prize in Science magazine's ''Breakthrough of the Year: 2003''. He holds a Ph.D from the University of California, Berkeley, and is a physics professor at MIT.

The Quest for a Universal Theory of Intelligence Dec 29 2020 Recent findings about the capabilities of smart animals such as corvids or octopi and novel types of artificial intelligence (AI), from social robots to cognitive assistants, are provoking the demand for new answers for meaningful comparison with other kinds of intelligence. This book fills this need by proposing a universal theory of intelligence which is based on causal learning

as the central theme of intelligence. The goal is not just to describe, but mainly to explain queries like why one kind of intelligence is more intelligent than another, whatsoever the intelligence. Shiny terms like "strong AI," "superintelligence," "singularity" or "artificial general intelligence" that have been coined by a Babylonian confusion of tongues are clarified on the way.

Theories of Everything Nov 08 2021 The Holy Grail of modern scientists is "The Theory of Everything," which will contain all that can be known about the Universe — the magic formula that Einstein spent his life searching for and failed to find. In this elegant and exciting book, first published in 1990, John Barrow challenges the quest for ultimate explanation. The New Scientist says of The Theory of Everything: [It is] "an exhilarating journey that cuts across a vast terrain of conceptual landmarks: from physics to metaphysics, mathematics to philosophy, and from mythology to theology . . . without a doubt an important, engaging and highly literate book."

Stephen Hawking Feb 23 2023 Summary: The story of the life and work of the British theoretical physicist who has taken the study of cosmology farther than most in his field, despite the need for a wheelchair and computer in order to travel and communicate In Search of a Theory of Everything Aug 17 2022 "In Search of a Theory of Everything is an adventurous journey in space and time in search of a unified "theory of everything" (TOE) by means of a rare and agile interplay between the natural philosophies of influential ancient Greek thinkers and the laws of modern physics. For a TOE, all the phenomena of nature share a subtle underlying commonality and are explainable by a single overarching immutable principle. Reading the past for what it is, is of tremendous value, but so is its reading from the perspective of modern knowledge. Not to judge it for its flaws but to be inspired by its insights. This comparative study of the universe is the spirit of In Search of a Theory of Everything-to physics through philosophy, to the new via the old, and in a balanced way. A relatively "easier" analysis of nature, that of a major natural philosopher of antiquity, commences every chapter to fasten the bedrock for the more complex. The transition into the more complicated views of modern physics is gradual and systematic, entwining finely the two, the ancient with the new, the forgotten with the current, by unfolding a history and a philosophy of science, and connecting all the great feats of the mind and time. Those philosophers had ideas that resonate with aspects of modern science; puzzles that still baffle; and rationales that can be used to reassess completely anew fundamental but competing principles of modern physics, even to speculate about open physics problems. In Search of a Theory of Everything is a new kind of sight, is a philosophical insight of modern physics"---

The God Equation Oct 19 2022 'A majestic story' David Bodanis, Financial Times From the international bestselling author of Physics of the Impossible and Physics of the Future This is the story of a quest: to find a Theory of Everything. Einstein dedicated his life to seeking this elusive Holy Grail, a single, revolutionary 'god equation' which would tie all the forces in the universe together, yet never found it. Some of the greatest minds in physics took up the search, from Stephen Hawking to Brian Greene. None have yet succeeded. In The God Equation, renowned theoretical physicist Michio Kaku takes the reader on a mind-bending ride through the twists and turns of this epic journey: a mystery that has fascinated him for most of his life. He guides us through the key debates in modern physics, from Newton's law of gravity via relativity and quantum mechanics to the latest developments in string theory. It is a tale of dazzling breakthroughs and crushing dead ends, illuminated by Kaku's clarity, storytelling flair and infectious enthusiasm. The object of the quest is now within sight: we are closer than ever to achieving the most ambitious undertaking in the history of science. If successful, the Theory of Everything could simultaneously unlock the deepest mysteries of space and time, and fulfil that most ancient and basic of human desires - to understand the meaning of our lives.

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