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Relativity, Gravitation and World-structure - Edward Arthur Milne 1975

Secrets of the Universe - Paul Murdin 2020-04-20

How did our universe come to exist? Why do stars shine? Is there life beyond the Earth? For millennia, humans have looked to the celestial sphere to explain the cosmos, first recording the movements of the Moon 25,000 years ago. Since the Enlightenment and the dawn of the space age, scientists have been unravelling cosmic mysteries, and raising astonishing new questions for future generations to answer. Today we live in an age of unprecedented astronomical revelation, from the discovery of water on Mars to the detection of gravitational waves and the first photograph of a black hole. World-renowned astronomer Paul Murdin explains the science behind these discoveries, along with the passions, struggles and quirks of fate that made them some of the most intriguing dramas of their times, demonstrating how human ingenuity and technological innovation have expanded our knowledge of the Universe beyond anything our ancestors - even as recently as a generation ago - could ever have imagined.

Before the Beginning - Martin J. Rees 2002

The experimental and theoretical successes of cosmology in recent years offer the most dramatic enlargement of our concept of the universe since astronomers first realised the Sun's true place among the stars. In this groundbreaking, thought-provoking and accessible book Professor Sir Martin Rees argues that our universe is just one element in an infinite ensemble, a cosmic archipelago where impassable barriers prohibit communication between the islands. Our 'home universe' is an exceptional member of this ensemble, however, not least because it contains creatures able to observe it and contemplate its nature, past and future. One of these is Rees himself: one of the most creative and original of contemporary scientists, and a wonderful guide to the mysteries of the cosmos.

The Origin of Continents and Oceans - Alfred Wegener 1966-01-01

In 1915 Alfred Wegener's seminal work describing the continental drift was first published in German. Wegener explained various phenomena of historical geology, geomorphology, paleontology, paleoclimatology, and similar areas in terms of continental drift. This edition includes new data to support his theories, helping to refute the opponents of his controversial views. 64 illustrations.

The Scale of the Universe - Harlow Shapley 1921

Econophysics and Sociophysics - Bikas K. Chakrabarti 2007-02-27

Using tricks to handle coupled nonlinear dynamical many-body systems, several advancements have already been made in understanding the behavior of markets/economic/social systems and their dynamics. The book intends to provide the reader with updated reviews on such major developments in both econophysics and sociophysics, by leading experts in the respective fields. This is the first book providing a panoramic view of these developments in the last decade.

Colorado - Fodor's Travel Publications, Inc 2004

Suggests places to eat, stay, and play, both indoors and outdoors, through the four seasons in Colorado.

Schaum's Outline of Astronomy - Stacey Palen 2001-12-21

Tough Test Questions? Missed Lectures? Not Enough Time? Fortunately for you, there's Schaum's Outlines. More than 40 million students have trusted Schaum's to help them succeed in the classroom and on exams.

Schaum's is the key to faster learning and higher grades in every subject. Each Outline presents all the essential course information in an easy-to-follow, topic-by-topic format. You also get hundreds of examples, solved problems, and practice exercises to test your skills. This Schaum's Outline gives you Practice problems with full explanations that reinforce knowledge Coverage of the most up-to-date developments in your course field In-depth review of practices and applications Fully compatible with your classroom text, Schaum's highlights all the important facts you need to know. Use Schaum's to shorten your study time-and get your best test scores! Schaum's Outlines-Problem Solved.

The Urantia Book - Urantia Foundation 1955

This priceless and inexhaustible resource is the ultimate synthesis of "science, philosophy and truth," of "reason, wisdom and faith," and of "past, present and future."

Labnet - Richard Ruopp 2012-10-12

Connected by a computer telecommunications network, ninth-graders from eight high schools scattered thousands of miles across Alaska work together, building a robot submarine to gather samples from the floor of Prince William Sound. This is high school science as some teachers and educational reformers today envision it -- centered on student projects that encourage learning by doing...supported by modern technology...enriched by collaboration among students and teachers, both face to face and far apart. This example is drawn from LabNet, a three-year effort funded by the National Science Foundation. The project was conducted by Technical Education Research Centers (TERC), a nonprofit educational organization dedicated to improving mathematics and science education. Eventually reaching 562 teachers in 37 states, Puerto Rico, and American Samoa, LabNet had a direct impact on their classroom practice. In a follow-up evaluation, the majority said they had assigned their students more projects and had used LabNet's telecommunications network to exchange project ideas with other teachers. This book is the story of LabNet as told by its editors, with 14 additional essays on science projects -- both theoretical and practical - - by LabNet teachers and TERC staff.

Educating for Character - Thomas Lickona 2009-09-02

Calls for renewed moral education in America's schools, offering dozens of programs schools can adopt to teach students respect, responsibility, hard work, and other values that should not be left to parents to teach.

The Reconstruction of Religious Thought in Islam - Mohammad Iqbal 2013-05-22

The Reconstruction of Religious Thought in Islam (1930) is Muhammad Iqbal's major philosophic work: a series of profound reflections on the perennial conflict among science, religion, and philosophy, culminating in new visions of the unity of human knowledge, of the human spirit, and of God. Iqbal's thought contributed significantly to the establishment of Pakistan, to the religious and political ideals of the Iranian Revolution, and to the survival of Muslim identity in parts of the former USSR. It now serves as new bridge between East and West and between Islam and the other Religions of the Book. With a new Introduction by Javed Majeed, this edition of The Reconstruction opens the teachings of Iqbal to the modern, Western reader. It will be essential reading for all those interested in Islamic intellectual history, the renewal of Islam in the modern world, and political theory of Islam's relationship to the West.

The Lonely God - Ronald L. Dart 2005-12-01

The Bible doesn't contradict itself, but it often runs counter to what we expect. Part of the problem lies in

the limitations of the human mind. The very idea of God exceeds our grasp. Traditional views hold that God himself is the only uncreated being. Everything and everyone else was created by him. But then that means that before God created the things that are, he was alone - for eternity. But that seems impossible. It is possible to understand God, but only on his own terms, and only by his own revelation. When we try to go beyond what he shows himself to be, we risk creating God in our own image. God has not left us in the dark. He has given us clouds of witnesses, some of whom survived a close encounter with God. From their testimony and from the actions of God in history, a picture begins to emerge. So what in the world is God doing? What is God's purpose for mankind? This book is about understanding and knowing God as he wishes to be known, not necessarily as we wish to know him. The picture that emerges is disturbing. God is not only kind, merciful, forgiving, and longsuffering. He is dangerous. This is why the Bible speaks of the fear of God. This insightful, instructive, and provocative book will change the way you think about God.

On the Revolutions of Heavenly Spheres - Nicolaus Copernicus 2010-08-27

The Ptolemaic system of the universe, with the earth at the center, had held sway since antiquity as authoritative in philosophy, science, and church teaching. Following his observations of the heavenly bodies, Nicolaus Copernicus (1473-1543) abandoned the geocentric system for a heliocentric model, with the sun at the center. His remarkable work, *On the Revolutions of Heavenly Spheres*, stands as one of the greatest intellectual revolutions of all time, and profoundly influenced, among others, Galileo and Sir Isaac Newton.

Wittgenstein's Metaphilosophy - Paul Horwich 2012-12-13

Paul Horwich presents a bold new interpretation of Wittgenstein's later work. He argues that it is Wittgenstein's radically anti-theoretical metaphilosophy - and not his identification of the meaning of a word with its use - that underpins his discussions of specific issues concerning language, the mind, mathematics, knowledge, art, and religion.

The Mechanical Theory of Heat - Rudolf Clausius 1879

Evidence as to Man's Place in Nature - Thomas Henry Huxley 1863

Edwin Hubble - Gale E. Christanson 2019-03-04

Edwin Hubble: Mariner of the Nebulae is both the biography of an extraordinary human being and the story of the greatest quest in the history of astronomy since the Copernican revolution. The book is a revealing portrait of scientific genius, an incisive engaging history of ideas, and a shimmering evocation of what we see when gazing at the stars. Born in 1889 and reared in the village of Marshfield, Missouri, Edwin Powell Hubble-star athlete, Rhodes Scholar, military officer, and astronomer- became one of the towering figures in twentieth-century science. Hubble worked with the great 100-inch Hooker telescope at California's Mount Wilson Observatory and made a series of discoveries that revolutionized humanity's vision of the cosmos. In 1923 he was able to confirm the existence of other nebulae (now known to be galaxies) beyond our own Milky Way. By the end of the decade, Hubble had proven that the universe is expanding, thus laying the very cornerstone of the big bang theory of creation. It was Hubble who developed the elegant scheme by which the galaxies are classified as ellipticals and spirals, and it was Hubble who first provided reliable evidence that the universe is homogeneous, the same in all directions as far as the telescope can see. An incurable Anglophile with a penchant for tweed jackets and English briars, Hubble, together with his brilliant and witty wife, Grace Burke, became a fixture in Hollywood society in the 1930s and 40s. They counted among their friends Charlie Chaplin, the Marx brothers, Anita Loos, Aldous and Maria Huxley, Walt Disney, Helen Hayes, and William Randolph Hearst. Albert Einstein, a frequent visitor to Southern California, called Hubble's work "beautiful" and modified his equations on relativity to account for the discovery that the cosmos is expanding.

The Nasirean Ethics (RLE Iran C) - Nasir ad-Din Tusi 2012-04-27

The Nasirean Ethics is the best known ethical digest to be composed in medieval Persia, if not in all mediaeval Islam. It appeared initially in 633/1235 when Tūsī was already a celebrated scholar, scientist, politico-religious propagandist. The work has a special significance as being composed by an outstanding figure at a crucial time in the history he was himself helping to shape: some twenty years later Tūsī was to

cross the greatest psychological watershed in Islamic civilization, playing a leading part in the capture of Baghdad and the extinction of the generally acknowledged Caliphate there. In this work the author is primarily concerned with the criteria of human behaviour: first in terms of space and priority allotted, at the individual level, secondly, at the economic level and thirdly at the political level.

Relativity, Thermodynamics, and Cosmology - Richard Chace Tolman 1987-01-01

Landmark study discusses Einstein's theory, extends thermodynamics to special and general relativity, and also develops the applications of relativistic mechanics and thermodynamics to cosmological models.

BIBLE, THE QUR AN & SCIENCE, - Maurice Bucaille 2003

Is Nature Enough? - John F. Haught 2006-05-04

Is nature all there is? John Haught examines this question and in doing so addresses a fundamental issue in the dialogue of science with religion. The belief that nature is all there is and that no overall purpose exists in the universe is known broadly as 'naturalism'. Naturalism, in this context, denies the existence of any realities distinct from the natural world and human culture. Since the rise of science in the modern world has had so much influence on naturalism's intellectual acceptance, the author focuses on 'scientific' naturalism and the way in which its defenders are now attempting to put a distance between contemporary thought and humanity's religious traditions. Haught seeks to provide a reasonable, scientifically informed alternative to naturalism. His approach will provide the basis for lively discussion among students, scholars, scientists, theologians and intellectually curious people in general.

The Science of Interstellar - Kip Thorne 2014-11-07

A journey through the otherworldly science behind Christopher Nolan's award-winning film, *Interstellar*, from executive producer and Nobel Prize-winning physicist Kip Thorne. *Interstellar*, from acclaimed filmmaker Christopher Nolan, takes us on a fantastic voyage far beyond our solar system. Yet in *The Science of Interstellar*, Kip Thorne, the Nobel prize-winning physicist who assisted Nolan on the scientific aspects of *Interstellar*, shows us that the movie's jaw-dropping events and stunning, never-before-attempted visuals are grounded in real science. Thorne shares his experiences working as the science adviser on the film and then moves on to the science itself. In chapters on wormholes, black holes, interstellar travel, and much more, Thorne's scientific insights—many of them triggered during the actual scripting and shooting of *Interstellar*—describe the physical laws that govern our universe and the truly astounding phenomena that those laws make possible. *Interstellar* and all related characters and elements are trademarks of and © Warner Bros. Entertainment Inc. (s14).

The Evolution Deceit - Hârun Yahya 2001

During the last 140 years, Darwinism that rejects the fact of creation, and therefore the existence of Allah, has caused many people to abandon their faith or fall into doubt, Therefore, showing that this theory is a deception is a very important duty, which is strongly related to the religion.

A Thousand Words for You (HC) - Raissa Almira 2020-02-17

It's raining here, how is it there? I hope the universe delivers my prayers to you, I hope they jump over barriers to get to you, I hope they cross the oceans to reach you, I hope they finally bring me back to you.

The Early Universe - Edward Kolb 2018-03-08

The Early Universe has become the standard reference on forefront topics in cosmology, particularly to the early history of the Universe. Subjects covered include primordial nucleosynthesis, baryogenesis, phases transitions, inflation, dark matter, and galaxy formation, relics such as axions, neutrinos and monopoles, and speculations about the Universe at the Planck time. The book includes more than ninety figures as well as a five-page update discussing recent developments such as the COBE results.

The Very First Light - John Boslough 2008-10-20

In the early 1990s, a NASA-led team of scientists changed the way we view the universe. With the COBE (Cosmic Background Explorer) project, they showed that the microwave radiation that fills the universe must have come from the Big Bang—effectively proving the Big Bang theory beyond any doubt. It was one of the greatest scientific findings of our generation, perhaps of all time. In *The Very First Light*, John Mather, one of COBE's leaders, and science writer John Boslough tell the story of how it was achieved. A gripping tale of big money, bigger egos, tense politics, and cutting-edge engineering, *The Very First Light*

offers a rare insider's account of the world of big science.

Fear of Physics - Lawrence M. Krauss 2007-07-30

"Assume the cow is a sphere." So begins this lively, irreverent, and informative look at everything from the physics of boiling water to cutting-edge research at the observable limits of the universe. Rich with anecdotes and accessible examples, Fear of Physics nimbly ranges over the tools and thought behind the world of modern physics, taking the mystery out of what is essentially a very human intellectual endeavour.

Major Themes of the Qur'an - Fazlur Rahman 2009-06-15

In this introduction to the Qur'an, Fazlur Rahman unravels its complexities on themes such as God, society, revelation, and prophecy.

Principles of Oceanography - Richard A. Davis (Jr.) 1977

The Vanity of Existence - Arthur Schopenhauer 2015-09-01

Arthur Schopenhauer (1788-1860) is remembered as an atheist, a pessimist, and the first Western philosopher to incorporate Eastern thought into his work. Iconoclastic in his time, his ideas remain provocative and insightful today. The ten essays collected in this volume demonstrate his brilliance as both a scholar and a stylist. They serve as an ideal introduction to his work, as well as an illuminating supplement to his magnum opus, *The World as Will and Representation*.

The Canon of Medicine - Avicenna 1999

Vol. 2: Published for the first time in English alphabetical order, vol. 2 (of the 5 original volumes) of "Canon of Medicine" (Law of Natural Healing), is an essential addition to the history of medicine as it holds a treasure of information on natural pharmaceuticals used for over 1000 years to heal various diseases and disorders. Fully color illustrated with a 150 page, 7000 word index of the healing properties of each of the entries, the text itself is an alphabetical listing of the natural pharmaceuticals of the simple compounds. By simple compounds, Avicenna includes the individual plants, herbs, animals and minerals that have healing properties. Avicenna lists 800 tested natural pharmaceuticals including plant, animal and mineral substances. The compiler has included the Latin, Persian and Arabic names of the drugs along with artistic renderings of the drugs as illustrations as well as Avicenna's Tables or Grid for each entry that describes the individual, specific qualities of simple drugs.

The Alchemy of the Heavens - Ken Croswell 1995

"The Alchemy Of The Heavens offers an exciting and accessible survey of what we know about our galaxy. The home of the earth, the sun, and countless other stars, the Milky Way has long been an object of human fascination, but it's been in the last forty years that astronomers and astrophysicists have made the most startling discoveries about our galaxy. Author Ken Croswell reveals that the Milky Way formed as many earlier galaxies collapsed and smashed together; that many of the elements in the galaxy—including the iron and carbon that course through our bodies—were born in exploding supernovae; that in all likelihood there is a massive black hole at the center of the galaxy, with a million times more mass than the sun, and that the Milky Way's oldest stars preserve the elements created in the big bang, thereby serving as "fossils" of the universe's earliest days. A captivating journey through the modern astronomy of the Milky Way, Croswell shows us how a deeper understanding of the nature and working of the galaxy can offer larger clues into the origins of the universe itself. "From the Trade Paperback edition.

The Anthropic Cosmological Principle - John D. Barrow 1988

Explores the concepts and many implications of the theory that the structure and operation of the universe is determined by the existence of intelligent observers

Cosmology and Controversy - Helge Kragh 1999-03-14

Between 1920 and 1970, cosmology became a branch of physics. This text examines how the big bang theory drew inspiration from, and eventually triumphed over, rival views, mainly the steady-state theory and its concept of a stationary universe.

Professional Coaching - Susan English, OSB, EdD, MCC 2018-12-07

Incorporating a wealth of knowledge from international experts, this is an authoritative guide to provide a comprehensive overview of professional coaching. Grounded in current research, it addresses the historical, ethical, theoretical, and practice foundations of professional coaching, and examines such key therapeutic approaches as acceptance and commitment, internal family systems, psychodynamic, and interpersonal. In easily accessible language, the book discusses core considerations for effective practice such as presence, meaning-making, mindfulness, emotions, self-determination, and culture. The reference examines the variety of practice settings for the profession, including executive, life/personal, health/wellness, spiritual, team, education, and career coaching, along with critical issues such as research advances, credentialing, and training. Further contributing to coaching savvy, the book has techniques for measuring client progress, applications of adult development, intentional change theory, and more. Chapters include recommendations for further reading. Key Features: Provides a comprehensive overview of a fast-growing field Includes contributions from international experts Covers historical, professional, philosophical, and theoretical foundations as well as important applications and practice settings Includes suggestions for further reading

The Moon and How to Observe It - Peter Grego 2006-01-27

This revolutionary new book is written for practical amateur astronomers who not only want to observe, but want to know the details of exactly what they are looking at. The Moon is the most commonly observed of all astronomical objects. This is the first book to deal equally with the Moon itself - its formation, geology, and history - as well as the practical aspects of observation. The concept of the book - and of the series - is to present an up-to-date detailed description of the Moon, including its origins, history, and geology (part one); and then (part two) to consider how best to observe and record it successfully using commercially-available equipment. The Moon and How to Observe It is a mine of information for all levels of amateur observers, from the beginner to the experienced

Cosmological Physics - J. A. Peacock 1999

A comprehensive and authoritative introduction to contemporary cosmology for advanced undergraduate and graduate students.

The Inflationary Universe - Alan Guth 1998-03-18

This is the compelling, first-hand account of Alan Guth's paradigm-breaking discovery of the origins of the universe—and of his dramatic rise from young researcher to physics superstar. Guth's startling theory—widely regarded as one of the most important contributions to science during the twentieth century—states that the big bang was set into motion by a period of hyper-rapid “inflation,” lasting only a billion-trillion-billionth of a second. The Inflationary Universe is the passionate story of one leading scientist's effort to look behind the cosmic veil and explain how the universe began.

The Creation of the Universe - Harun Yahya 1999