

The Cosmic Perspective 7th Edition

'A prodigious novel ... Stapledon's literary imagination was boundless' Jorge Luis Borges A lasting influence on successive generations of science fiction writers and on the physicist Freeman Dyson, this poetic, philosophical tale of one man's unexpected voyage through the universe is imbued with a sense of mystery and vast cosmic loneliness. 'The most wonderful novel I have ever read ... Star Maker remains light years ahead' Brian Aldiss 'Probably the most powerful work of imagination ever written' Arthur C. Clarke 'A unique genius' Doris Lessing 'One of the most creative thinkers of our time' Greg Bear

Concepts of Biology is designed for the single-semester introduction to biology course for non-science majors, which for many students is their only college-level science course. As such, this course represents an important opportunity for students to develop the necessary knowledge, tools, and skills to make informed decisions as they continue with their lives. Rather than being mired down with facts and vocabulary, the typical non-science major student needs information presented in a way that is easy to read and understand. Even more importantly, the content should be meaningful. Students do much better when they understand why biology is relevant to their everyday lives. For these reasons, Concepts of Biology is grounded on an evolutionary basis and includes exciting features that highlight careers in the biological sciences and everyday applications of the concepts at hand. We also strive to show the interconnectedness of topics within this extremely broad discipline. In order to meet the needs of today's instructors and students, we maintain the overall organization and coverage found in most syllabi for this course. A strength of Concepts of Biology is that instructors can customize the book, adapting it to the approach that works best in their classroom. Concepts of Biology also includes an innovative art program that incorporates critical thinking and clicker questions to help students understand--and apply--key concepts.

Life in the Universe By Jeffrey O. Bennett

By demonstrating how forgiveness, approached in the correct manner, benefits the forgiver far more than the forgiven this self-help book benefits people who have been deeply hurt by another and caught in a vortex of anger, depression, and resentment.

For courses in College Physics. Bringing the best of physics education research to a trusted and classic text For more than five decades, Sears and Zemansky's College Physics has provided the most reliable foundation of physics education for students around the world. New coauthors Phil Adams and Ray Chastain thoroughly revised the Tenth Edition by incorporating the latest methods from educational research. New features help students develop greater confidence in solving problems, deepen conceptual understanding, and strengthen quantitative-reasoning skills, while helping them connect what they learn with their other courses and the changing world around them. New media resources in MasteringPhysics create an unrivalled learning suite for students and instructors. MasteringPhysics® is not included. Students, if MasteringPhysics is a recommended/mandatory component of the course, please ask your instructor for the correct ISBN. MasteringPhysics should only be purchased when required by an instructor. Instructors, contact your Pearson representative for more information. MasteringPhysics is an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Interactive, self-paced tutorials provide individualized coaching to help students stay on track. With a wide range of activities available, students can actively learn, understand, and retain even the most difficult concepts.

This volume provides translations from St. Maximus' two main collections of theological reflections - his Ambigua (or Difficulties) and his Questions to Thalassius - plus one of his Christological opuscula, previously unavailable in English. The translations are accompanied by notes. --from back cover.

For two-semester courses in astronomy. Teaching the Process of Science through Astronomy Building on a long tradition of effective pedagogy and comprehensive coverage, The Cosmic Perspective, Eighth Edition provides a thoroughly engaging and up-to-date introduction to astronomy for non-science majors. This text offers a wealth of features that enhance student understanding of the process of science and actively engage students in the learning process for key concepts. The fully updated Eighth Edition includes the latest scientific discoveries, revises several subjects based on our most current understanding of the cosmos, and now emphasizes deeper understanding of the twists and turns of the process of science and the relevance of concepts to student's lives. This text is also available in two volumes, which can be purchased separately: The Cosmic Perspective: The Solar System, Eighth Edition (includes Chapters 1–13, 14, S1, 24) The Cosmic Perspective: Stars, Galaxies, and Cosmology, Eighth Edition (includes Chapters 1-3, S1, 4–6, S2–S4, 14–24) Also available as a Pearson eText or packaged with Mastering Astronomy Pearson eText is a simple-to-use, mobile-optimized, personalized reading experience that can be adopted on its own as the main course material. It lets students highlight, take notes, and review key vocabulary all in one place, even when offline. Seamlessly integrated videos and other rich media engage students and give them access to the help they need, when they need it. Educators can easily share their own notes with students so they see the connection between their eText and what they learn in class — motivating them to keep reading, and keep learning. Mastering Astronomy is the leading online homework, tutorial, and assessment system, designed to improve results by engaging students before, during, and after class with powerful content. Instructors ensure students arrive ready to learn by assigning educationally effective content before class, and encourage critical thinking and retention with in-class resources. Students can further master concepts after class through homework assignments that provide interactivity, hints and answer-specific feedback. Note: You are purchasing a standalone book; Pearson eText and Mastering Astronomy do not come packaged with this content. Students, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If your instructor has assigned Pearson eText as your main course material, search for: • 0135234441 / 9780135234440 Pearson eText The Cosmic Perspective, 8/e -- Access Card OR • 0135234417 / 9780135234419 Pearson eText The Cosmic Perspective, 8/e -- Instant Access If you would like to purchase both the physical text and Mastering Astronomy, search for: 0134058291 / 9780134058290 Cosmic Perspective Plus MasteringAstronomy with eText -- Access Card Package, The Package consists of: 0134059069 / 9780134059068 Cosmic Perspective, The 0134080572 / 9780134080574 MasteringAstronomy with Pearson eText -- ValuePack Access Card -- for The Cosmic Perspective 0321765184 / 9780321765185 SkyGazer 5.0 Student Access Code Card (Integrated component)

This edition features the exact same content as the traditional text in a convenient, three-hole-punched, loose-leaf version. Books a la Carte also offer a great value for your students-this

format costs 35% less than a new textbook. The Essential Cosmic Perspective, Sixth Edition retains all of the features that have made this text so popular and effective. New features and updates based on current research will engage you as you learn about astronomy. The textbook package also includes updated supplements to support the book's pedagogy, making it the most effective text in the one-semester astronomy market. The Sixth Edition includes new visual foldout diagrams on the scale of space and time, a key concept in understanding the scope of the universe and individual objects within it. The book also includes Group Work Exercises to foster active participation in class and peer learning. This package contains: Books a la Carte for The Essential Cosmic Perspective, Sixth Edition

Over the years, startling evidence has been unearthed, challenging established notions of the origins of Earth and life on it, and suggesting the existence of a superior race of beings who once inhabited our world. The product of thirty years of intensive research, The 12th Planet is the first book in Zecharia Sitchin's prophetic Earth Chronicles series--a revolutionary body of work that offers indisputable documentary proof of humanity's extraterrestrial forefathers. Travelers from the stars, they arrived eons ago, and planted the genetic seed that would ultimately blossom into a remarkable species...called Man. The 12th Planet brings to life the Sumerian civilization, presenting millennia-old evidence of the existence of Nibiru, the home planet of the Anunnaki, and of the landings of the Anunnaki on Earth every 3,600 years, and reveals a complete history of the solar system as told by these early visitors from another planet. Zecharia Sitchin's Earth Chronicles series, with millions of copies sold worldwide, deal with the history and prehistory of Earth and humankind. Each book in the series is based upon information written on clay tablets by the ancient civilizations of the Near East. The series is offered here, for the first time, in highly readable, hardbound collector's editions with enhanced maps and diagrams.

Rising interest in climate change and severe weather phenomena are making meteorology courses more popular than ever--yet this fast-paced, one-semester curriculum is packed with complex physical concepts that can be challenging. In Aguado/Burt's Understanding Weather & Climate, a first-rate textbook and inspired technology tutorials combine to engage students in learning about atmospheric behavior. The authors use everyday occurrences to illustrate meteorology and climatology. Dynamic illustrations from the book come to life in the new fully integrated MyMeteorologyLab website, where students have access to a variety of media and self study resources such as animated tutorials, videos, and satellite loops of atmospheric phenomena. While staying true to the text's rigorous and quantitative approach, the Sixth Edition incorporates the latest new science and issues, new technology and media to help both teach and visualize the toughest topics, with a more learner-centered architecture and design.

With Astronomy Today, Eighth Edition, trusted authors Eric Chaisson and Steve McMillan communicate their excitement about astronomy, delivering current and thorough science with insightful pedagogy. The text emphasizes critical thinking and visualization, and it focuses on the process of scientific discovery, teaching students how we know what we know. Alternate Versions *Astronomy Today, Volume 1: The Solar System, Eighth Edition-Focuses primarily on planetary coverage for a 1-term course. Includes Chapters 1-16, 28. *Astronomy Today, Volume 2: Stars and Galaxies, Eighth Edition-Focuses primarily on stars and stellar evolution for a 1-term course. Includes Chapters 1-5 and 16-28.

NOTE: You are purchasing a standalone product; MasteringAstronomy does not come packaged with this content. If you would like to purchase both the physical text and MasteringAstronomy search for 0133858642 / 9780133858648 The Cosmic Perspective Fundamentals Plus MasteringAstronomy with eText, Access Card Package: Package consists of: 0133889564 / 9780133889567 Cosmic Perspective Fundamentals, The 0133905306 / 9780133905304 MasteringAstronomy with Pearson eText -- ValuePack Access Card -- for The Cosmic Perspective Fundamentals 0321712951 / 9780321712950 Starry Night College Student Access Code Card 0321765184 / 9780321765185 SkyGazer 5.0 Student Access Code Card (Integrated component) MasteringAstronomy should only be purchased when required by an instructor. For one-semester college courses in Introductory Astronomy. Teaching the Process of Science through Astronomy Inspired by an activities-based classroom approach, The Cosmic Perspective Fundamentals is the briefest introduction to astronomy in the Bennett series. By focusing on the process of science and fundamental concepts of astronomy, The Cosmic Perspective Fundamentals allows time for the use of other instructional tools in the course. Each concisely written chapter is formatted into two main sections followed by a Process of Science section, making learning targeted and expectations clear for students. The Second Edition of The Cosmic Perspective Fundamentals presents recent dramatic advances in astronomy and how they change our understanding of the cosmos. This new edition focuses on essential subjects of astronomy chosen for their importance to the field, interest, and engagement level, using goal-oriented lessons and practical tools to bring astronomy to life. The textbook is now supported in MasteringAstronomy to create an unrivalled learning suite for students and instructors.

Are human lives ultimately meaningless? Is our inevitable death bad? Would immortality be better? Should we hasten our deaths by taking our own lives in acts of suicide? Many people ask these big questions and many are plagued by them. Surprisingly few analytic philosophers have spoken to these important questions. When they have engaged the big existential questions they have tended, like more popular writers, to offer comforting, optimistic answers. The Human Predicament offers a less sanguine assessment. David Benatar invites readers to take a clear-eyed view of our situation, defending a substantial, but not unmitigated, pessimism about human life. Benatar argues that while our lives can have some meaning, cosmically speaking we are ultimately the insignificant beings that we often fear we are. A candid appraisal reveals that the quality of life, although less bad for some people than for others, leaves much to be desired in even the best cases. But death, David Benatar argues, is hardly the solution. Our mortality exacerbates rather than mitigates our cosmic meaninglessness. It can release us from suffering but even when it does it imposes another cost - annihilation. This unfortunate state of affairs has nuanced implications for how we should think about immortality, about suicide, and about the aspects of life in which we can and do find deeper meaning. Engaging profound existential questions with analytic rigor and clarity, The Human Predicament is clear eyed, unsentimental, and deeply provocative to some of our most cherished beliefs.

"Provides a cumulative guide to the general lessons of modern scientific cosmology, as well as the historical background that connects the nature of the universe with the reader's place in it"--Provided by publisher.

NEW YORK TIMES BESTSELLER "If you're looking for a book to take on holiday this summer, The Seven Husbands of Evelyn Hugo has got all the glitz and glamour to make it a perfect beach read." —Bustle From the New York Times bestselling author of Daisy Jones & the Six—an entrancing and "wildly addictive journey of a reclusive Hollywood starlet" (PopSugar) as she reflects on her relentless rise to the top and the risks she took, the loves she lost, and the long-held secrets the public could never imagine. Aging and reclusive Hollywood movie icon Evelyn Hugo is finally ready to tell the truth about her glamorous and scandalous life. But when she chooses unknown magazine reporter Monique Grant for the job, no one is more astounded than Monique herself. Why her? Why now? Monique is not exactly on top of the world. Her husband has left her, and her professional life is going nowhere. Regardless of why Evelyn has selected her to write her biography, Monique is determined to use this opportunity to jumpstart her career. Summoned to Evelyn's luxurious apartment, Monique listens in fascination as the actress tells her story. From making her way to Los Angeles in the 1950s to her decision to leave show business in the '80s, and, of course, the seven husbands along the way, Evelyn unspools a tale of ruthless ambition, unexpected friendship, and a great forbidden love. Monique begins to feel a very real connection to the legendary star, but as Evelyn's story near its conclusion, it becomes clear that her life intersects with Monique's own in tragic and irreversible ways. "Heartbreaking, yet beautiful" (Jamie

Blynn, Us Weekly), The Seven Husbands of Evelyn Hugo is “Tinseltown drama at its finest” (Redbook): a mesmerizing journey through the splendor of old Hollywood into the harsh realities of the present day as two women struggle with what it means—and what it costs—to face the truth.

In this fifth edition of *A Cognitive Psychology of Mass Communication*, author Richard Jackson Harris continues his examination of how our experiences with media affect the way we acquire knowledge about the world, and how this knowledge influences our attitudes and behavior. Presenting theories from psychology and communication along with reviews of the corresponding research, this text covers a wide variety of media and media issues, ranging from the commonly discussed topics – sex, violence, advertising – to lesser-studied topics, such as values, sports, and entertainment education. The fifth and fully updated edition offers: highly accessible and engaging writing contemporary references to all types of media familiar to students substantial discussion of theories and research, including interpretations of original research studies a balanced approach to covering the breadth and depth of the subject discussion of work from both psychology and media disciplines. The text is appropriate for Media Effects, Media & Society, and Psychology of Mass Media coursework, as it examines the effects of mass media on human cognitions, attitudes, and behaviors through empirical social science research; teaches students how to examine and evaluate mediated messages; and includes mass communication research, theory and analysis.

Envisions a confrontation between God and Satan when God decides to save the peoples of the world by sending his son to redeem them

In the last thirty years of his life Albert Einstein searched for a unified theory - a theory which could describe all the forces of nature in a single framework. But the time was not right for such a discovery in Einstein's day. Neither was the time right when, in 1988, Professor Stephen Hawking wrote *A Brief History of Time* in which he took us on a journey through classical physics, Einstein's theory of relativity, quantum physics and string theory in order to explain the universe that we live in. He concluded, like Einstein, that science may soon arrive at the long sought after 'Theory of Everything'. In this groundbreaking new work, Professor Hawking and renowned science writer Leonard Mlodinow have drawn on forty years of Hawking's own research and a recent series of extraordinary astronomical observations and theoretical breakthroughs to reveal an original and controversial theory. They convincingly argue that scientific obsession with formulating a single new model may be misplaced, and that by synthesising existing theories we may discover the key to finally understanding the universe's deepest mysteries. Written with the clarity and lively style for which Hawking is famous, *The Grand Design* is an account of Hawking's quest to fuse these different strands of scientific theory. It examines the differences between past and future, explains the nature of reality and asks an all-important question: How far can we go in our search for understanding and knowledge?

ALERT: Before you purchase, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. Packages Access codes for Pearson's MyLab & Mastering products may not be included when purchasing or renting from companies other than Pearson; check with the seller before completing your purchase. Used or rental books If you rent or purchase a used book with an access code, the access code may have been redeemed previously and you may have to purchase a new access code. Access codes Access codes that are purchased from sellers other than Pearson carry a higher risk of being either the wrong ISBN or a previously redeemed code. Check with the seller prior to purchase. -- Building on a long tradition of effective pedagogy and comprehensive coverage, *The Cosmic Perspective, Seventh Edition* provides a thoroughly engaging and up-to-date introduction to astronomy for non-science majors. The text provides a wealth of features that enhance skill-building, including new group work exercises that help you retain concepts longer and build communication skills for the future. The Seventh Edition has also been fully updated to include the latest astronomical observations, results from recent space missions, research, and theoretical developments that inform our understanding of the early universe. Two volumes of this text are also available: *The Cosmic Perspective: The Solar System, Seventh Edition* (includes Chapters 1–13, 24) *The Cosmic Perspective: Stars, Galaxies, and Cosmology, Seventh Edition* (includes Chapters 1–6, S2–S4, 14–24) NOTE: This is what is included in this ISBN 0321839501 / 9780321839503 Cosmic Perspective Plus MasteringAstronomy with eText -- Access Card Package Package consists of 0321765184 / 9780321765185 SkyGazer 5.0 Student Access Code Card (Integrated component) 0321839552 / 9780321839558 Cosmic Perspective, The 0321840925 / 9780321840929 MasteringAstronomy with Pearson eText -- Access Card -- for The Cosmic Perspective

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Ph.D. expert in astronautical and aeronautical engineering provides good news for believers — new scientific research supports the idea that the universe was created by God. Photographs of emerging stars, nebulae, and other astronomical marvels highlight an exploration of the impact that the Hubble Space Telescope has had on scientific study and general appreciation of the wonders of the skies.

A noted historian of religion traces manifestations of the sacred from primitive to modern times, in terms of space, time, nature and the cosmos, and life itself. Index. Translated by Willard Trask.

Building on a long tradition of effective pedagogy and comprehensive coverage, *The Cosmic Perspective, Eighth Edition* provides a thoroughly engaging and up-to-date introduction to astronomy for non-science majors. This text offers a wealth of features that enhance student understanding of the process of science and actively engage students in the learning process for key concepts. The fully updated Eighth Edition includes the latest scientific discoveries, revises several subjects based on our most current understanding of the cosmos, and now emphasizes deeper understanding of the twists and turns of the process of science and the relevance of concepts to student's lives. Note: You are purchasing a standalone product; MasteringAstronomy does not come packaged with this content. Students, if interested in purchasing this title with MasteringAstronomy, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and MasteringAstronomy, search for: 0134058291 / 9780134058290 Cosmic Perspective Plus MasteringAstronomy with eText -- Access Card Package, The Package consists of: 0134059069 / 9780134059068 Cosmic Perspective, The 0134080572 / 9780134080574 MasteringAstronomy with Pearson eText -- ValuePack Access Card -- for The Cosmic Perspective 0321765184 / 9780321765185 SkyGazer 5.0 Student Access Code Card (Integrated component)

This fully revised and updated text is a comprehensive introduction to astronomical objects and phenomena. By applying some basic physical principles to a variety of situations, students will learn how to relate everyday physics to the astronomical world. Starting with the simplest objects, the text contains explanations of how and why astronomical

phenomena occur, and how astronomers collect and interpret information about stars, galaxies and the solar system. The text looks at the properties of stars, star formation and evolution; neutron stars and black holes; the nature of galaxies; and the structure of the universe. It examines the past, present and future states of the universe; and final chapters use the concepts that have been developed to study the solar system, its formation; the possibility of finding other planetary systems; and the search for extraterrestrial life. This comprehensive text contains useful equations, chapter summaries, worked examples and end-of-chapter problem sets.

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—this is a book that has already prompted the attention and admiration of some of the most prominent scientists and mathematicians.

Alphabetically arranged and followed by an index of terms at the end, this handy reference of literary terms is bound to be of invaluable assistance to any student of English literature.

The Essential Cosmic Perspective, Seventh Edition gives non-science majors a streamlined, cutting edge introduction to astronomy built on a strong tradition of effective pedagogy and coverage. Focus on skill building includes new group work exercises that require active participation, helping you to retain concepts longer and build communication skills. MasteringAstronomy® works with the text to create a learning program that enables you to learn interactively both in and out of the classroom.

NEW YORK TIMES BESTSELLER • Deepak Chopra joins forces with leading physicist Menas Kafatos to explore some of the most important and baffling questions about our place in the world. "A riveting and absolutely fascinating adventure that will blow your mind wide open!" —Dr. Rudolph E. Tanzi What happens when modern science reaches a crucial turning point that challenges everything we know about reality? In this brilliant, timely, and practical work, Chopra and Kafatos tell us that we've reached just such a point. In the coming era, the universe will be completely redefined as a "human universe" radically unlike the cold, empty void where human life is barely a speck in the cosmos. You Are the Universe literally means what it says--each of us is a co-creator of reality extending to the vastest reaches of time and space. This seemingly impossible proposition follows from the current state of science, where outside the public eye, some key mysteries cannot be solved, even though they are the very issues that define reality itself: • What Came Before the Big Bang? • Why Does the Universe Fit Together So Perfectly? • Where Did Time Come From? • What Is the Universe Made Of? • Is the Quantum World Linked to Everyday Life? • Do We Live in a Conscious Universe? • How Did Life First Begin? "The shift into a new paradigm is happening," the authors write. "The answers offered in this book are not our invention or eccentric flights of fancy. All of us live in a participatory universe. Once you decide that you want to participate fully with mind, body, and soul, the paradigm shift becomes personal. The reality you inhabit will be yours either to embrace or to change." What these two great minds offer is a bold, new understanding of who we are and how we can transform the world for the better while reaching our greatest potential.

This revised and expanded popular media workbook is provided at no extra charge on CD-ROM with The Cosmic Perspective Media Update, Fifth Edition and includes a new set of activities based on the library of Interactive Figures and Photos(tm), a set of activities using Voyager: SkyGazer v4.0, and a set of web projects to use in conjunction with the new RSS feeds offered on MasteringAstronomy. These thought-provoking projects are suitable for labs or for homework assignments.

Building on a long tradition of effective pedagogy and comprehensive coverage, The Cosmic Perspective, Seventh Edition provides a thoroughly engaging and up-to-date introduction to astronomy for non-science majors. The text provides a wealth of features that enhance student skill-building, including new group work exercises that engage students in active learning, helping them retain concepts longer and build communication skills for the future. The Seventh Edition has also been fully updated to include the latest astronomical observations, results from recent space missions, and new theoretical developments that inform our understanding of the early universe. This text is also available in two volumes, which can be purchased separately: The Cosmic Perspective: The Solar System, Seventh Edition (includes Chapters 1—13, 24) The Cosmic Perspective: Stars, Galaxies, and Cosmology, Seventh Edition (includes Chapters 1—6, S2—S4, 14—24)

Soon to be a major motion picture starring John Cusack! Mr. Quark is a down-on-his luck pot-smuggler hiding out in the mountains of Colombia with his dog, High Pockets, and a small band of banditos led by the irascible Jose. Only months before, these three and their fearless associates were rolling in millions in cash and high-grade marijuana, eluding prosecution on "ridiculously false" drug and terrorism charges. But times have quickly grown lean, and to liven up their exile, Jose decides to mug a family of American tourists. Among the spoils are physics texts, which launch Mr. Quark on a side-splitting, boisterous adventure north to California, where he confronts the owner of the books with his own theories on relativity, the nature of the universe, and looking for the meaning of life in all the wrong places....

The Encyclopedia of the Solar System, Third Edition—winner of the 2015 PROSE Award in Cosmology & Astronomy from the Association of American Publishers—provides a framework for understanding the origin and evolution of the solar system, historical discoveries, and details about planetary bodies and how they interact—with an astounding breadth of content and breathtaking visual impact. The encyclopedia includes the latest explorations and observations, hundreds of color digital images and illustrations, and over 1,000 pages. It stands alone as the definitive work in this field, and will serve as a modern messenger of scientific discovery and provide a look into the future of our solar system. New additions to the third edition reflect the

latest progress and growth in the field, including past and present space missions to the terrestrial planets, the outer solar systems and space telescopes used to detect extrasolar planets. Winner of the 2015 PROSE Award in Cosmology & Astronomy from the Association of American Publishers Presents 700 full-color digital images and diagrams from current space missions and observatories, bringing to life the content and aiding in the understanding and retention of key concepts. Includes a substantial appendix containing data on planetary missions, fundamental data of relevance for planets and satellites, and a glossary, providing immediately accessible mission data for ease of use in conducting further research or for use in presentations and instruction. Contains an extensive bibliography, providing a guide for deeper studies into broader aspects of the field and serving as an excellent entry point for graduate students aiming to broaden their study of planetary science.

With Astronomy Today, Seventh Edition, trusted authors Eric Chaisson and Steve McMillan communicate their excitement about astronomy and awaken you to the universe around you. The text emphasizes critical thinking and visualization, and it focuses on the process of scientific discovery, making “how we know what we know” an integral part of the text. The revised edition has been thoroughly updated with the latest astronomical discoveries and theories, and it has been streamlined to keep you focused on the essentials and to develop an understanding of the “big picture.” Alternate Versions Astronomy Today, Volume 1: The Solar System, Seventh Edition—Focuses primarily on planetary coverage for a 1-term course. Includes Chapters 1-16, 28. Astronomy Today, Volume 2: Stars and Galaxies, Seventh Edition—Focuses primarily on stars and stellar evolution for a 1-term course. Includes Chapters 1-5 and 16-28.

Do you ever look up to the stars and wonder about what is out there? Over the last few centuries, humans have successfully unraveled much of the language of the universe, exploring and defining formerly mysterious phenomena such as electricity, magnetism, and matter through the beauty of mathematics. But some secrets remain beyond our realm of understanding—and seemingly beyond the very laws and theories we have relied on to make sense of the universe we inhabit. It is clear that the quantum, the world of atoms and electrons, is entwined with the cosmos, a universe of trillions of stars and galaxies...but exactly how these two extremes of human understanding interact remains a mystery. Where Did the Universe Come From? And Other Cosmic Questions allows readers to eavesdrop on a conversation between award-winning physicists Chris Ferrie and Geraint F. Lewis as they examine the universe through the two unifying and yet often contradictory lenses of classical physics and quantum mechanics, tackling questions such as: Where did the universe come from? Why do dying stars rip themselves apart Do black holes last forever? What is left for humans to discover? A brief but fascinating exploration of the vastness of the universe, this book will have armchair physicists turning the pages until their biggest and smallest questions about the cosmos have been answered.

The publication of the King James version of the Bible, translated between 1603 and 1611, coincided with an extraordinary flowering of English literature and is universally acknowledged as the greatest influence on English-language literature in history. Now, world-class literary writers introduce the book of the King James Bible in a series of beautifully designed, small-format volumes. The introducers' passionate, provocative, and personal engagements with the spirituality and the language of the text make the Bible come alive as a stunning work of literature and remind us of its overwhelming contemporary relevance.

Presents a history of the universe, from the Big Bang to the formation of Earth, in the form of a letter written by the thirteen-billion-year-old universe itself to an Earth child.

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