

Chaisson Astronomy Beginners Guide Universe

Astronomy Today Volume 1 AN INTRODUCTION TO ASTROPHYSICS Astronomy + Lecture-Tutorials for Introductory Astronomy Astronomy: A Beginner's Guide to the Universe [With Access Code and EBook] Elementary Cosmology Astronomy A Stargazing Program for Beginners Life in the Universe America's Musical Landscape Customer and Business Analytics 50 Physics Ideas You Really Need to Know Natural Hazards and Disasters Astronomy Sky Gazing Astronomy Astronomy Today Cosmic Dawn Astronomy Today Lecture Tutorials for Introductory Astronomy Foundations of Astronomy, Enhanced The Andromeda Galaxy A Guide to the Universe Astronomy For Dummies Astronomy Relatively Speaking The Cosmos Astronomy For Beginners Cosmic Evolution The Emotionally Absent Mother The Universe Through the Eyes of Hubble The Astronomy Book Stargazing For Dummies Astronomy Today PROJECTIONS Building Java Programs Discover the Stars Astronomy Astronomy Today Volume 2 Understanding the Political World Chemistry and Pharmacology of Naturally Occurring Bioactive Compounds Astronomy 101

Astronomy Today Volume 1

For courses in Introductory Astronomy. Connects introductory astronomy to a broad understanding of the universe In this Ninth Edition of Astronomy Today

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, authors Eric Chaisson and Steve McMillan communicate their excitement about astronomy, combining up-to-date science with insightful pedagogy. The text emphasizes visualization, focusing on the process of scientific discovery in order to teach readers “how we know what we know.” Updated features in the 9th Edition, Big Pictures and Big Questions, help readers connect the content of each chapter with a broader understanding of the universe while piquing interest in current research. New features within Mastering™ Astronomy bring these features together and allow readers to interact with astronomy outside of the classroom. The 9th Edition has also been thoroughly updated and revised to reflect recent discoveries in the field of astronomy. Also available with Mastering Astronomy Mastering™ Astronomy is the leading online homework, tutorial, and assessment system, designed to improve results by engaging students with powerful, interactive content. Instructors ensure students arrive ready to learn by assigning new Interactive pre-lecture videos that give students exposure to key concepts before class and open classroom time for active learning or deeper discussions of topics. With Learning Catalytics™ instructors can expand on key concepts and encourage student engagement during lecture through questions answered individually or in pairs and groups. Students further master concepts through book-specific Mastering Astronomy assignments, which provide hints and answer-specific feedback that build problem-solving skills. Mastering Astronomy now features Virtual Astronomy Labs, providing assignable online laboratory activities that use Stellarium and Interactive Figures. Note: You are

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AN INTRODUCTION TO ASTROPHYSICS

This invaluable book, now in its second edition, covers a wide range of topics appropriate for both undergraduate and postgraduate courses in astrophysics. The book conveys a deep and coherent understanding of the stellar phenomena, and basic astrophysics of stars, galaxies, clusters of galaxies and other heavenly bodies of interest. Since the first appearance of the book in 1997, significant progress has been made in different branches of Astronomy and Astrophysics. The second edition takes into account the developments of the subject which have taken place in the last decade. It discusses the latest introduction of L and T dwarfs in the Hertzsprung-Russel diagram (or H-R diagram). Other developments discussed pertain to standard solar model, solar

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neutrino puzzle, cosmic microwave background radiation, Drake equation, dwarf galaxies, ultra compact dwarf galaxies, compact groups and cluster of galaxies. Problems at the end of each chapter motivate the students to go deeper into the topics. Suggested readings at the end of each chapter have been complemented.

Astronomy + Lecture-Tutorials for Introductory Astronomy

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.

Astronomy: A Beginner's Guide to the Universe [With Access Code and EBook]

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Key Benefit: For one-semester Introduction to Astronomy courses. With *Astronomy: A Beginner's Guide, Sixth Edition*, trusted authors Eric Chaisson and Steve McMillan communicate their excitement about astronomy and awaken readers to the universe around them. Thoroughly updated, the revised edition focuses on the process of scientific discovery and scientific method, making "how we know what we know" a more integral part of the book with attention to clearly and concisely presenting scientific terms to the non-science reader. The authors incorporate three themes in this briefer version of their two textbooks; process of science, the size and scale of the universe as well as the evolution of the universe. *A Beginner's Guide* emphasizes critical thinking and visualization, and is now available with a custom tailored leading-edge technology program. The Sixth Edition features an even greater focus on the process of science, *MasteringAstronomy*,™ and a dedicated myeBook.

Key Topics: Charting the Heavens : The Foundations of Astronomy, The Copernican Revolution: The Birth of Modern Science, Light and Matter: The Inner Workings of the Cosmos, Telescopes: The Tools of Astronomy, The Solar System: Interplanetary Matter and the Birth of the Planets, Earth and Its Moon: Our Cosmic Backyard, The Terrestrial Planets: A Study in Contrasts, The Jovian Planets: Giants of the Solar System, Moons, Rings, and Plutoids: Small Worlds Among Giants, The Sun: Our Parent Star, Measuring the Stars: Giants, Dwarfs, and the Main Sequence, The Interstellar Medium: Star Formation in the Milky Way, Stellar Evolution: The Lives and Deaths of Stars, Neutron Stars and Black Holes: Strange States of

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Matter, The Milky Way Galaxy: A Spiral in Space, Normal and Active Galaxies: Building Blocks of the Universe, Hubble's Law and Dark Matter: The Large-Scale Structure of the Cosmos, Cosmology: The Big Bang and the Fate of the Universe, Life in the Universe: Are We Alone? Market: Intended for those interested in learning the basics of astronomy

Elementary Cosmology

Explore the world of astronomy with key quotes and bold graphics to illustrate over 100 of the universe's biggest ideas. The Astronomy Book is an exciting voyage of discovery through the cosmos. Venture from ancient speculations about the nature of the universe, to the mind-boggling theories of recent science, including those of Albert Einstein and Stephen Hawking. Learn about the incredible histories of Halley's Comet, the Hubble telescope, and NASA's modern-day trailblazing, as well as the discoveries of famous figures including Ptolemy, Isaac Newton, Walter Adams, Carl Sagan, and Alan Stern. The Astronomy Book, part of DK's popular "Big Ideas" series, is the perfect introduction to our ideas about space, time, and the physics of the cosmos.

Astronomy

An exciting introduction to astronomy, using recent discoveries and stunning photography to inspire non-science majors about the Universe and science.

A Stargazing Program for Beginners

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Astronomy For Beginners is a friendly and accessible guide to our universe, our galaxy, our solar system and the planet we call home. Each year as we cruise through space on this tiny blue-green wonder, a number of amazing and remarkable events occur. For example, like clockwork, we'll run head-on into asteroid and cometary debris that spreads shooting stars across our skies. On occasion, we'll get to watch the disk of the Moon passing the Sun, casting its shadow on the face of the Earth, and sometimes we'll get to watch our own shadow as it glides across the face of the Moon. The Sun's path will constantly change across the daytime sky, as will the stars and constellations at night. During this time, we'll also get to watch the other majestic planets in our solar system wander the skies, as they too circle the Sun in this elaborate celestial dance. Astronomy For Beginners will explain this elaborate celestial dance – the patterns of the heavens, the equinoxes and the solstices, the major meteor showers, and the solar and lunar eclipses. In addition, Astronomy For Beginners will also take you on a guided tour of the solar system and beyond. We'll discover how the way we measure time itself is intimately related to celestial phenomena, and we'll furthermore explore our historical and continuing mission to understand our place in this marvelous universe in which we find ourselves. Oh yeah, one more thing: Astronomy For Beginners will not only help you become an expert in space and time – but it also promises to be a pretty fun ride!

Life in the Universe

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For as long as there have been people, men and women have looked up into the night sky and wondered about the nature of the cosmos. Without the benefit of science to provide answers, they relied on myth and superstition to help them make sense of what they saw. Lucky for us, we live at a time when regular folks, equipped with nothing more than their naked eyes, can look up into the night sky and gain admittance to infinite wonders. If you know what to look for, you can make out planets, stars, galaxies, and even galactic clusters comprising hundreds of millions of stars and spanning millions of light-years. Astronomy For Dummies tells you what you need to know to make sense of the world above us. Written by one of the most well-known astronomers in the world, this fun, fact-filled, and accessible guide fills you in on the basic principles of astronomy and tells you how to: Identify planets and stars Explore our solar system, the Milky Way, and beyond Understand the Big Bang, quasars, antimatter, black holes, and more Join the Search for Extraterrestrial Intelligence (SETI) Get the most out of planetarium visits Make more sense out of space missions From asteroids to black holes, quasars to white dwarfs, Astronomy For Dummies takes you on a grand tour of the universe. Featuring star maps, charts, gorgeous full-color photographs, and easy-to-follow explanations it gives you a leg up on the basic science of the universe. Topics covered include: Observing the night sky, with and without optics Selecting binoculars and telescopes and positioning yourself for the best view Meteors, comets, and man-made moons Touring our solar system and becoming familiar with the planets,

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asteroids, and near Earth objects Our Sun, stars, galaxies, black holes and quasars SETI and planets revolving around other suns Dark matter and antimatter The Big Bang and the evolutions of the universe You might think the cosmos is a vast and mysterious place, but Astronomy For Dummies will make it seem as friendly and familiar as your own backyard.

America's Musical Landscape

An introduction to Einstein's theory of relativity for nonscientists, this book takes into consideration many of the interesting possibilities that the theory suggests

Customer and Business Analytics

Sets out a simple month-by-month program to reveal all of the night sky's biggest and most beautiful secrets in just one year – and with only a few hours of stargazing each month By investing just an hour a week and \$50 in binoculars, it's possible to learn a few simple techniques and quickly gain a real insight into the night sky's ever-changing patterns – and what they tell us about Earth, the seasons and ourselves. Searching more for a learned appreciation of nature and our exact place within the cosmos than academic scientific knowledge, science and travel writer Jamie Carter takes the reader on a 12 month tour of the night sky's incredible annual rhythms that say so much about Earth. During the journey he learns about the celestial mechanics at work in the

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skies above that are – to the beginner – almost beyond belief. As well as the vital constellations and clusters, and the weird and wonderful nebulas, he searches out “dark sky destinations” across the globe that help increase knowledge and give a new perspective on familiar night sky sights. On the journey he witnesses a solar eclipse and grapples with star-charts, binoculars, smartphone apps, telescopes, spots satellites and attempts basic astro-photography. By year's end, the reader will be able to glance at the night sky from anywhere on the planet and tell what direction he or she is facing, what time it is, where all the planets are and even where the Galactic Center Point is.

50 Physics Ideas You Really Need to Know

This guide to Astronomy includes coverage of the search for extrasolar planets, a discussion of the accelerating universe, expanded coverage of gamma ray bursts and continuing coverage of the Galileo mission to Jupiter. There are Concept Check discussion questions integrated throughout each chapter, with answers included in the appendix, aimed at aiding self-assessment. These critical-thinking questions test conceptual understanding of the material just presented and help place it in a broader context.

Natural Hazards and Disasters

Funded by the National Science Foundation, Lecture-

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Tutorials for Introductory Astronomy is designed to help make large lecture-format courses more interactive with easy-to-implement student activities that can be integrated into existing course structures. The Second Edition of the Lecture-Tutorials for Introductory Astronomy contains nine new activities that focus on planetary science, system related topics, and the interactions of Light and matter. These new activities have been created using the same rigorous class-test development process that was used for the highly successful first edition. Each of the 38 Lecture-Tutorials, presented in a classroom-ready format, challenges students with a series of carefully designed questions that spark classroom discussion, engage students in critical reasoning, and require no equipment. The Night Sky: Position, Motion, Seasonal Stars, Solar vs. Sidereal Day, Ecliptic, Star Charts. Fundamentals of Astronomy: Kepler's 2nd Law, Kepler's 3rd Law, Newton's Laws and Gravity, Apparent and Absolute Magnitudes of Stars, The Parsec, Parallax and Distance, Spectroscopic Parallax. Nature of Light in Astronomy: The Electromagnetic (EM) Spectrum of Light, Telescopes and Earth's Atmosphere, Luminosity, Temperature and Size, Blackbody Radiation, Types of Spectra, Light and Atoms, Analyzing Spectra, Doppler Shift. Our Solar System: The Cause of Moon Phases, Predicting Moon Phases, Path of Sun, Seasons, Observing Retrograde Motion, Earth's Changing Surface, Temperature and Formation of Our Solar System, Sun Size. Stars Galaxies and Beyond: H-R Diagram, Star Formation and Lifetimes, Binary Stars, The Motion of Extrasolar Planets, Stellar Evolution, Milky Way Scales, Galaxy Classification, Looking at Distant Objects, Expansion

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of the Universe. For all readers interested in astronomy.

Astronomy

For courses in Java Programming Layered, Back-to-Basics Approach to Java Programming Newly revised and updated, this Fourth Edition of Building Java Programs: A Back to Basics Approach uses a layered strategy to introduce Java programming, with the aim of overcoming the difficulty associated with introductory programming textbooks. The authors' proven and class-tested "back to basics" approach introduces programming fundamentals first, with new syntax and concepts added over multiple chapters, and object-oriented programming discussed only once readers have developed a basic understanding of Java programming. Previous editions have established the text's reputation as an excellent choice for thoroughly introducing the basics of computer science, and new material in the Fourth Edition incorporates concepts related to Java 8, functional programming, and image manipulation. Note: You are purchasing a standalone product; MyLab(tm)& Mastering(tm) does not come packaged with this content. Students, if interested in purchasing this title with MyLab & Mastering, 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 MyLab & Mastering, search for: 0134448308 / 9780134448305 Building Java Programs: A Back to Basics Approach plus MyProgrammingLab with Pearson eText -- Access

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Sky Gazing

The sun, moon, stars, and planets have been a source of wonder and fascination for as long as humans have inhabited the earth. In *Sky Gazing*, a highly visual guide to observing the sky with the naked eye, kids aged 9–14 will delve into the science behind what they see, whether they live in a dark rural setting or under the bright lights of the city. Exploring astronomical objects and events, this captivating book takes young readers on a tour of our solar system and deep space beyond, with explanations of how objects like Earth’s moon were formed and the “why” behind phenomena such as eclipses, northern lights, and meteor showers. Curious sky gazers will discover how to find and observe planets — no binoculars or telescopes required! — and star charts will guide them in spotting constellations throughout the seasons and in both hemispheres while they learn about constellation myths from cultures around the world. Activities include tracking the cycles of the sun and moon and observing the sky during daylight hours or on a cloudy night, while astronomer profiles and sidebars on space technology and current issues such as light pollution help ground kids’ discoveries in the ancient and enduring science of studying the sky.

Astronomy

Customer and Business Analytics: Applied Data Mining for Business Decision Making Using R explains and demonstrates, via the accompanying open-source software, how advanced analytical tools can address various business problems. It also gives insight into some of the challenges faced when deploying these tools. Extensively classroom-tested, the text is ideal for students in customer and business analytics or applied data mining as well as professionals in small- to medium-sized organizations. The book offers an intuitive understanding of how different analytics algorithms work. Where necessary, the authors explain the underlying mathematics in an accessible manner. Each technique presented includes a detailed tutorial that enables hands-on experience with real data. The authors also discuss issues often encountered in applied data mining projects and present the CRISP-DM process model as a practical framework for organizing these projects. Showing how data mining can improve the performance of organizations, this book and its R-based software provide the skills and tools needed to successfully develop advanced analytics capabilities.

Astronomy Today

Fascinating, engaging, and extremely visual, this Enhanced Thirteenth Edition of FOUNDATIONS OF ASTRONOMY brings readers up-to-date on the developments and discoveries in the exciting field of astronomy as recent as the summer 2015 New

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Horizons studies of Pluto and its moons. Throughout the book, authors Michael Seeds and Dana Backman emphasize the scientific method as they guide students to answer two fundamental questions: What are we? And how do we know? In every chapter, the book discusses the interplay between evidence and hypothesis, providing both factual information and a conceptual framework for understanding the logic of science. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Cosmic Dawn

Astronomy Today

Feel at home among the stars with this acclaimed astronomy self-teaching guide . . . "A lively, up-to-date account of the basic principles of astronomy and exciting current fields of research."-Science Digest "One of the best ways by which one can be introduced to the wonders of astronomy."-The Strolling Astronomer "Excellent . . . provides stimulating reading and actively involves the reader in astronomy."-The Reflector From stars, planets, and galaxies to the mysteries of black holes, the Big Bang, and the possibility of life on other planets, this new edition of Astronomy: A Self-Teaching Guide brings the fascinating night sky to life for every student and amateur stargazer. With a unique self-teaching format, Astronomy clearly explains the essentials covered in an introductory college-level course.

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Written by an award-winning author, this practical guide offers beginners an easy way to quickly grasp the basic principles of astronomy. To help you further appreciate the wonders of the cosmos, this book also includes: Star and Moon maps that identify objects in the sky Objectives, reviews, and self-tests that monitor your progress Simple activities that help you to test basic principles at your own pace Updated with the latest discoveries, new photographs, and references to the best astronomy Web sites, this newest edition of Astronomy imparts an extraordinary appreciation of the elegant beauty of the universe. Over 2 Million Wiley Self-Teaching Guides in Print

Lecture Tutorials for Introductory Astronomy

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vast cosmos. The Universe at a Glance introduces the structure and nature of the universe while emphasizing both the latest scientific findings and the process of scientific discovery. This new book by trusted authors Eric Chaisson and Steve McMillan reimagines their classic texts in a modularly organized, visual approach to learning. Here, the essential ideas, concepts, and discoveries of contemporary astronomy are presented in 15 chapters, each chapter composed of richly illustrated, two-page spreads designed to visually engage and instruct students. Complete with spectacular graphics and concise, compelling chapters, The Universe at a Glance packs an immense amount of awe-inspiring insights into a brief modular volume. Uniting engaging prose, fascinating details, and easy-to-follow Learning Outcomes, this accessible account of astronomy is flexible and fun, an ideal complement to a dynamic introductory course. The text is integrated with MasteringAstronomy to create an unrivalled learning suite for students and instructors. Also Available with MasteringAstronomy® This title is also available with MasteringAstronomy - 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. 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.

Foundations of Astronomy, Enhanced

Cosmic Dawn describes a highly interdisciplinary tour of billions of years of cosmic history, an epochal saga drawing on every field of modern science — astronomy, physics, chemistry, biology, geology and anthropology — to address the two most fundamental problems of all: the origins of matter and life. Winner of the Phi Beta Kappa Award, the American Institute of Physics Award, and a National Book Award Nomination.

The Andromeda Galaxy A Guide to the Universe

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either the wrong ISBN or a previously redeemed code. Check with the seller prior to purchase. -- 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.” The Eighth Edition has been thoroughly updated with the latest astronomical discoveries and theories and improved pedagogical features. 0321897617 / 9780321897619 Astronomy Today Plus MasteringAstronomy with eText -- Access Card Package Package consists of: 0321901673 / 9780321901675 Astronomy Today 0321909860 / 9780321909862 MasteringAstronomy with Pearson eText -- ValuePack Access Card -- for Astronomy Today

Astronomy For Dummies

Astronomy

Designed with large images and distraction-free layouts to increase the impact of Hubble’s imagery, this book gives the reader a guided tour of the cosmos through the eyes of the Hubble Space Telescope. Before Hubble was launched in 1990, no exoplanet had ever been observed, dark energy was unknown, the age of the universe was a mystery, and the most distant objects observed were just halfway

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back in time to the Big Bang. Hubble has been the centerpiece in a revolution in astronomy, as well as giving the public a visceral connection to the Universe through its stunning images. The images that have been selected here explore key themes in recent astronomy, including planetary science, cosmology and stellar evolution, explaining Hubble's contributions to our understanding of the universe. Hubble's unique images - some never published before - are presented together with a mix of cutting-edge science that highlights the key discoveries of the past few years and how they fit into Hubble's growing list of scientific achievements. It is an unforgettable view of our amazing universe.

Relatively Speaking

The Cosmos

Chaisson addresses some of the most basic issues we can contemplate: the origin of matter and the origin of life, and the ways matter, life, and radiation interact and change with time. He designs for us an expansive yet intricate model depicting the origin and evolution of all material structures.

Astronomy For Beginners

Natural products play crucial roles in modern drug development, and constitute a prolific source of novel lead compounds or pharmacophores for ongoing drug discovery programs. Chemistry and Pharmacology of

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Naturally Occurring Bioactive Compounds presents cutting-edge research in the chemistry of bioactive natural products and demonstrates how natural product research continues to make significant contributions in the discovery and development of new medicinal entities. In 21 chapters, this book highlights chemistry and pharmaceutical potential of natural products in modern drug discovery processes, and covers the synthesis and semi-synthesis of potentially bioactive natural products. Written for phytochemists, synthetic chemists, combinatorial chemists, as well as other practitioners and students in related fields, the book features chemical advances in naturally occurring organic compounds and describes their chemical transformations and structure-activity relationships.

Cosmic Evolution

This package contains the following components:
-0321598768: Astronomy: A Beginner's Guide to the Universe with MasteringAstronomy -0132392267: Lecture Tutorials for Introductory Astronomy

The Emotionally Absent Mother

Was your mother too busy, too tired, or too checked-out to provide you with the nurturing you needed as a child? Men and women who were “undermothered” as children often struggle with intimate relationships, in part because of their unmet need for maternal care. The Emotionally Absent Mother will help you understand what was missing from your childhood,

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how this relates to your mother's own history, and how you can fill the "mother gap" by: Examining the past with compassion for yourself and your mother Finding the child inside of you and learning to mother yourself Opening to the archetype of the Good Mother Allowing friends and loved ones to provide support, guidance, and other elements of good mothering that you missed Through reflections, exercises, and clear explanations, psychotherapist Jasmin Lee Cori helps adult sons and daughters heal the wounds left by mothers who failed to provide the essential ingredients that every child needs. She traces perceived personal "defects" back to mothering deficits, relieving self-blame. And, by teaching today's undermothered adults to cultivate the mothering they missed, she helps them secure a happier future—for themselves and their children.

The Universe Through the Eyes of Hubble

In this, the second volume in an important new series presenting core concepts across a range of critical areas of human knowledge, author Joanne Baker unravels the complexities of 20th-century scientific theory for a general readership. From Hubble's law to the Pauli exclusion principle, and from Schrodinger's cat to Heisenberg's uncertainty principle, she explains ideas at the cutting-edge of scientific enquiry, making them comprehensible and accessible to the layperson.

The Astronomy Book

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Life in the Universe takes non-science majors on a journey through the solar system and beyond, using a rigorous yet accessible introduction to astronomy, biology, and geology to explain natural phenomena and to explore profound scientific questions about astrobiology. The Third Edition has been thoroughly revised to include updated scientific discoveries, new Cosmic Context two-page spreads, and an updated Companion Website. Designed for astrobiology courses but also suitable for introductory astronomy courses, Life in the Universe captures your imagination by exploring fundamental pan-scientific questions: What is life? How did life begin on Earth? What are the most extreme forms of life currently known? Is it reasonable to imagine life beyond Earth? The text motivates you to develop basic reasoning skills and an understanding of the process of science through skillful writing and a wealth of pedagogical features, such as Learning Goals that keep you focused on key concepts. Sidebars provide optional mathematical material for courses that fulfill quantitative requirements.

Stargazing For Dummies

NATURAL HAZARDS AND DISASTERS, 5e provides easy-to-understand coverage of the geological processes that underlie disasters, explores the impact these processes have on humans and vice versa, and analyzes strategies for mitigating these hazards' physical and financial harm. From timely information on recent natural disasters in the United States and around the world to insights on earthquakes

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associated with fracking, this fascinating book provides the up-to-date information you need to analyze potential hazards and take the steps necessary to survive a natural disaster. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Astronomy Today

Reach for the stars Stargazing is the practice of observing the night sky and its contents - from constellations through to planets and galaxies. Stars and other night sky objects can be seen with the naked eye, or seen in greater numbers and in more detail with binoculars or a telescope. Stargazing For Dummies offers you the chance to explore the night sky, providing a detailed guide to the main constellations and also offering advice on viewing other night sky objects such as planets and nebulae. It's a great introduction to a fun new hobby, and even provides a fun way to get the kids outside while doing something educational! Gives you an introduction to looking at the sky with binoculars or a telescope Offers advice on photographing the night sky Without needing to get your head around mind-bending theories, you can take part in some practical physics If you're looking for easy-to-follow guidance on getting to know the night sky, Stargazing For Dummies has you covered.

PROJECTIONS

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Updated in its 11th edition, *Understanding the Political World* offers a comparative perspective on how politics works at the global, national, group, and individual level. Focusing on how fundamental concepts in political science relate to real political events, this bestselling text surveys political behavior, systems, and processes throughout the world and asks students to evaluate and apply this knowledge. Through an engaging writing style, numerous examples, and the instructive use of visuals, *Understanding the Political World* encourages readers to think like political scientists and to critically examine new and enduring political realities and challenges.

Building Java Programs

Explore the curiosities of our galaxy! Too often, textbooks obscure the beauty and wonder of outer space with tedious discourse that even Galileo would oppose. *Astronomy 101* cuts out the boring details and lengthy explanations, and instead, gives you a lesson in astronomy that keeps you engaged as you discover what's hidden beyond our starry sky. From the Big Bang and nebulae to the Milky Way and Sir Isaac Newton, this celestial primer is packed with hundreds of entertaining astronomy facts, charts, and photographs you won't be able to get anywhere else. So whether you're looking to unravel the mystery behind black holes, or just want to learn more about your favorite planets, *Astronomy 101* has all the answers--even the ones you didn't know you were looking for.

Discover the Stars

Astronomy

A guide to constellations, stars, and other celestial objects reveals the mythology surrounding the star groups and the star movement through the sky

Astronomy Today Volume 2

This text addresses the broad range of music in the United States from early periods to today, presenting this rich tapestry of sound in its historical and cultural context. Its reasonable length, readability, and logical organization make the text a useful and attractive means of furthering appreciation of the musical heritage of the United States. Frequent connections to other arts, particularly the visual arts, add to the book's appeal and enhance understanding of core musical concepts. The text also offers an elegant and readable introduction to the fundamentals of music. To order the text packaged with a set of three CDs of recorded examples, at a discounted price, use ISBN 0-07-304387-7.

Understanding the Political World

Chemistry and Pharmacology of Naturally Occurring Bioactive Compounds

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Cosmology is the study of the origin, size, and evolution of the entire universe. Every culture has developed a cosmology, whether it be based on religious, philosophical, or scientific principles. In this book, the evolution of the scientific understanding of the Universe in Western tradition is traced from the early Greek philosophers to the most modern 21st century view. After a brief introduction to the concept of the scientific method, the first part of the book describes the way in which detailed observations of the Universe, first with the naked eye and later with increasingly complex modern instruments, ultimately led to the development of the "Big Bang" theory. The second part of the book traces the evolution of the Big Bang including the very recent observation that the expansion of the Universe is itself accelerating with time.

Astronomy 101

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