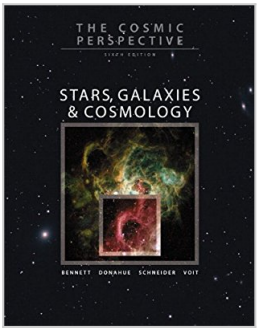

The Cosmic Perspective: Stars, Galaxies, and Cosmology (6th Edition)

By Jeffrey O. Bennett, Megan O. Donahue, Nicholas Schneider, Mark Voit

The Cosmic Perspective: Stars, Galaxies, and Cosmology (6th Edition) By Jeffrey O. Bennett, Megan O. Donahue, Nicholas Schneider, Mark Voit

Building on a long tradition of effective pedagogy and comprehensive coverage, **The Cosmic Perspective: Stars, Galaxies, and Cosmology , Sixth Edition** provides the most engaging and up-to-date introduction to astronomy for non-science majors. The text provides a wealth of features to help enhance student skill building, including new **Visual Skills Check** end-of-chapter questions that provide an opportunity for students to test their visual interpretation skills, new **Cosmic Context Figures** that help students synthesize key concepts and processes, and a new comprehensive **visual overview of scale** to help students explore the scale of time and space. The **Sixth Edition** has also been fully updated to include the latest astronomical observations, research, and theoretical developments. The text is supported by the most robust package of instructor ancillaries, and **MasteringAstronomy** ™ , the market-leading online tutorial and homework system, has been updated to include a wealth of new content to help students learn and review more efficiently outside of class.

This Volume includes Chapters 1-6, S2-S4, and 14-24 of the main text.

The Cosmic Perspective: Stars, Galaxies, and Cosmology (6th Edition)

By Jeffrey O. Bennett, Megan O. Donahue, Nicholas Schneider, Mark Voit

The Cosmic Perspective: Stars, Galaxies, and Cosmology (6th Edition) By Jeffrey O. Bennett, Megan O. Donahue, Nicholas Schneider, Mark Voit

Building on a long tradition of effective pedagogy and comprehensive coverage, **The Cosmic Perspective: Stars, Galaxies, and Cosmology , Sixth Edition** provides the most engaging and up-to-date introduction to astronomy for non-science majors. The text provides a wealth of features to help enhance student skill building, including new **Visual Skills Check** end-of-chapter questions that provide an opportunity for students to test their visual interpretation skills, new **Cosmic Context Figures** that help students synthesize key concepts and processes, and a new comprehensive **visual overview of scale** to help students explore the scale of time and space. The **Sixth Edition** has also been fully updated to include the latest astronomical observations, research, and theoretical developments. The text is supported by the most robust package of instructor ancillaries, and **MasteringAstronomy** ™ , the market-leading online tutorial and homework system, has been updated to include a wealth of new content to help students learn and review more efficiently outside of class.

This Volume includes Chapters 1-6, S2-S4, and 14-24 of the main text.

The Cosmic Perspective: Stars, Galaxies, and Cosmology (6th Edition) By Jeffrey O. Bennett, Megan O. Donahue, Nicholas Schneider, Mark Voit Bibliography

- Sales Rank: #617581 in Books
- Published on: 2009-12-26
- Format: AC-3
- Original language: English
- Number of items: 1
- Dimensions: 10.70" h x 1.00" w x 8.50" l, 2.55 pounds
- Binding: Paperback
- 624 pages

Editorial Review

About the Author

Jeffrey Bennett
Jeffrey Bennett holds a B.A. (1981) in biophysics from the University of California, San Diego, and an M.S. and Ph.D.(1987) in astrophysics from the University of Colorado, Boulder. He has taught at every level from preschool through graduate school, including more than 50 college classes in astronomy, physics, mathematics, and education. He served 2 years as a visiting senior scientist at NASA headquarters, where he created NASA's "IDEAS" program, started a program to fly teachers aboard NASA's airborne bservatories (including the hopefully soon-to-be-flying SOFIA), and worked on numerous educational programs for the Hubble Space Telescope and other space science missions. He also proposed the idea for and helped develop
both the Colorado Scale Model Solar System on the CU-Boulder campus and the VoyageScale Model Solar System on the National Mall in Washington, D.C. (He is pictured here with the model Sun.) In addition to this astronomy textbook, he has written college-level textbooks in astrobiology, mathematics, and statistics; two books for the general public, On the Cosmic Horizon (Pearson Addison-Wesley, 2001) and Beyond UFOs (Princeton University Press, 2008); and an award-winning series of children's books that includes Max Goes to the Moon, Max Goes toMars, Max Goes to Jupiter (coming soon), and Max's Ice Age Adventure. When not working, he enjoys participating in masters swimming and in the daily adventures of life with his wife, Lisa; his children, Grant and Brooke; and his dog, Cosmo. His personal Website is www.jeffreybennett.com < http://www.jeffreybennett.com/ > .

Megan Donahue
Megan Donahue is a professor in the Department of Physics and Astronomy at Michigan State University. Her current research is mainly on clusters of galaxies: their contents-dark matter, hot gas, galaxies, active galactic nuclei-and what they reveal about the contents of the universe and how galaxies form and evolve. She grew up on a farm in Nebraska and received a B.A. in physics from MIT, where she began her research career as an X-ray astronomer. She has a Ph.D. in astrophysics from the University of Colorado, for a thesis on theory and optical observations of intergalactic and intracluster gas. That thesis won the 1993 Trumpler Award from the Astronomical Society for the Pacific for an outstanding astrophysics doctoral dissertation in North America. She continued postdoctoral research in optical and X-ray observations as a Carnegie Fellow at Carnegie Observatories in Pasadena, California, and later as an STScI Institute Fellow at Space Telescope. Megan was a staff astronomer at the Space Telescope Science Institute until 2003, when she joined the MSU faculty. Megan is married to Mark Voit, and they collaborate on many projects, including this textbook and the raising of their children,Michaela, Sebastian, and Angela. Between the births of Sebastian and Angela, Megan qualified for and ran the Boston Marathon. These days,Megan runs, orienteers, and plays piano and bass guitar whenever her children allow it.

Nicholas Schneider
Nicholas Schneider is an associate professor in the Department of Astrophysical and Planetary Sciences at the University
of Colorado and a researcher in the Laboratory for Atmospheric and Space Physics. He received his B.A. in physics and astronomy from Dartmouth College in 1979 and his Ph.D. in planetary science from the University of Arizona in 1988. In 1991, he received the National Science Foundation's Presidential Young Investigator Award. His research interests include planetary atmospheres and planetary astronomy, with a focus on the odd case of Jupiter's moon Io. He enjoys teaching at all levels and is active in efforts to improve undergraduate astronomy education. Off the job, he enjoys exploring the outdoors with his family

and figuring out how things work.

Mark Voit
Mark Voit is a professor in the Department of Physics and Astronomy at Michigan State University. He earned his B.A. in astrophysical sciences at Princeton University and his Ph.D. in astrophysics at the University of Colorado in 1990. He continued his studies at the California Institute of Technology, where he was a research fellow in theoretical astrophysics, and then moved on to Johns Hopkins University as a Hubble Fellow. Before going to Michigan State,Mark worked in the Office of Public Outreach at the Space Telescope, where he developed museum exhibitions about the Hubble Space Telescope and was the scientist behind NASA's HubbleSite. His research interests range from interstellar processes in our own galaxy to the clustering of galaxies in the early universe. He is married to coauthor Megan Donahue, and they try to play outdoors with their three children whenever possible, enjoying hiking, camping, running, and orienteering.Mark is also author of the popular book Hubble Space Telescope: New Views of the Universe.

Users Review

From reader reviews:

Johanna Garrett:

Reading a guide can be one of a lot of task that everyone in the world loves. Do you like reading book therefore. There are a lot of reasons why people love it. First reading a publication will give you a lot of new details. When you read a reserve you will get new information due to the fact book is one of many ways to share the information or their idea. Second, reading a book will make an individual more imaginative. When you reading a book especially fictional works book the author will bring you to definitely imagine the story how the character types do it anything. Third, you are able to share your knowledge to other people. When you read this The Cosmic Perspective: Stars, Galaxies, and Cosmology (6th Edition), it is possible to tells your family, friends and soon about yours publication. Your knowledge can inspire different ones, make them reading a publication.

Connie Pauls:

Reading can called mind hangout, why? Because when you find yourself reading a book specifically book entitled The Cosmic Perspective: Stars, Galaxies, and Cosmology (6th Edition) your mind will drift away trough every dimension, wandering in every aspect that maybe unfamiliar for but surely might be your mind friends. Imaging each word written in a guide then become one application form conclusion and explanation this maybe you never get prior to. The The Cosmic Perspective: Stars, Galaxies, and Cosmology (6th Edition) giving you one more experience more than blown away your head but also giving you useful data for your better life in this era. So now let us explain to you the relaxing pattern here is your body and mind will probably be pleased when you are finished reading through it, like winning a casino game. Do you want to try this extraordinary investing spare time activity?

Victor Havens:

In this period of time globalization it is important to someone to find information. The information will make you to definitely understand the condition of the world. The healthiness of the world makes the information easier to share. You can find a lot of references to get information example: internet, newspaper, book, and soon. You can view that now, a lot of publisher that print many kinds of book. The book that recommended to you personally is The Cosmic Perspective: Stars, Galaxies, and Cosmology (6th Edition) this reserve

consist a lot of the information in the condition of this world now. That book was represented how does the world has grown up. The vocabulary styles that writer use to explain it is easy to understand. The particular writer made some exploration when he makes this book. Honestly, that is why this book ideal all of you.

John Stewart:

Reading a book make you to get more knowledge from the jawhorse. You can take knowledge and information originating from a book. Book is prepared or printed or illustrated from each source in which filled update of news. In this particular modern era like now, many ways to get information are available for you actually. From media social like newspaper, magazines, science reserve, encyclopedia, reference book, novel and comic. You can add your understanding by that book. Are you ready to spend your spare time to open your book? Or just trying to find the The Cosmic Perspective: Stars, Galaxies, and Cosmology (6th Edition) when you desired it?

Read The Cosmic Perspective: Stars, Galaxies, and Cosmology (6th Edition) By Jeffrey O. Bennett, Megan O. Donahue, Nicholas Schneider, Mark Voit for online ebook

The Cosmic Perspective: Stars, Galaxies, and Cosmology (6th Edition) By Jeffrey O. Bennett, Megan O. Donahue, Nicholas Schneider, Mark Voit Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read The Cosmic Perspective: Stars, Galaxies, and Cosmology (6th Edition) By Jeffrey O. Bennett, Megan O. Donahue, Nicholas Schneider, Mark Voit books to read online.

Online The Cosmic Perspective: Stars, Galaxies, and Cosmology (6th Edition) By Jeffrey O. Bennett, Megan O. Donahue, Nicholas Schneider, Mark Voit ebook PDF download

The Cosmic Perspective: Stars, Galaxies, and Cosmology (6th Edition) By Jeffrey O. Bennett, Megan O. Donahue, Nicholas Schneider, Mark Voit Doc

The Cosmic Perspective: Stars, Galaxies, and Cosmology (6th Edition) By Jeffrey O. Bennett, Megan O. Donahue, Nicholas Schneider, Mark Voit Mobipocket

The Cosmic Perspective: Stars, Galaxies, and Cosmology (6th Edition) By Jeffrey O. Bennett, Megan O. Donahue, Nicholas Schneider, Mark Voit EPub