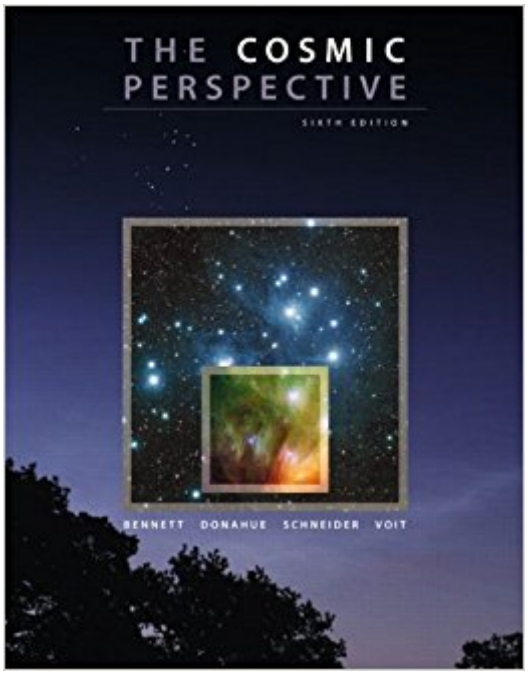
The Cosmic Perspective, 6th Edition



Synopsis

Building on a long tradition ofÃ Â effective pedagogy and comprehensive coverage, The Cosmic Perspective , 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. Ã Â Two volumes of this text are also available: The Cosmic Perspective: The Solar System, Sixth Edition (includes Chapters 1-13, 24) The Cosmic Perspective: Stars, Galaxies, and Cosmology, Sixth Edition (includes Chapters 1-6,Ã Â S2-S4, 14-24)

Book Information

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Customer Reviews

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/ > . Ã Â 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. Ã Â 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. Ã Â 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. --This text refers to an out of print or unavailable edition of this title.

The book is fine, however, the access code did not match the class ID code so had to buy another digital copy for another $93. The book companies and school sure do have a good racket going on....

I was actually pretty surprised that out of all the textbooks I ordered this semester, this one was the most understandable. I’m sure that this is just an overview of what are incredibly complicated theories, but the writing isn’t TOO boring and actually explains astronomy in a way that makes sense.Be careful ordering, though - there are what seems like a billion different editions of this book in addition to a textbook called "The Cosmic Perspective" (no essential) and many places will get ISBN numbers confused, so double check your syllabus to make sure the title matches. Additionally, do NOT depend on the access code enclosed to actually match whatever your online lab is; I wound up having to order one separately because they were not the same.

This book was everything I needed for my astronomy class, it has such a huge source of vocabulary and helped so much on the online course we had to take my class. It was a little disappointing that some people got an access code with their books and other didn’t, including me but it was a great

book to use.

I am extremely unsatisfied with my rental of this book. It arrived in marginally passable condition but without the access code it was listed as having. I then had to log into the pearson sight and purchase the access code. It would have been cheaper if I had just rented through the book store on campus and I could have ensured that I was receiving the materials I needed. Debating returning the book and just using the etext copy that the pearson subscription comes with.

Great condition there were only a couple pages with bends in them. I took a star off because the listing is technically wrong. This is not a paper back, it was a binder (loose leaf) edition. Other than that, very satisfied!

Ordered the product as new and from . Unlike others, my access code worked fine and the book arrived in an unused condition. However, I purchased the book and not just the access code because I like reading from a textbook and being able to mark it, especially when the material gets complicated. Now that I am entering finals time and reading the last chapters I have discovered that about 200 pages (Skips from Chapter 14 to Chapter 24) are missing from the book.

A great astronomy textbook that strikes a wonderful balance between complexity and being understandable. Excellent and challenging post chapter questions. I am truly impressed with all chapters and the two chapters on Special Relativity are very clear and really enjoyable. The Mathematical Insights spread through out the book are great reviews and well explained.

I purchased this for a college class. It is a good textbook. It has great illustrations that are very helpful. It is well-written. I love that it has online aspects that go with it, so that the activities and the book really go together. Some of the organization of the chapters and sections seems a little goofy, but overall I think this is a good book.

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