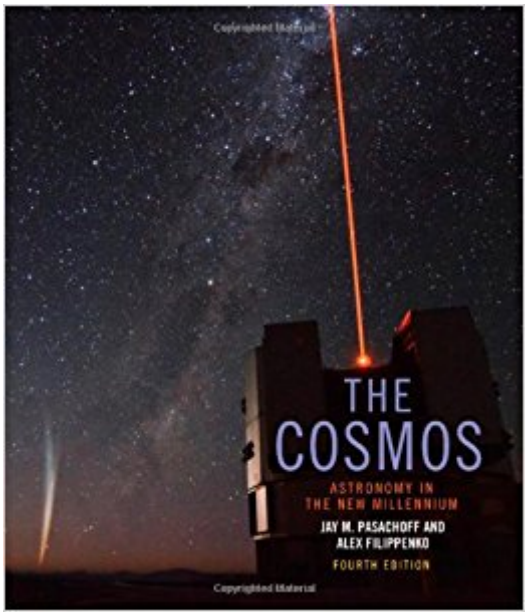
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The Cosmos: Astronomy In The New Millennium



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Synopsis

An exciting introduction to astronomy, the fourth edition of this book uses recent discoveries and stunning photography to inspire non-science majors about the universe and science. Written by two highly experienced and engaging instructors, each chapter has been fully updated, with more than 200 new images throughout, including recent images from space missions and the world's best observatories. Redesigned, streamlined pages highlight the breathtaking imagery. The text is organized as a series of stories, each presenting the history of the field, the observations made and how they fit within the process of science, our current understanding, and what future observations are planned. Math is provided in boxes and easily read around, making the book suitable for courses taking either mathematical or qualitative approaches. New discussion questions encourage students to think widely about astronomy and the role science plays in our everyday lives and podcasts for each chapter aid studying and comprehension.

Book Information

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Customer Reviews

''An excellent introduction to the subject, both comprehensive and up-to-date. The authors convey a clear and enthusiastic pedagogic presentation of an exciting field. As a textbook, it will be of great benefit to students, providing a valuable starting point to learn about the subject. Its presentation and style will hold the reader's attention, at the level appropriate for an introductory course. It is my preferred text of this type, as it stands out for its continued excellence over time.'' Dr. Roger Kadala, Hawaii Pacific University"...the work of two great astronomers and top teachers... clear and concise. This is the text I would use for my introductory astronomy course" Professor Arun Venkatachar,

Ohio University"This is an extraordinarily attractive, captivating, and easy to follow textbook of modern astronomy. I will happily continue to use it in teaching my course.'' Professor Alex Wolszczan, Penn State University"... this is a great book as a scientific yet accessible introduction to astronomy, and likewise as a collection of interesting and beautiful figures and images which are interesting and fun to look at, even without much reading. The paper and the print are of very high quality ... It can be recommended to a broad readership with a general interest in astronomy, also as an accompanying book for related undergraduate courses." Manuel Vogel, Contemporary Physics

An exciting introduction to astronomy, the fourth edition of this book uses recent discoveries and stunning photography to inspire non-science majors about the universe and science. Written by two highly experienced and engaging instructors, each chapter has been fully updated, with more than 200 new images throughout, including recent images from space missions and the world's best observatories.

It's difficult to condense so much information into just six-hundred pages. It's even more difficult to make such a text accessible, but Pasachoff and Filippenko have done just that.A grand mix of science and history, augmented by easy-to-understand diagrams and self-study sections, this is a remarkably complete survey of the great and most pertinent developments in modern astronomy. It's an even better guide for especially curious students, as the text provides great direction for further reading.The first sections on the nature of science and pseudo-science should be required reading for everyone.Absolutely recommended for students and citizen-scientists alike.

Great testbook... even the older editions are nice, but having a newer edition has different content. In some cases I liked the presentation in an older edition better (black and white vs too much color). Sometimes simple is best, as in some of the older black and white illustrations. Nevertheless, the pictures are great and the newer material is essential.

wonderful review of astronomy.extremely well presented.clear and updated with latest findings,clear drawings, multiple photos and illustration.makes studying and reading it a pleasant intellectual experience

The content is fine. Jay Pasachoff knows his field. This book contains hours of enjoyable reading

and learning.One problem. For the size and weight of this book it really should be a hardcover.

Outstanding astronomy textbook, well organized and presented! Does an excellent job of explaining concepts, findings and observed phenomena in a visually great learning environment. Kudos to Dr Pasachoff and Dr Filippenko for a great job! Astronomy students and the general public are all the better for it.

I am using this book for reference in a class that I am taking on the Universe so, of course, have not read it. It is a beautifully illustrated book and have found it very useful for my class. Rather expensive but I guess all textbooks have become expensive. I would recommend this book to anyone who is very interested in astronomy.

The book is beautiful, anybody wanting a full understanding of Astronomy this is the one. From what I understand this is College level text.

good condition, and a good resource.

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