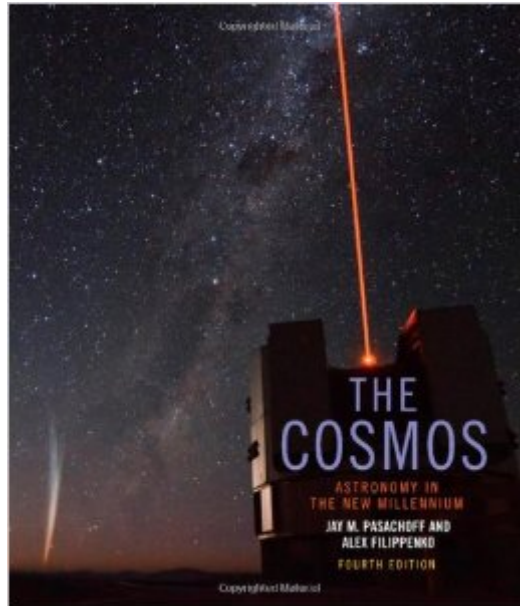


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The Cosmos: Astronomy In The New Millennium



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

I bought this Book to use in conjunction with Professor Alex Filippenko's Great Courses "Understanding the Universe, An Introduction to Astronomy", It is a great teaching and reference work. I highly recommend it, as well as the lecture series for anyone interested in Astronomy!"Understanding the Universe" consists of 96 lectures on 16 CD's. Probably the best course I have ever taken.The book is co-authored by Prof. Filippenko, who is a wonderful lecturer and teacher!Tom Stifler

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.

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

This is a very good book, but I found some of the explanations to be a little difficult to understand. The book is a very good overview of the subject. They sometimes gave you facts, and I would like to know how scientists know the facts. Sometimes they told you facts and did not tell you how the scientists knew, and I would have liked them to do that for most information.

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.

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.

Book out of date. Harder to understand space, but my professor wanted us to use this edition since it's cheaper. But, this book is so boring. Very long and not interesting. I get confused, but I guess it's my fault, since I'm not into space. This book is very confusing about explaining certain things though.

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