图书基本信息

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内容概要

The night skies and astronomical bodies have been a source of wonder and peculation since the development of the earliest civilizations. The Sun, with its life-giving energy, was deified, its daily journey across the skies imbued with religious significance. The Ancient Egyptians were the first to calculate the length of the solar year, adding five days to their original 360-day calendar, a margin of error of just six hours. Where myth and mysticism led, scientific discovery quickly followed. Five thousand years on, our knowledge of the solarsystem and what lies beyond may be considerable, yet the sense of awe is hardly less than that experienced by the earliest observers. This book takes us on a journey of discovery, from a detailed study of the planets in our solar system to the far-distant galaxies and outermost reaches of the universe. All the spectacular cosmic phenomena are featured, including comets, asteroids, meteors, and nebulae. Some may be less familiar, such as quasars, emote galaxies whose extraordinary luminosity and energy make our Sun appear like a 40-watt bulb in an unlit cathedral; dark matter, which forms some 90 percent of the universe even though it cannot be detected directly; and black holes, superdensematter with a gravitational pull so strong that not even light can escape. The canvas of space and time is vast: 15 billion years since the Big Bang, when the entire universe occupied the space of a sub-atomic particle; 4.5 billion years since a cloud of gas and dust collapsed to form the star which sustains life on Earth. To study an object in deep space is to see hundreds of millions of years into the past, such are the mind-boggling distances that light has to travel. Whether you're an inveterate star-gazer or a new student of astronomy, this avishly illustrated book will enhance your knowledge and understanding of the universe. It includes the most recent images from the Hubble telescope and Cassini probe, and thus provides an authoritative but accessible overview of the latest exciting developments in space research.

书籍目录

INTRODUCTIONEARLY ASTRONOMYTHE COPERNICANREVOLUTIONTHE SPACE AGETHE SOLAR SYSTEMTHE SUNME RCU

RYVENUSEARTHMOONMARSJUPITERSATURNURANUSNEPTUNEPLUTO AND THEKUIPER BELTASTEROIDS, METEORSCOMETSSTARSCONSTELLATIONSNEBULAETHE MILKY WAYGALAX I E STHE UNIVERSEAPPENDICESINDEXACKNOWLEDGEMENTS

精彩短评

- 1、是大16开的,虽然是英语的,出版社也是外国的,但书是在中国印刷的,美中不足。纸张很厚,精装,就是文字不是很多,图片很多
- 2、精美的图片,精良的印刷,加上令人惊喜的价格,还需要说什么?虽然此类图片已经看过不少, 但依然值得收藏。
- 3、非常好的天文书!!图片很清晰,内容很全面,虽然没有看完,但是对物理有兴趣的人一定要收啊!!而且相对英文版的价格也不是很贵,再说书很大都是铜板纸的!很很好那。而且国内如果相同的内容的书也要比这个贵呢!
- 4、算是物有所值......

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