

The Universe in a Mirror



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The Hubble Space Telescope has produced the most stunning images of the cosmos humanity has ever seen. It has transformed our understanding of the universe around us, revealing new information about its age and evolution, the life cycle of stars, and the very existence of black holes, among other startling discoveries. "The Universe in a Mirror" tells the story of this telescope and the visionaries responsible for its extraordinary accomplishments. Robert Zimmerman takes readers behind the scenes of one of the most ambitious scientific instruments ever sent into space. After World War II, astronomer Lyman Spitzer and a handful of scientists waged a fifty-year struggle to build the first space telescope capable of seeing beyond Earth's atmospheric veil. Zimmerman shows how many of the telescope's advocates sacrificed careers and family to get it launched, and how others devoted their lives to Hubble only to have their hopes and reputations shattered when its mirror was found to be flawed. This is the story of an idea that would not die - and of the dauntless human spirit. Illustrated with striking color images, "The Universe in a Mirror" describes the heated battles between scientists and bureaucrats, the perseverance of astronauts to repair and

maintain the telescope, and much more. Hubble, and the men and women behind it, opened a rare window onto the universe, dazzling humanity with sights never before seen. This book tells their remarkable story.

作者介绍:

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标签

科学

传记

评论

非常有趣的书。特别触动的一点是美国人在卫星都还没成功上天的时候就已经开始考虑到底是建一个地基望远镜还是建一个轨道望远镜了。

对于哈勃望远镜的历史讲述的非常详细 从上个世纪三十年代开始
讲述到了望远镜的发射以及哈勃的问题如何发现和被解决

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书评

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