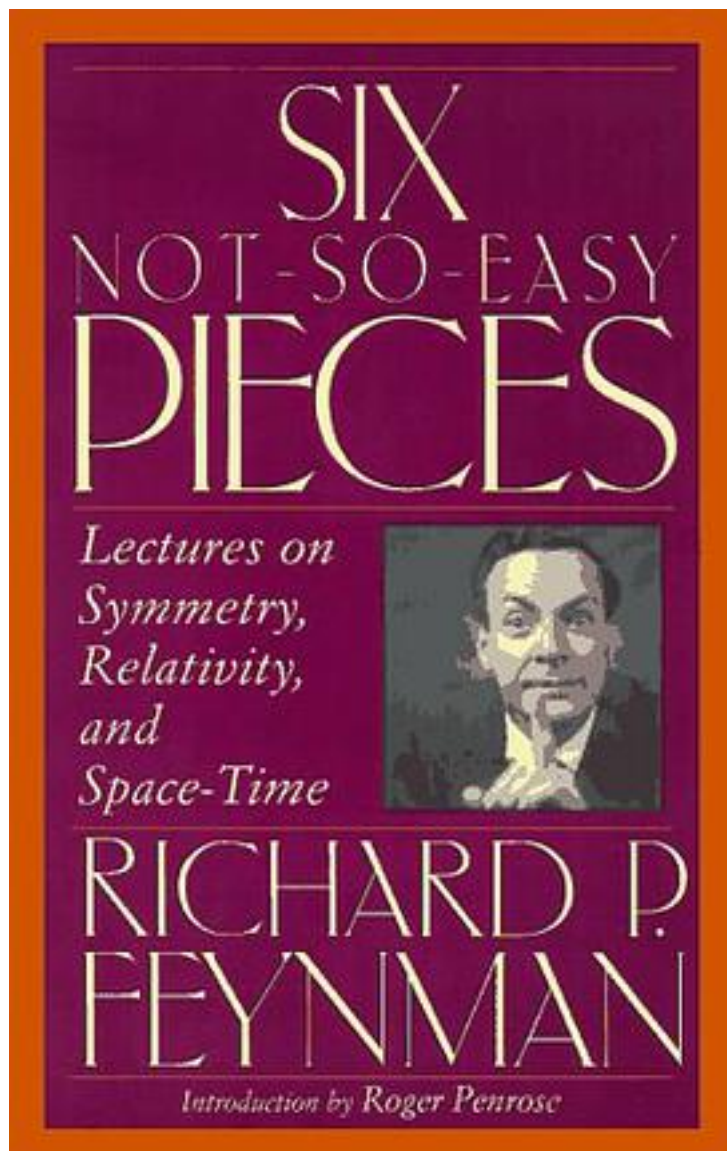


Six Not-So-Easy Pieces



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著者:Richard P. Feynman

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No twentieth-century American scientist is better known to a wider spectrum of people than Richard P. Feynman (1918–1988)—physicist, teacher, author, and cultural icon. His autobiographies and biographies have been read and enjoyed by millions of readers around the world, while his wit and eccentricities have made him the subject of TV specials and even a theatrical film. The spectacular reception of the book and audio versions of Feynman’s Six Easy Pieces (published in 1995) resulted in a worldwide clamor for “More Feynman! More Feynman!” The outcome is these six additional lectures, drawn from the celebrated three-volume Lectures on Physics. Though slightly more challenging than the first six, these lectures are more focused, delving into the most revolutionary discovery in twentieth-century physics: Einstein’s Theory of Relativity. No single breakthrough in twentieth-century physics (with the possible exception of quantum mechanics) changed our view of the world more than that of Einstein’s discovery of relativity. The notions that the flow of time is not a constant, that the mass of an object depends on its velocity, and that the speed of light is a constant no matter what the motion of the observer, at first seemed shocking to scientists and laymen alike. But, as Feynman shows so clearly and so entertainingly in the lectures chosen for this volume, these crazy notions are no mere dry principles of physics, but are things of beauty and elegance. No one—not even Einstein himself—explained these difficult, anti-intuitive concepts more clearly, or with more verve and gusto, than Richard Feynman.

作者介绍:

Richard P. Feynman was raised in Far Rockaway, New York, and received his Ph.D. from Princeton. He held professorships at both Cornell and the California Institute of Technology. In 1965 he received the Nobel Prize for his work on quantum electrodynamics. He died in 1988.

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标签

评论

书评

这本书很棒，我是学工程的，但不是物理专业的。很小就看了三联版的《别闹了，费曼先生》，为他不拘一格、特立独行的为人，&字里行间流露的真正的科学精神打动。现在看他的这一本讲相对论的书，感觉真正的科学家是凭直觉开路，摸索前进的，建立完整、前后统一的数学体...

某一天，我的一个研究生同学，曾经跟我说，她想到了比光速还快的办法。
“我只要站在一台向前运动的扶梯上，然后打开手电筒，那么手电筒发射出的光的速度再加上扶梯向前的速度，就肯定比光还快了。”
我个人觉得她的观点肯定是错的，但当时我也不知道她到底错在哪里了。现在读...

不只是这本书，费曼所有的在非物理学高深理论的书，都是值得读的，值得好好读。尤其是他的自传、费曼物理学讲义。
费曼是史无前例，空前绝后的。鄙人才疏学浅，没有读过其他的外文书，只能把他与中国的学者相比较。中国人，没有一个，我说的是，没有一个，能够像...

“当我们观察一个物体时，有一个显而易见的性质，可称之为‘视宽度’，还有一个性质，可以称之为‘深度’。但是，宽度和深度这两个概念并不是物体的基本性质，因为，如果我们走到一旁，从一个不同的角度观察同一个物体，就会得到不同的宽度和不同的深度，而且，我们可以导出一...