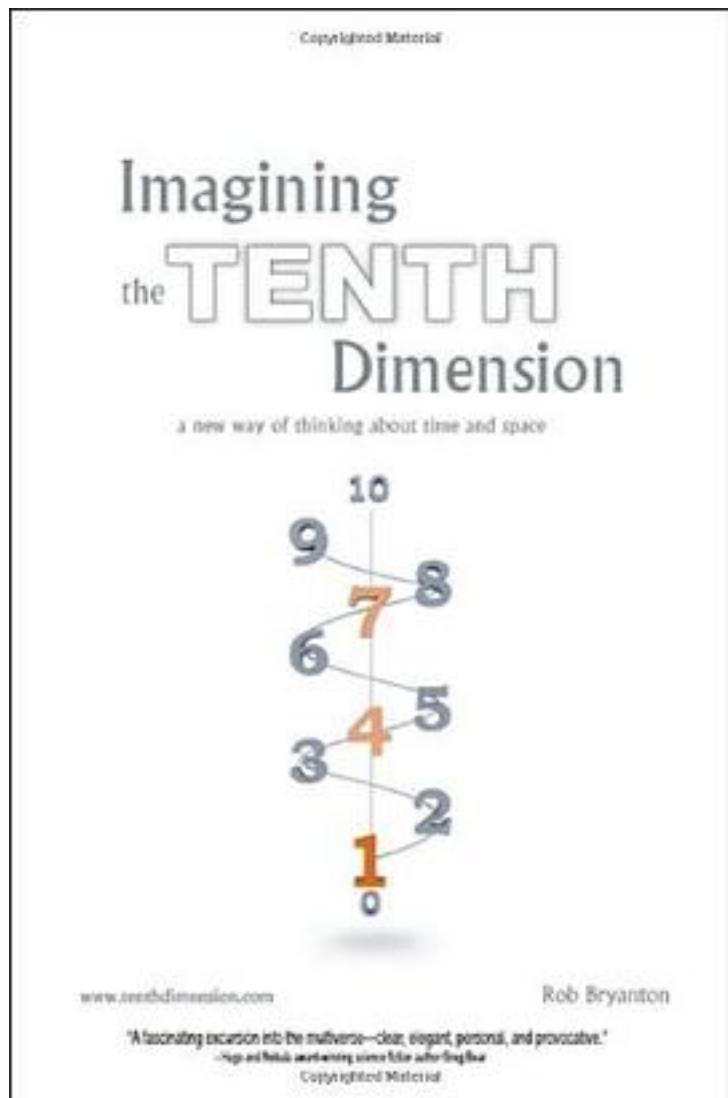


Imagining the Tenth Dimension



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著者: Bryanton, Rob

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Reality, today's physicists tell us, is created by the vibrations of exquisitely tiny superstrings in ten spatial dimensions. Ten dimensions? Most of us have barely gotten used to the idea that there are four. Using simple geometry and an easygoing writing style, author Rob Bryanton starts with the lower dimensions that we are all familiar with, then uses those concepts to build one layer upon another, ultimately arriving at a way of imagining the tenth dimension. Part scientific exploration, part philosophy, this unique book touches upon such diverse topics as dark matter, Feynman's "sum over paths," the quantum observer, and the soul. It is aimed at anyone interested in leading-edge theories about cosmology and the nature of reality, but it is not about mainstream physics. Rather, *Imagining the Tenth Dimension* is a mind-expanding exercise that could change the way you view this incredible universe in which we live.

作者介绍:

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标签

弦理论

科普

宇宙

科学

影响的物理科学

哲学

universe

超弦

评论

有点像物理爱好者给普通人写的关于宇宙物理的入门解读。从如何想象每一维空间到最上层的弦论，外加一些我们都可能有的联想。作为一种对想象力的锻炼还是挺有趣的阅读体验。

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书评

弦理论 (String Theory) 显示我们生活的世界有 11 个次元 (零次元到十次元) ，而宇宙中发生的一切都是受到第十次元中振动的超弦的影响而发生的。

第十次元？振动？弦？一想到这种概念，脑袋里自动产生的想象，似乎是在一个完全黑的空间里，有一堆小蚯蚓在扭动。这个由名为「Im...

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