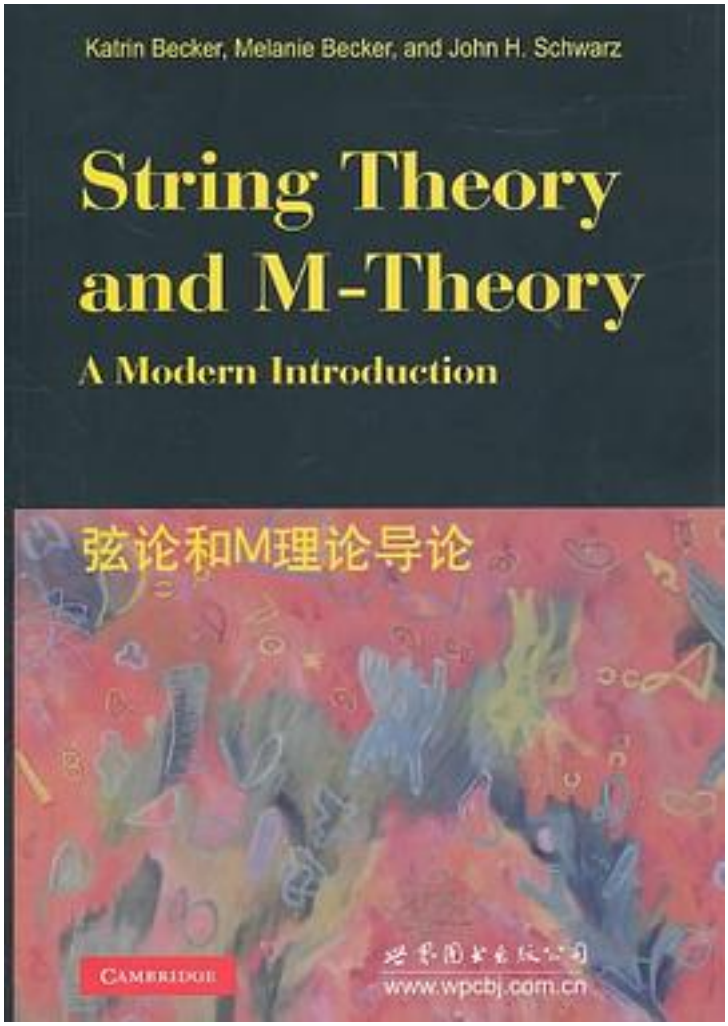
弦论和M理论导论



弦论和M理论导论_下载链接1_

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《弦论和M理论导论(英文版)》内容简介：String theory is one of the most exciting and

challenging areas of moderntheoretical physics. It was developed in the late 1960s for the purpose of de- scribing the strong nuclear force. Problems were encountered that prevented this program from attaining complete success. In particular, it was realized that the spectrum of a fundamental string contains an undesired massless spimtwo particle. Quantum chromodynamics eventually proved to be the correct theory for describing the strong force and the properties of hadrons. New doors opened for string theory when in 1974 it was proposed to identify the massless spin-two particle in the string's spectrum with the graviton, the quantum of gravitation. String theory became then the most promising can didate for a quantum theory of gravity unified with the other forces and has developed into one of the most fascinating theories of high-energy physics.

作者介绍:

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标签

弦论

物理

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评论

弦论的第二代模型：

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书评

今天把加到了豆瓣上，顺便看了一下想读、在读和读过这本书人的豆瓣。发现大概只有一半是学物理的，剩下一半大抵想对弦论有科普层次的了解。这本书不适合做科普读物，甚至对学物理专业的研究生也不算简单。虽然这是一本不错的弦论教材，特别是给...

前8章写的不错， 第9章我以前看过arxiv 9702155，如果没看过估计也够呛
第10章，我看的就有点晕了， 相关的techinic不熟， 后来Katrin Becker的一个学生给我讲了idea, 才知道 那段在写什么。

Polchinski's book also have exercises but most of them are a bit difficult. this one is suitable, and it contains exercise with answers. a necessary one.

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