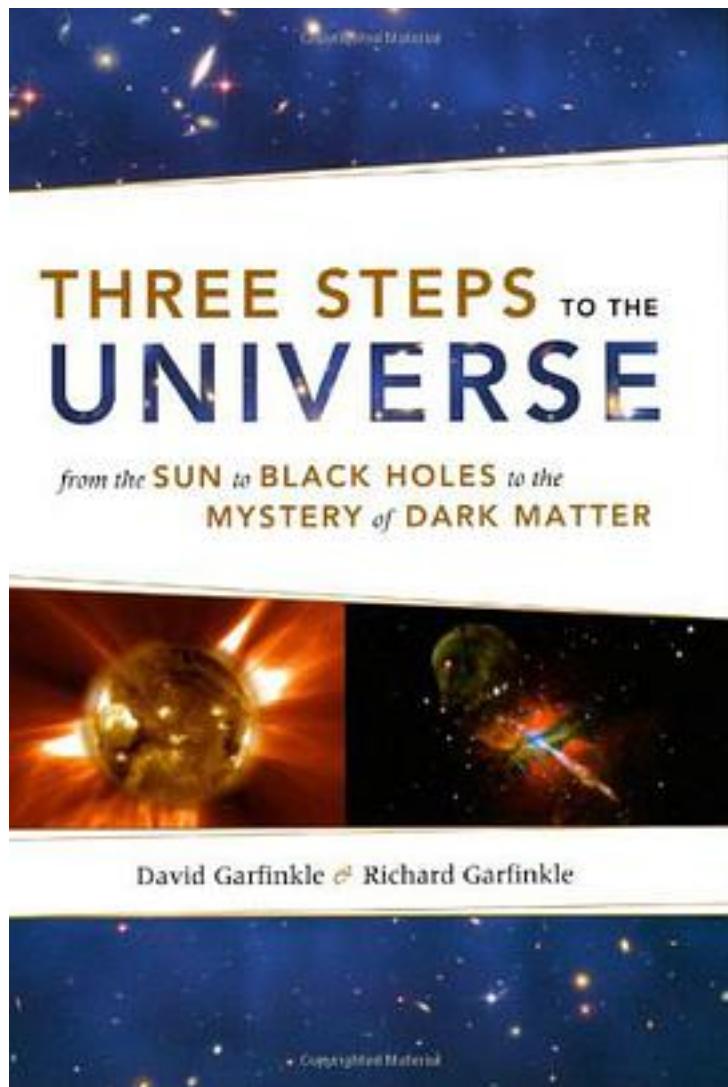


# Three Steps to the Universe



[Three Steps to the Universe 下载链接1](#)

著者:Garfinkle, David/ Garfinkle, Richard

出版者:University of Chicago Press

出版时间:2008-11

装帧:Hardcover

isbn:9780226283463

If scientists can't touch the Sun, how do they know what it's made of? And if we can't see black holes, how can we be confident they exist? Gravitational physicist David Garfinkle and his brother, science fiction writer Richard Garfinkle, tackle these questions and more in "Three Steps to the Universe", a tour through some of the most complex phenomena in the cosmos and an accessible exploration of how scientists acquire knowledge about the universe through observation, indirect detection, and theory. From the Sun and black holes, the authors lead us further into the unknown, to the dark matter and energy that pervade our universe, where science teeters on the edge of theory and discovery. Returning from the depths of space, the final section of the book brings readers back down to Earth for a final look at the practice of science, ending with a practical guide to discerning real science from pseudoscience among the cacophony of print and online scientific sources. "Three Steps to the Universe" will reward anyone interested in learning more about the universe around us and shows how scientists uncover its mysteries.

作者介绍:

戴维·加芬克尔，美国奥克兰大学物理系教授，主要研究领域为引力生物学；

理查德·加芬克尔，美国科幻作家，主要作品有《Celestial Matters》、《All of an Instant》；《Celestial Matters》曾获1997年的康普顿·克罗克奖（Compton Crook Award）；

庾君伟，北京大学天文学系研究生毕业，师从徐仁新教授，对天文痴迷，曾在英国《皇家天文月刊》（Monthly Notices of Royal Astronomical Society, MNRAS）等国内外核心天文期刊上发表SCI科研论文5篇。

目录:

[Three Steps to the Universe 下载链接1](#)

标签

评论

---

[Three Steps to the Universe 下载链接1](#)

## 书评

太阳太阳太神秘。

这本书太科普了，所以我看到里面还有数所公式的时候，脑袋就嗡的一声大了啊。宇宙很大，浩瀚无穷，我是想细细探究一下的，有了探挖的心，再找到这样的工具书，进阶三级阶梯，我还是很轻松的脑补了一下科普知识哈。

第一个阶梯就是太阳哦。书上说看得见却摸不...

---

宇宙有多大？想了解么，不用怕，给你三个梯子。

哈哈，如果真这样，事情就简单了。以前学习了一些常用软件的时候，到书店买书，常常买回来的就是二级进阶或快速进阶，好像书就是梯子可以提供快速进阶的方法，而且效果还真的挺不错的，因为实用的软件书，都真的给人进阶的感觉。...

---

[Three Steps to the Universe](#) [下载链接1](#)