

组合数学



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This third edition of Introductory Combinatorics contains extensive rewriting of some sections and the inclusion of some new material and exercises. There is enough material in this third edition for a two semester course. A first semester could have an emphasis on counting and a second semester an emphasis on graph theory.

It is difficult to assess the prerequisites for this book. Perhaps they can be best described as the mathematical maturity achieved by the successful completion of the calculus sequence and an elementary course on linear algebra. Use of calculus is minimal, and the references to linear algebra are few and should not cause any problem to those not familiar with it.

作者介绍:

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标签

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评论

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书评

- 1.看了这本书后，我才真正意识到，数学是经验科学。
- 2.这书不适合自学，里面牵涉太多数学学科，一般大学那点数学基础肯定不够用。网上有北京师范大学用这本书上课的视频，讲得灰常好，就是省去了好几章内容以及后面的整个图论部分。
- 3.这书其实不怎么样（除非只把它当作...）

首先，不得不说这是一本好书，但是翻译实在是不敢恭维~~怀着膜拜的心情把这本书买了回来，发现翻译得真够烂的。我刚看到第9页，后面的不知道翻译的怎么样，但就描述幻方构造方法的步骤部分来说，翻译得确实够烂的，我看三遍都没看懂！对照了一下英文版的，一下子就看懂了，...

鸽笼原理，容斥原理，Nim博奕，Catalan数等等，都是很经典的，这本书和《算法导论》一起买很合适，尤其用来针对算法学习。

“现在考虑你所喜爱的这个城镇里的居民，在一对相爱的人之间连上一条线，就得到了图的另一个例子。但你要承认这样的事实：有时一个人对另一个人的爱，并不总是能够得到对方的回报” ——Richard A. Brualdi, *Introductory Combinatorics* (组合数学)，机械工业出版社，2005，中译...

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