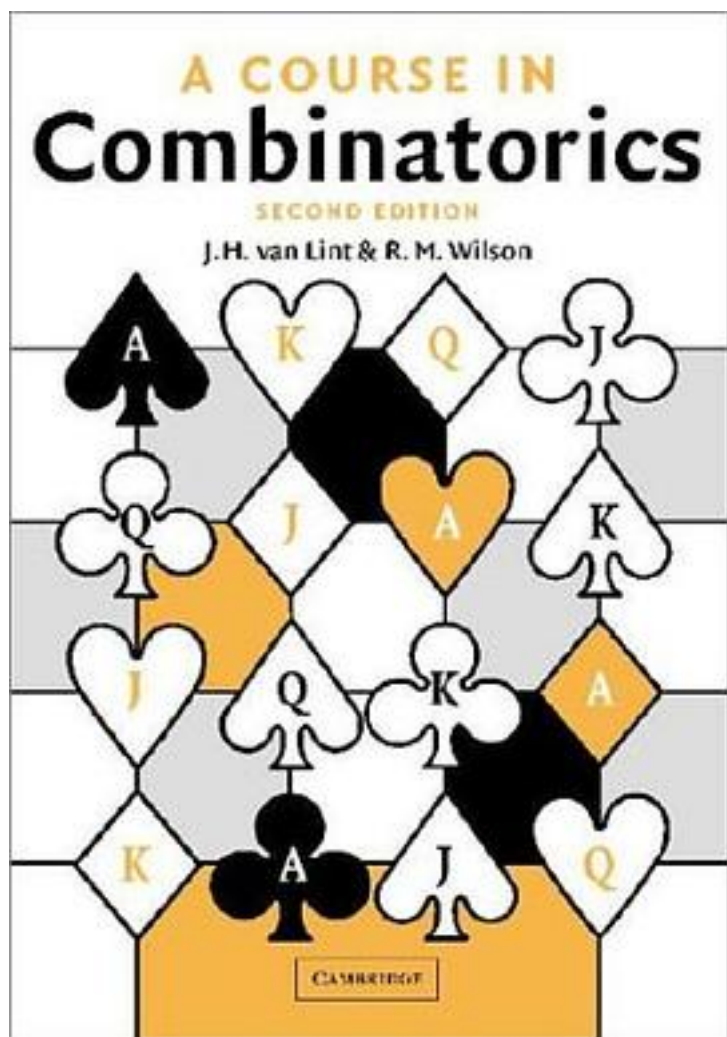# A Course in Combinatorics

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著者:J. H. van Lint

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This is the second edition of a popular book on combinatorics, a subject dealing with

ways of arranging and distributing objects, and which involves ideas from geometry, algebra and analysis. The breadth of the theory is matched by that of its applications, which include topics as diverse as codes, circuit design and algorithm complexity. It has thus become essential for workers in many scientific fields to have some familiarity with the subject. The authors have tried to be as comprehensive as possible, dealing in a unified manner with, for example, graph theory, extremal problems, designs, colorings and codes. The depth and breadth of the coverage make the book a unique guide to the whole of the subject. The book is ideal for courses on combinatorical mathematics at the advanced undergraduate or beginning graduate level. Working mathematicians and scientists will also find it a valuable introduction and reference.

作者介绍:

J．H．van Lint（1932—2004）拥有荷兰乌特勒支大学博士学位，是荷兰埃因霍温科技大学数学与计算机科学系教授，于1997年退休。他是荷兰皇家艺术和科学院成员、西安交通大学荣誉教授、荷兰数学会荣誉成员等。除本书外，他还著有《Introduction to Coding Theory》，《Coding Theory》等书。

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标签

数学

组合数学

离散数学

计算机科学

combinatorics

mathematics

组合学

课本

评论

靠，中文翻译版原来我读过

太棒了！翻译的那版和它相比简直就是悲剧！

I should have spent more time reading this book.

组合课的推荐教材，无聊的时候可以刷刷上面的题，这两年要读的书太多了，这本只能暂时吃土中

作为一个本科经济，毫无离散、算法基础的人，强行上研究生level的课用的这本教材。感觉就是奥数，这思维方法确实不一样，被虐成狗。只能怪自己智商太低，而且该书超级简洁，大神思维都是跳跃的吧。费九牛二虎之力能勉强看懂例子，作业完全懵逼。sigh

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书评

涵盖面很广,看目录就知道了.
作为intro.性质的书,我觉得比DEK的那本具体数学更通俗易懂,从打CS研究基础角度看,涉及面更丰富.

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