问题求解 (四) 书籍与公开课推荐

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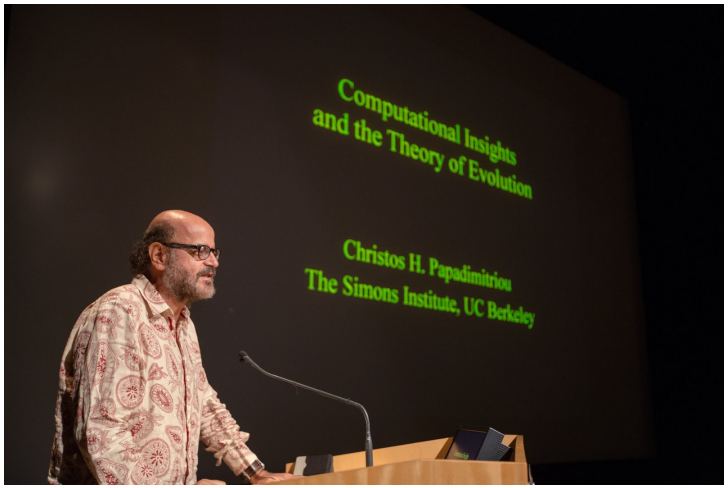
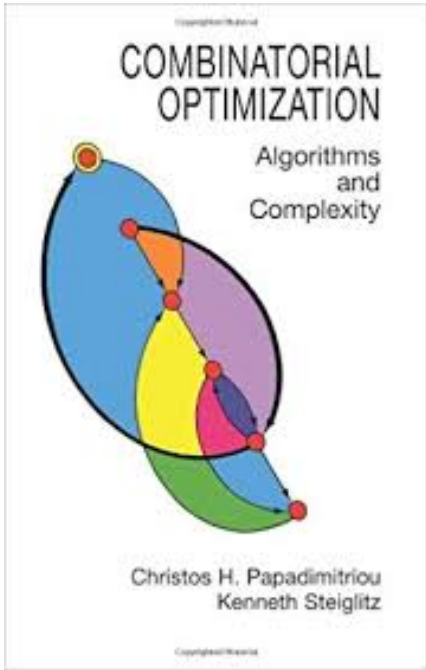
读书时，是别人在代替我们思想，我们只不过重复他的思想活动的过程而已。

有许多学者就是这样，因读书太多而变得愚蠢。

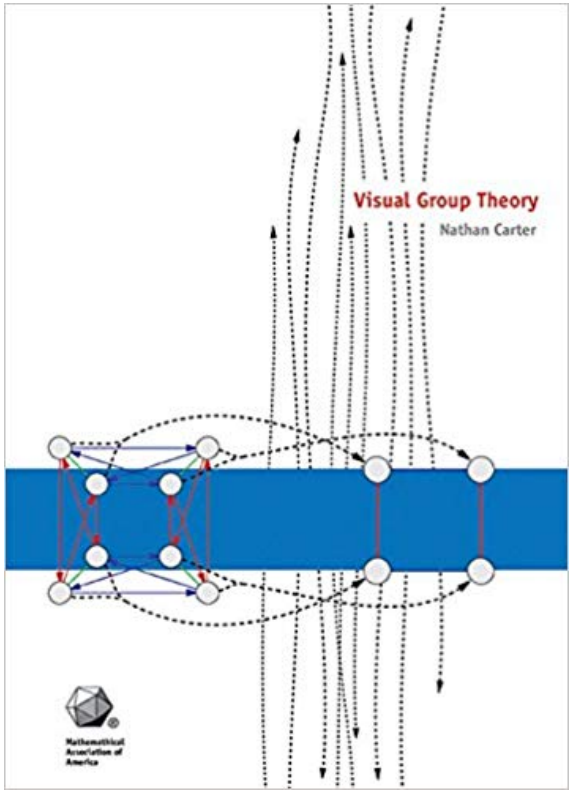
— 叔本华





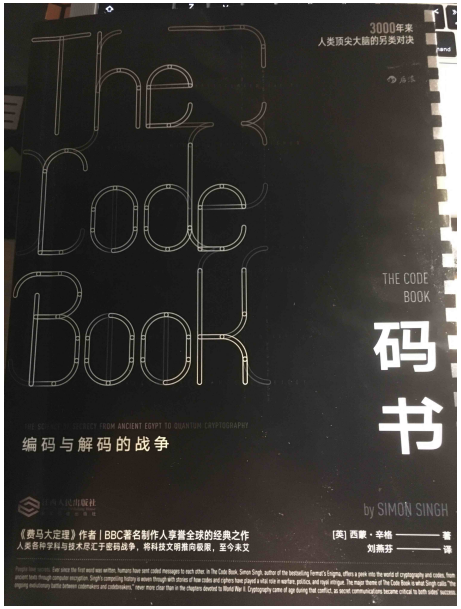
“线性规划/整数规划”视角下的组合优化问题与算法

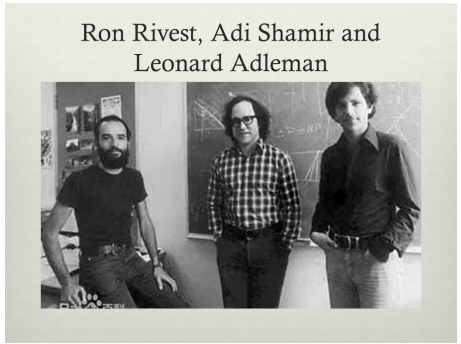
阅读难度颇大, 但提供了更深刻的理解



“看得见的” 群论, 生动有趣的 Cayley Diagrams

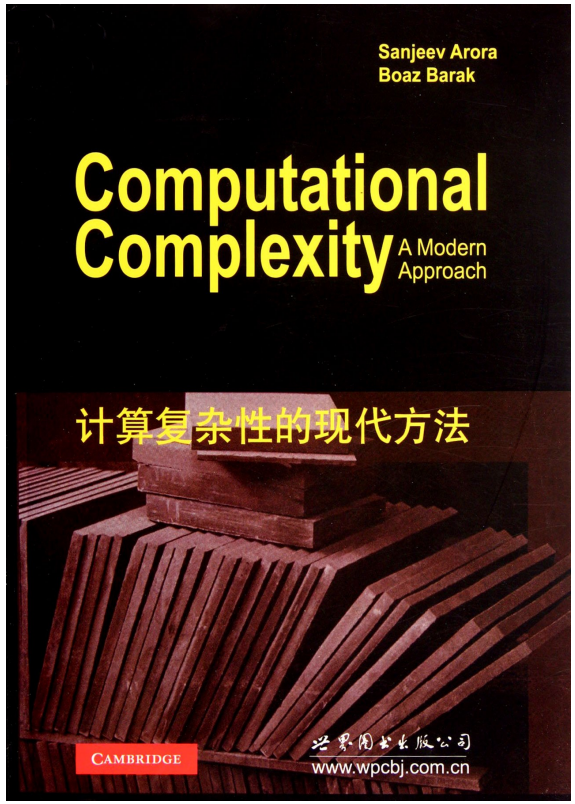
配合教学视频 @ Youtube食用, 口味更佳



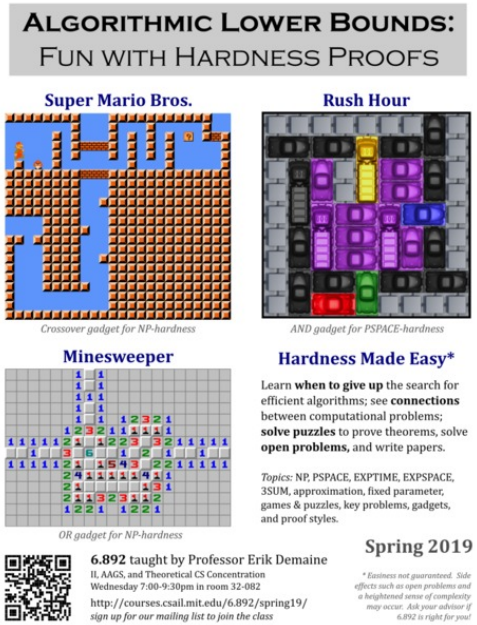


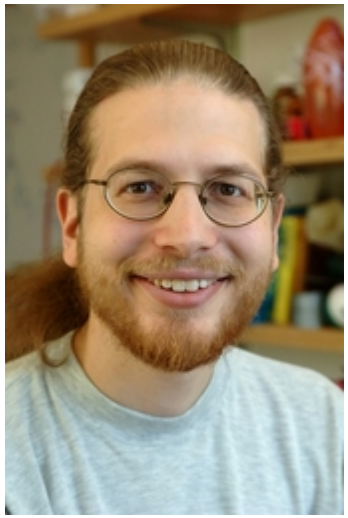
了解背后的人物与故事, 与了解理论本身同样重要

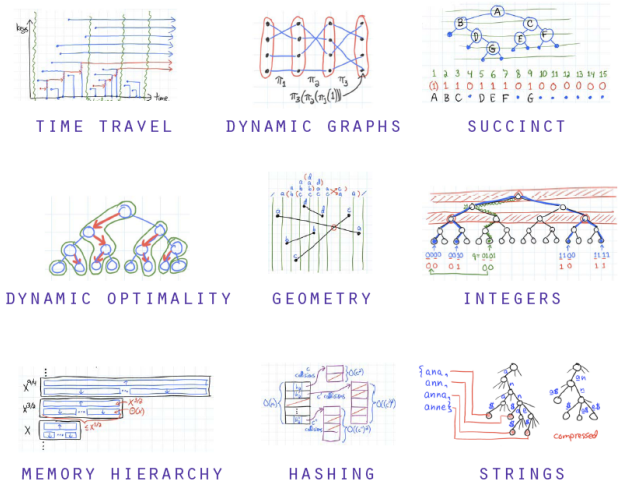
The Science of Secrecy from Ancient Egypt to Quantum Cryptography @ Youtube



更多关于计算复杂度的理论

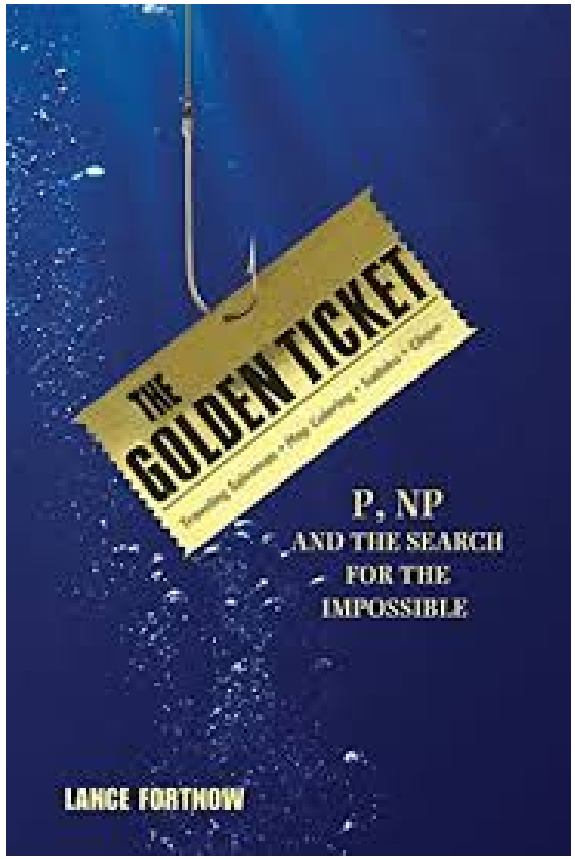




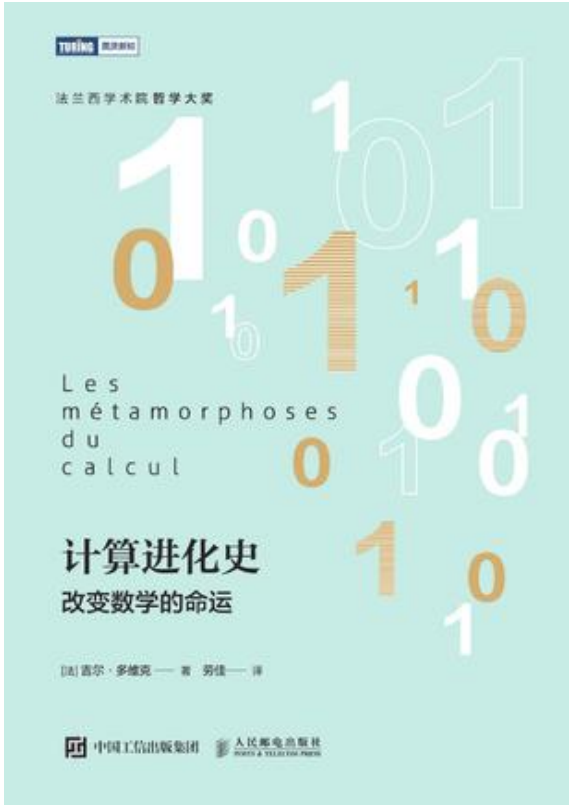


紫荆: MIT 6.892 Algorithmic Lower Bounds
(http://zijingbt.njuftp.org/stats.html?id=111446)

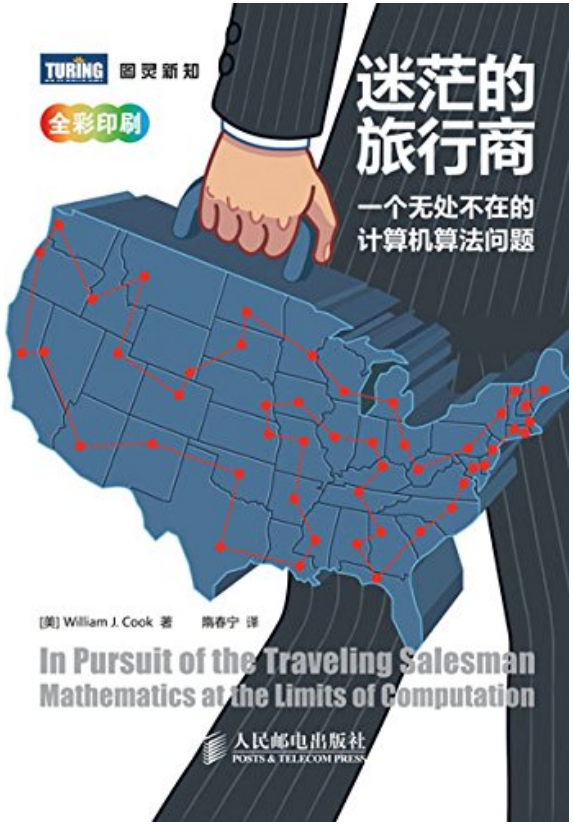
紫荆: MIT 6.851 Advanced Data Structures
(http://zijingbt.njuftp.org/stats.html?id=111445)


THE
GOLDEN TICKET
P, NP
AND THE SEARCH
FOR THE
IMPOSSIBLE
LANCE FORTNOW

关于 P, NP 的科普读物

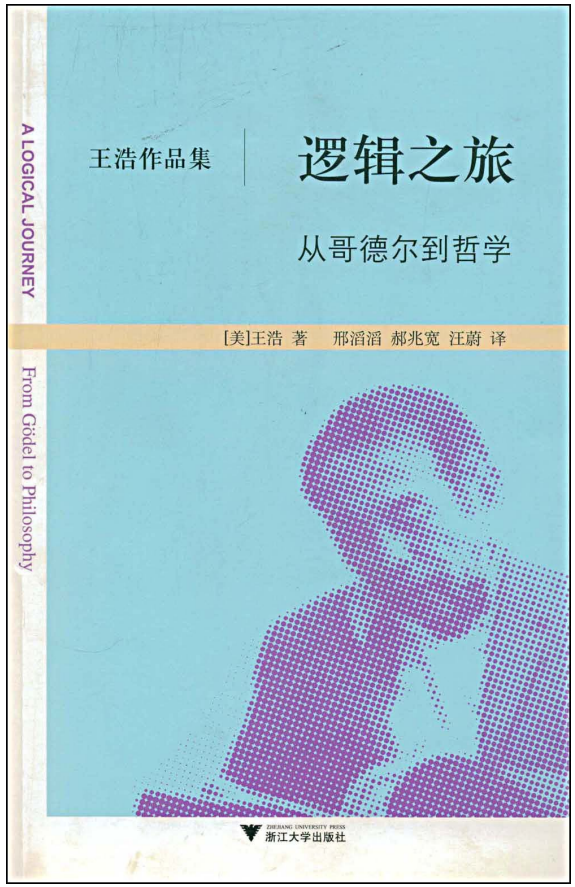


“逻辑”与“计算”的发展史;“计算”与“证明”的关系



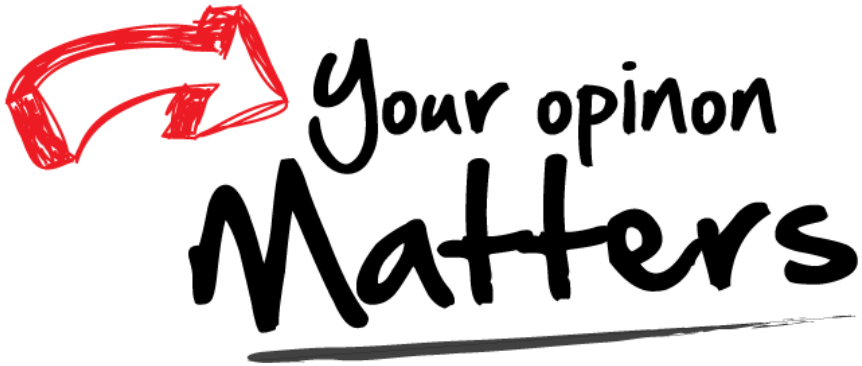
以“旅行商问题”为主线, 介绍计算复杂度、线性规划、启发式算法等

The Traveling Salesman Problem (William J. Cook) @ Youtube


王浩作品集
逻辑之旅
从哥德尔到哲学
[美]王浩 著 邢滔滔 郝兆宽 汪蔚 译
A LOGICAL JOURNEY
From Gödel to Philosophy
浙江大学出版社

不求甚解; 偶有所悟

为了更好地教学, 希望能得到你的反馈、批评、意见或建议。



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Thank
You!