Mathematical Economics
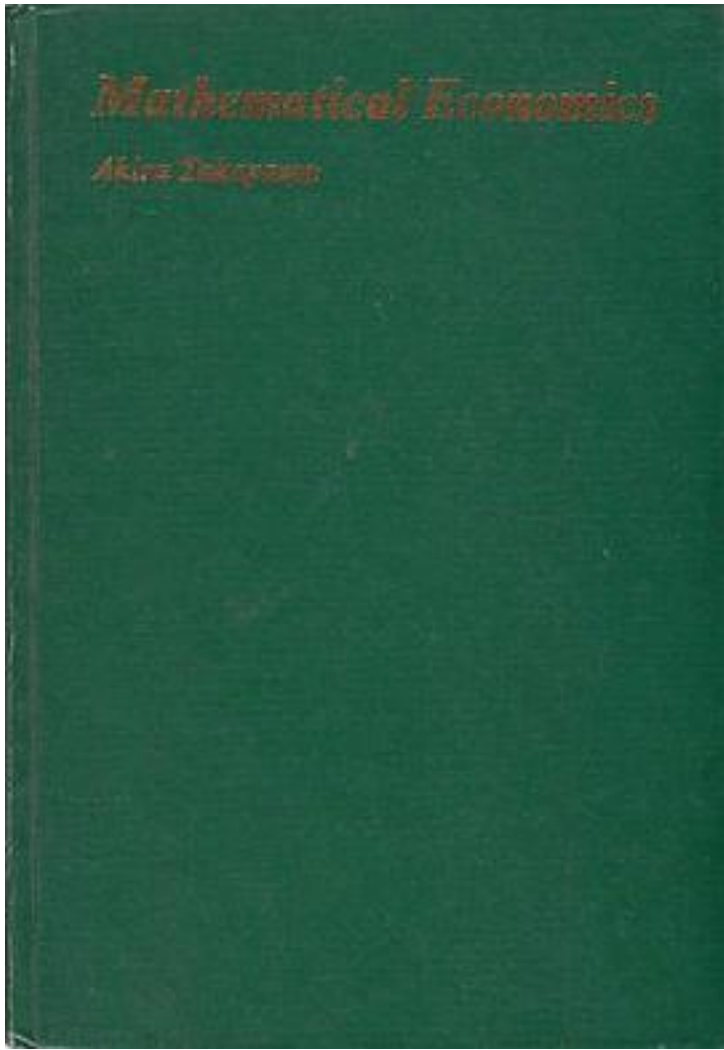
Mathematical Economics_下载链接1_

著者:Akira Takayama

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This book provides a systematic exposition of mathematical economics, presenting and surveying existing theories and showing ways in which they can be extended. One of its strongest features is that it emphasises the unifying structure of economic theory in such a way as to provide the reader with the technical tools and methodological approaches necessary for undertaking original research. The author offers explanations and discussion at an accessible and intuitive level providing illustrative examples. He begins the work at an elementary level and progessively takes the reader to the frontier of current research. This second edition brings the reader fully up to date with recent research in the field.

作者介绍:

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标签

数量经济

经济学

TheoreticalEconomics

数量经济学

数理经济学模型

量学

经济学大作

微经

评论

really cannot find a substitute for it so far. Varian is too conclusive. MWG is a modern extension to Takayama's, but very often too extended to retain focus. However it helps a lot if one read Takayama's first and catch up with the current state with MWG

真他妈绕

高山晟这本数理经济学比较全面，较多地涉及了多部门线性模型，对佩龙-弗罗贝尼乌斯定理以及冯诺依曼模型以及大道定理的证明部分非常有价值，每节后面都罗列了很经典的数理经济学方面的文献。唯一的缺点就是有时候太严谨了，不过这并不能成为放弃这本书的理由

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书评

第一章开始讲数学分析里的东西，什么开集闭集，连续性的定义等，比微积分的知识要求更高，可能要用到一些拓扑，泛函中的范数等内容。
然后：开始讲非线性规划的内容，之前我只知道限制条件取到等号怎么处理（看了这本书后知道不等式怎么处理，涉及到秩的问题），还是很深刻的，...

本来以为挺难了，买了后一翻，直接退了，大部分就是纯数学，而且内容又简单，就是大学的高数，概率论，线代。而且并未把数学与经济联系的特紧密，比如分析某个模型的数学理论，我当时是冲着这个想法买的，买完了发现还不如看数学三。

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