

# Black-Hole Accretion Disks: Towards a New Paradigm



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出版者:Kyoto University Press

出版时间:

装帧:

isbn:9784876980536

Since publication of the first edition, models of advection-dominated accretion flows and their comparison with observations have been much developed and deepened, including the cases of super-Eddington accretion. The launch of the Rossi X-ray Timing Explorer led to the discovery of high-frequency oscillations, which opened a new field of discoseismology. In addition, development of observational techniques show that the time when we see a direct image or silhouette of black holes is in the near future. Considering these situations, we fully revised the first edition in order to meet the

developments mentioned above

作者介绍:

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评论

写的确实比另一本深得多

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书评

刚开始读，个人感觉日本人的思维跟中国人相似，从公式出发，推导详细严谨。Mineshige、Kato都是日本在吸积盘领域的super master，从最早的吸积盘不稳定性爆发模型到现在的超爱丁顿吸积数值模拟，经历了吸积盘理论的发展历史。相对于Frank那本重物理图景、轻数学推导的Accre...

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