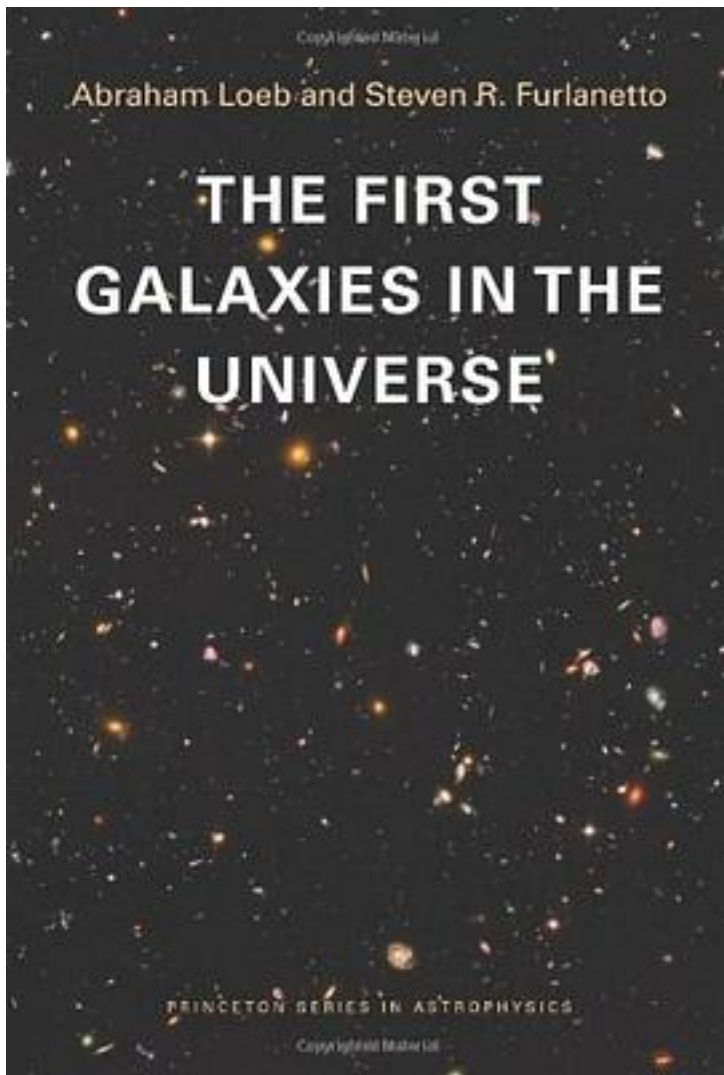


The First Galaxies in the Universe



[The First Galaxies in the Universe 下载链接1](#)

著者:Abraham Loeb

出版者:Princeton University Press

出版时间:2012-12-26

装帧:Paperback

isbn:9780691144924

This book provides a comprehensive, self-contained introduction to one of the most exciting frontiers in astrophysics today: the quest to understand how the oldest and most distant galaxies in our universe first formed. Until now, most research on this question has been theoretical, but the next few years will bring about a new generation of large telescopes that promise to supply a flood of data about the infant universe during its first billion years after the big bang. This book bridges the gap between theory and observation. It is an invaluable reference for students and researchers on early galaxies. "The First Galaxies in the Universe" starts from basic physical principles before moving on to more advanced material. Topics include the gravitational growth of structure, the intergalactic medium, the formation and evolution of the first stars and black holes, feedback and galaxy evolution, reionization, 21-cm cosmology, and more. This title provides a comprehensive introduction to this exciting frontier in astrophysics. It begins from first principles. It covers advanced topics such as the first stars and 21-cm cosmology. It prepares students for research using the next generation of large telescopes. It discusses many open questions to be explored in the coming decade.

作者介绍:

目录:

[The First Galaxies in the Universe 下载链接1](#)

标签

Astrophysics

lang:en

Physics

评论

The first galaxies from scratch!

[The First Galaxies in the Universe 下载链接1](#)

书评

[The First Galaxies in the Universe_下载链接1](#)