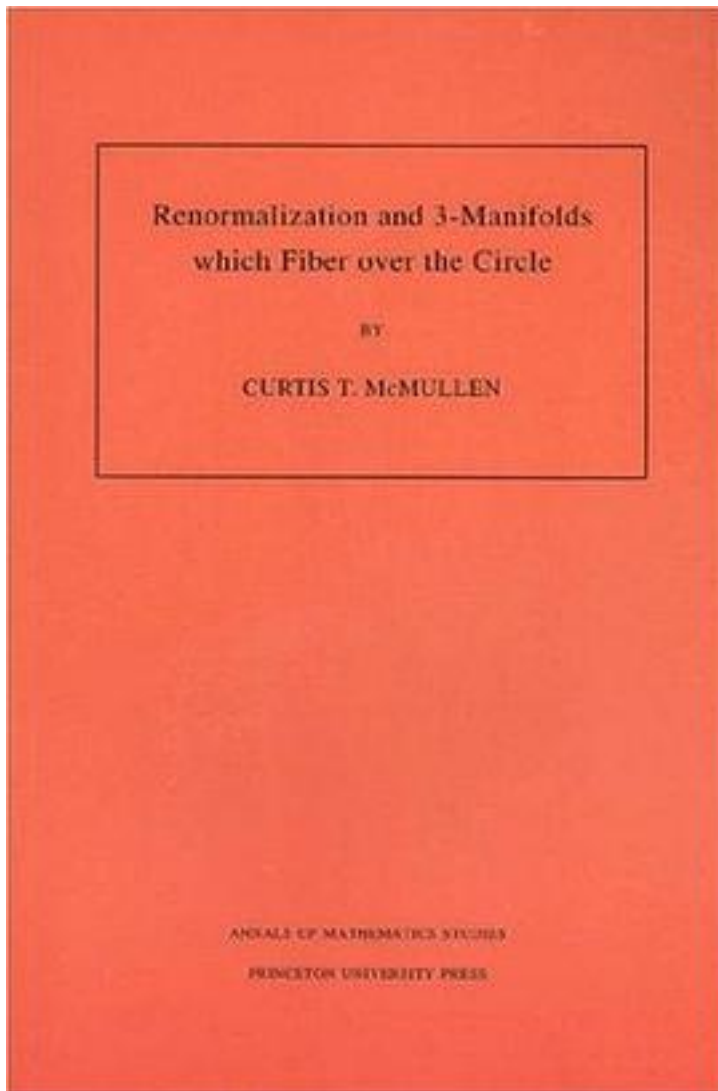# Renormalization and 3-Manifolds Which Fiber over the Circle

[Renormalization and 3-Manifolds Which Fiber over the Circle_下载链接1_](#)

著者:Curtis T. McMullen

出版者:Princeton University Press

出版时间:1996-7-22

装帧:Hardcover

isbn:9780691011547

Many parallels between complex dynamics and hyperbolic geometry have emerged in the past decade. Building on work of Sullivan and Thurston, this book gives a unified treatment of the construction of fixed-points for renormalization and the construction of hyperbolic 3- manifolds fibering over the circle.Both subjects are studied via geometric limits and rigidity. This approach shows open hyperbolic manifolds are inflexible, and yields quantitative counterparts to Mostow rigidity. In complex dynamics, it motivates the construction of towers of quadratic-like maps, and leads to a quantitative proof of convergence of renormalization.

作者介绍:

目录:

[Renormalization and 3-Manifolds Which Fiber over the Circle_下载链接1_](#)

标签

量子场论7

数学物理

数学

3-manifolds

评论

书评

[Renormalization and 3-Manifolds Which Fiber over the Circle_下载链接1](#)