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图书基本信息

- 书名: <<现代黎曼几何导论>>
- 13位ISBN编号:9787506247023
- 10位ISBN编号:750624702X
- 出版时间:2000-6
- 出版时间:北京世界图书出版公司
- 作者:I.Chavel
- 页数:386

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内容概要

My goals in this book on Riemannian geometry are essentially the same as those which guided me in my Eigenvalues in Riemannian Geometry [69], to introduce the subject, to coherently present a number of its basic techniques and results with a mind to future work, and to present some of the results that are attractive in their own right. This book differs from Eigenvalues in that it starts at a more basic level, and therefore, it must present a broader view of the ideas from which all the various directions emerge. At the same time, other treatments of Riemannian geometry are available at varying levels and interests, so I need not introduce everything. I have, therefore, attempted a viable introduction to Riemannian geometry for a very broad group of students, with emphases and developments in areas not covered by other books.



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