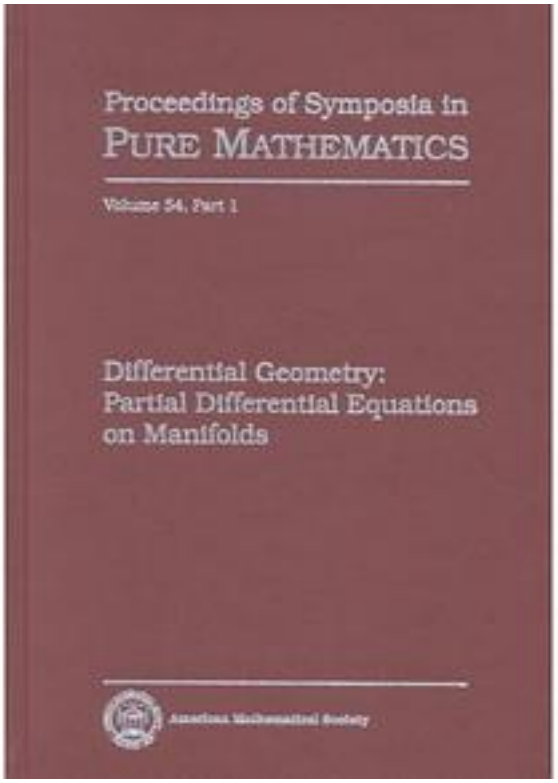
Differential Geometry



Differential Geometry_下载链接1_

著者:R.W. Sharpe

出版者:Springer

出版时间:1997-06-12

装帧:Hardcover

isbn:9780387947327

Cartan geometries were the first examples of connections on a principal bundle. They seem to be almost unknown these days, in spite of the great beauty and conceptual power they confer on geometry. The aim of the present book is to fill the gap in the literature on differential geometry by the missing notion of Cartan connections. Although the author had in mind a book accessible to graduate students, potential readers would also include working differential geometers who would like to know more about what Cartan did, which was to give a notion of "espaces generalises" (=

Cartan geometries) generalizing homogeneous spaces (= Klein geometries) in the same way that Riemannian geometry generalizes Euclidean geometry. In addition, physicists will be interested to see the fully satisfying way in which their gauge theory can be truly regarded as geometry.

作者介绍:

目录:

Differential Geometry_下载链接1_

标签

GTM

微分几何

数学

geometry

Geometry

mathematics

想买

微分几何7

评论

Differential Geometry_下载链接1_

书评

序 我很荣幸受 Sharpe 教授之邀为他优美的著作作序. 在前言中他问出了天真的问题: "为什么微分几何研究主丛上的联络?" 答案当然很简单, 因为 Euclid 几何研究主丛上的联络, 而所有几何都是 Euclid 几何在某种意义下的推广. 事实上, 令 E^n 为 n 维 Euclid 空间. 我们称 x, e_1,...

Differential Geometry_下载链接1_