



DOWNLOAD



## Geometrical Methods of Mathematical Physics (Paperback)

By Bernard F. Schutz

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 1980. Paperback. Book Condition: New. 226 x 152 mm. Language: English . Brand New Book. In recent years the methods of modern differential geometry have become of considerable importance in theoretical physics and have found application in relativity and cosmology, high-energy physics and field theory, thermodynamics, fluid dynamics and mechanics. This textbook provides an introduction to these methods - in particular Lie derivatives, Lie groups and differential forms - and covers their extensive applications to theoretical physics. The reader is assumed to have some familiarity with advanced calculus, linear algebra and a little elementary operator theory. The advanced physics undergraduate should therefore find the presentation quite accessible. This account will prove valuable for those with backgrounds in physics and applied mathematics who desire an introduction to the subject. Having studied the book, the reader will be able to comprehend research papers that use this mathematics and follow more advanced pure-mathematical expositions.



READ ONLINE

[ 1.08 MB ]

### Reviews

*Extensive manual! Its this sort of very good study. It is rally fascinating throgh reading time period. I am just pleased to explain how this is actually the finest publication we have go through during my personal life and can be he greatest ebook for actually.*

-- **Henri Runolfsdottir**

*A brand new e book with a new perspective. Better then never, though i am quite late in start reading this one. I found out this ebook from my dad and i advised this publication to find out.*

-- **Hailee Hahn IV**