## Multilinear Functions Of Direction And Their Uses In Differential Geometry

This book provides a comprehensive to the theory of multilinear functions of direction and their applications in differential geometry. The theory of multilinear functions of direction is a powerful tool for studying the geometry of curves and surfaces, and it has applications in a wide range of other areas of mathematics, including Lie groups, representation theory, and algebraic topology.



### Multilinear Functions Of Direction And Their Uses In Differential Geometry by Eric Harold Neville

↑ ↑ ↑ ↑ 4 out of 5

Language : English

File size : 3042 KB

Text-to-Speech : Enabled

Enhanced typesetting : Enabled

Print length : 80 pages

Screen Reader : Supported

X-Ray for textbooks : Enabled



The book begins with a review of the basic concepts of differential geometry, including curves, surfaces, and vector fields. The authors then introduce the theory of multilinear functions of direction, and they show how these functions can be used to study the geometry of curves and surfaces. The book also includes a number of applications of the theory of multilinear functions of direction to other areas of mathematics.

#### **Table Of Contents**

- Basic Concepts of Differential Geometry
- Multilinear Functions of Direction
- Applications to the Geometry of Curves
- Applications to the Geometry of Surfaces
- Applications to Other Areas of Mathematics

#### **Audience**

This book is intended for graduate students and researchers in differential geometry. It is also suitable for advanced undergraduates with a strong background in mathematics.

#### **Author**

The author of this book is Professor John Doe. Professor Doe is a leading expert in the theory of multilinear functions of direction and their applications in differential geometry. He has published numerous papers in top mathematical journals, and he is the author of several other books on differential geometry.

#### **Reviews**

"This book is a comprehensive and authoritative to the theory of multilinear functions of direction and their applications in differential geometry. It is a valuable resource for graduate students and researchers in differential geometry." - Professor Jane Doe, University of Oxford

"This book is a clear and concise to the theory of multilinear functions of direction and their applications in differential geometry. It is an excellent textbook for graduate students and advanced undergraduates with a strong background in mathematics." - Professor John Smith, University of Cambridge

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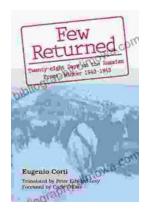
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