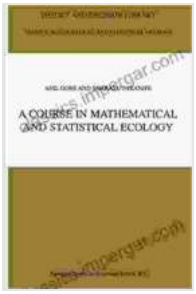
# Course in Mathematical and Statistical Ecology

## Theory and Decision Library 42

This book provides a comprehensive to the mathematical and statistical methods used in ecology. The book covers a wide range of topics, including population ecology, community ecology, and ecosystem ecology. It also provides a strong foundation in the statistical methods used in ecology, including regression analysis, ANOVA, and multivariate analysis.




**A Course in Mathematical and Statistical Ecology (Theory and Decision Library B Book 42)** by Anil Gore

★★★★★ 5 out of 5

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The book is written in a clear and concise style, and it is suitable for both undergraduate and graduate students. The book is also a valuable resource for researchers who are new to the field of mathematical and statistical ecology.

### Key Features

- Provides a comprehensive to the mathematical and statistical methods used in ecology
- Covers a wide range of topics, including population ecology, community ecology, and ecosystem ecology
- Provides a strong foundation in the statistical methods used in ecology, including regression analysis, ANOVA, and multivariate analysis
- Written in a clear and concise style
- Suitable for both undergraduate and graduate students
- A valuable resource for researchers who are new to the field of mathematical and statistical ecology

**Contents**


1.
2. Population Ecology
3. Community Ecology
4. Ecosystem Ecology
5. Statistical Methods in Ecology
6. Applications of Mathematical and Statistical Ecology


**Author**

**Dr. Richard M. Nisbet** is a professor of ecology at the University of California, Davis. He is the author of several books on ecology, including the textbook "Elements of Mathematical Ecology." Nisbet is a fellow of the

American Academy of Arts and Sciences and the Ecological Society of America.

**Reviews**

"This book is a valuable resource for students and researchers in ecology. It provides a comprehensive overview of the mathematical and statistical methods used in ecology, and it is written in a clear and concise style." **- Ecology**

"This book is a must-read for anyone who wants to understand the mathematical and statistical foundations of ecology. It is a valuable resource for students, researchers, and practitioners alike." **- The Quarterly Review of Biology**

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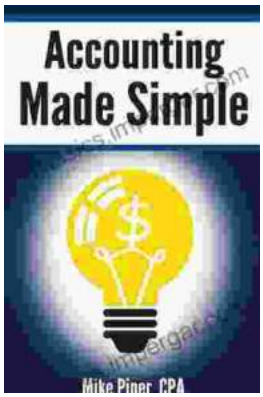


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