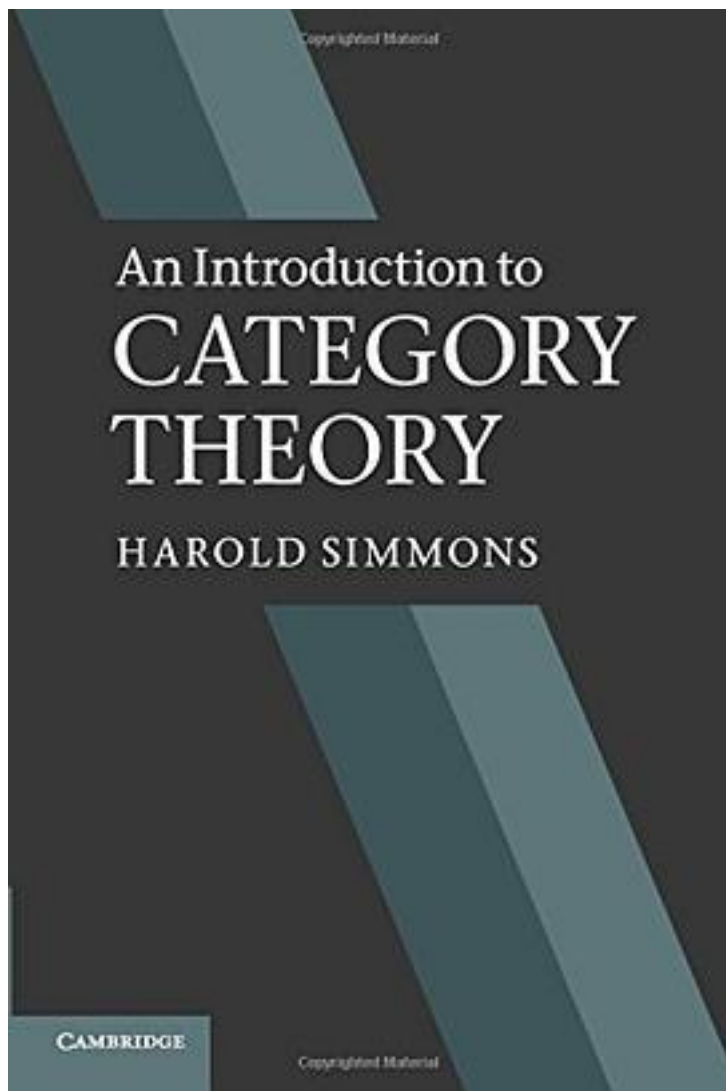# An Introduction to Category Theory

[An Introduction to Category Theory_下载链接1_](#)

著者:Harold Simmons

出版者:Cambridge University Press

出版时间:2011-11-21

装帧:Paperback

isbn:9780521283045

Category theory provides a general conceptual framework that has proved fruitful in subjects as diverse as geometry, topology, theoretical computer science and foundational mathematics. Here is a friendly, easy-to-read textbook that explains the fundamentals at a level suitable for newcomers to the subject. Beginning postgraduate mathematicians will find this book an excellent introduction to all of the basics of category theory. It gives the basic definitions; goes through the various associated gadgetry, such as functors, natural transformations, limits and colimits; and then explains adjunctions. The material is slowly developed using many examples and illustrations to illuminate the concepts explained. Over 200 exercises, with solutions available online, help the reader to access the subject and make the book ideal for self-study. It can also be used as a recommended text for a taught introductory course.

作者介绍:

· · · · · · ([收起](#))

[An Introduction to Category Theory_下载链接1_](#)

标签

计算机科学

Math

数学

范畴论

MathCategoryTheory

CategoryTheory

Cambridge

CUP

评论

[An Introduction to Category Theory_下载链接1_](#)

书评