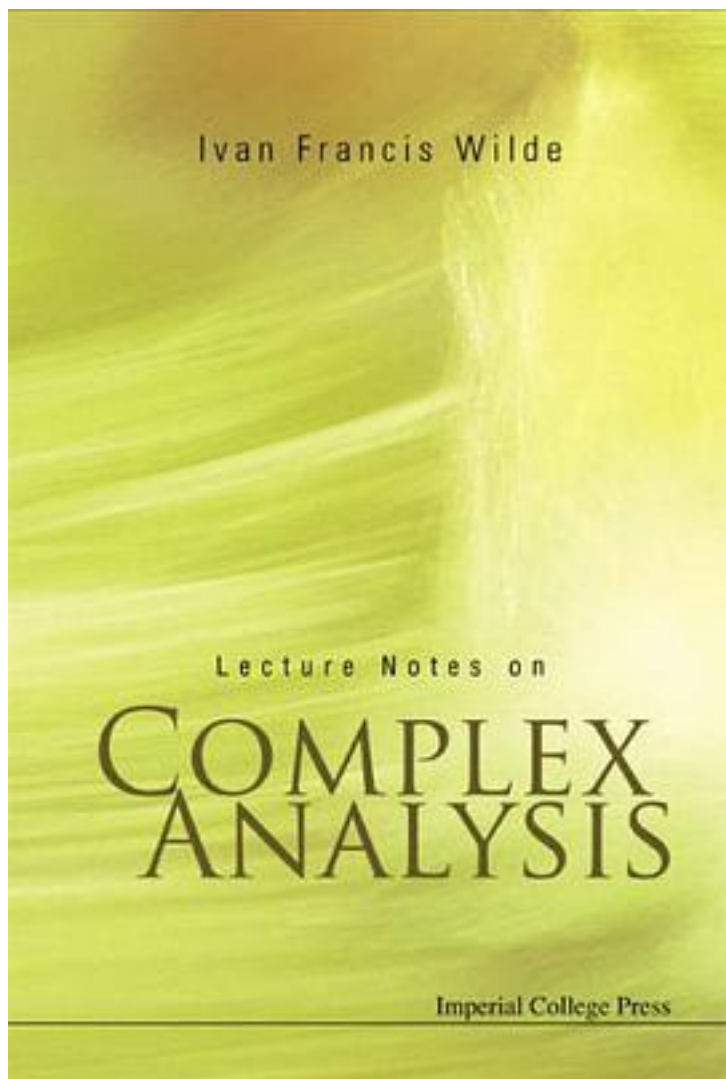# Lecture Notes on Complex Analysis

[Lecture Notes on Complex Analysis_下载链接1_](#)

著者:Wilde, Ivan Francis

出版者:World Scientific Pub Co Inc

出版时间:

装帧:HRD

isbn:9781860946424

This book is based on lectures presented over many years to second and third year mathematics students in the Mathematics Departments at Bedford College, London, and King's College, London, as part of the BSc. and MSci. program. Its aim is to provide a gentle yet rigorous first course on complex analysis. Metric space aspects of the complex plane are discussed in detail, making this text an excellent introduction to metric space theory. The complex exponential and trigonometric functions are defined from first principles and great care is taken to derive their familiar properties. In particular, the appearance of and#960; , in this context, is carefully explained. The central results of the subject, such as Cauchy's Theorem and its immediate corollaries, as well as the theory of singularities and the Residue Theorem are carefully treated while avoiding overly complicated generality. Throughout, the theory is illustrated by examples.

作者介绍:

目录:

[Lecture Notes on Complex Analysis_下载链接1_](#)

标签

评论

[Lecture Notes on Complex Analysis_下载链接1_](#)

书评

[Lecture Notes on Complex Analysis_下载链接1_](#)