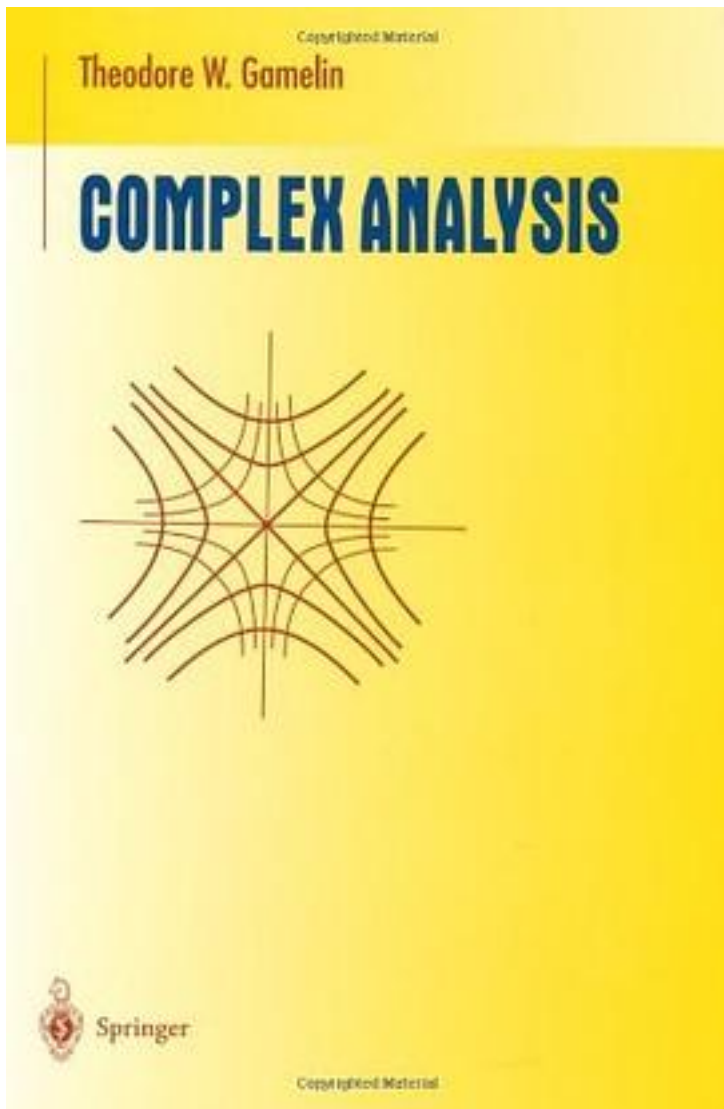# Complex Analysis

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著者:Lars Ahlfors

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isbn:9780070006577

A standard source of information of functions of one complex variable, this text has retained its wide popularity in this field by being consistently rigorous without becoming needlessly concerned with advanced or overspecialized material. Difficult points have been clarified, the book has been reviewed for accuracy, and notations and terminology have been modernized. Chapter 2, Complex Functions, features a brief section on the change of length and area under conformal mapping, and much of Chapter 8, Global-Analytic Functions, has been rewritten in order to introduce readers to the terminology of germs and sheaves while still emphasizing that classical concepts are the backbone of the theory. Chapter 4, Complex Integration, now includes a new and simpler proof of the general form of Cauchy's theorem. There is a short section on the Riemann zeta function, showing the use of residues in a more exciting situation than in the computation of definite integrals.

作者介绍:

目录:

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标签

数学

复分析

Mathematics

Analysis

分析

教材

Ahlfors

单复变函数

评论

扫尾三。确实没有一句废话；阿大师一般不告诉你哦我这里要证明上面的定理了，当你正迷惑的时候会突然发现哦证明我已经看完了；最精彩的必须是第6章；阿大师必须是大师因为一切于他都是obvious，多写几句证明是照顾你好吧，好不容易多写几句解释Picard定理还道了个歉尼玛。

讲得挺好的. 算经典. 不过不够"现代"

复分析的经典

好书

作为课程参考书看了半本，剩下的先搁置。150101 |
后半本扫读了一下，几何与拓扑味浓。150720

重新读

被翻译得象屎一样

被Frong坑过的同学绝逼都应该重新学一遍complex……

在这个人人都学代数几何的时代，Ahlfors的复分析也并不显得平凡呢

经典的复分析入门教材

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书评

有幸学习了一遍阿尔福斯的复分析教程。这本书，诚实说，对于初学者来说十分不友好，课程晦涩且习题比较难，可能更适合研究生或者博士生进一步学习。 优点：
1第四章柯西定理的证明相较于其他书籍来说更为简洁明了，证明思路更为清晰。（复分析课程学习的重点） 2知识点较全，譬...

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