



## Complex Analysis (Undergraduate Texts in Mathamatics)

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Springer, 1996. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface; 1. The Complex Numbers; 2. Functions of the Complex Variable z; 3. Analytic Functions; 4. Line Integrals and Entire Functions; 5. Properties of Entire Functions; 6. Properties of Analytic Functions; 7. Further Properties of Analytic Functions; 8. Simply Connected Domains; 9. Isolated Sigularities of an Analytic Function; 10. The Residue Theorem; 11. Applications of The Residue Theorem to the Evaluation of Integrals Sums; 12. Further Contour Integral Techniques; 13. Introduction to Conformal Mapping; 14. The Riemann Mapping Theorem; 15. Maximum-Modulus Theorems for Unbounded Domains; 16. Harmonic Functions; 17. Different Forms of Analytic Functions; 18. Analytic Continuation; The Gamma and Zeta Functions; 19. Applications to Other Areas of Mathematics; Appendices; Answers; Bibliography; Index.



## Reviews

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-- Joshua Gerhold PhD

A very awesome book with perfect and lucid reasons. It really is basic but shocks within the 50 percent of the book. Its been designed in an exceptionally easy way and is particularly merely right after i finished reading this ebook where in fact changed me, change the way i think.

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