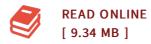




The Schwarz Lemma

By Sean Dineen

Dover Publications Inc., United States, 2016. Paperback. Book Condition: New. 233 x 156 mm. Language: English . Brand New Book. The Schwarz lemma is among the simplest results in complex analysis that capture the rigidity of holomorphic functions. This self-contained volume provides a thorough overview of the subject; it assumes no knowledge of intrinsic metrics and aims for the main results, introducing notation, secondary concepts, and techniques as necessary. Suitable for advanced undergraduates and graduate students of mathematics, the two-part treatment covers basic theory and applications. Starting with an exploration of the subject in terms of holomorphic and subharmonic functions, the treatment proves a Schwarz lemma for plurisubharmonic functions and discusses the basic properties of the Poincare distance and the Schwarz-Pick systems of pseudodistances. Additional topics include hyperbolic manifolds, special domains, pseudometrics defined using the (complex) Green function, holomorphic curvature, and the algebraic metric of Harris. The second part explores fixed point theorems and the analytic Radon-Nikodym property.



Reviews

An incredibly wonderful book with perfect and lucid explanations. It normally is not going to price a lot of. I am just very happy to tell you that this is the greatest pdf we have go through within my personal lifestyle and could be he finest book for at any time.

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This is basically the greatest pdf i actually have go through till now. It is definitely simplistic but surprises within the fifty percent in the ebook. I am easily will get a delight of studying a published ebook.

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