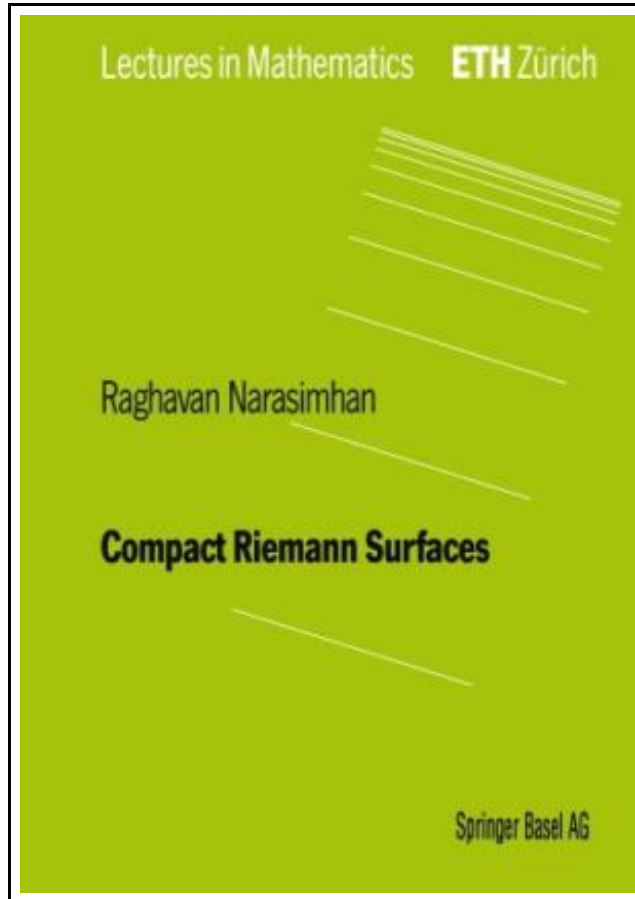


Compact Riemann Surfaces



Filesize: 1.87 MB

Reviews

This composed pdf is wonderful. Indeed, it is actually perform, continue to an amazing and interesting literature. I found out this pdf from my i and dad suggested this pdf to understand. (Simeon Legros Sr.)

COMPACT RIEMANN SURFACES



To read **Compact Riemann Surfaces** eBook, remember to access the web link beneath and save the document or have accessibility to additional information that are related to COMPACT RIEMANN SURFACES ebook.

Book Condition: New. Publisher/Verlag: Springer, Basel | These notes form the contents of a Nachdiplomvorlesung given at the Forschungs institut fur Mathematik of the Eidgenossische Technische Hochschule, Zurich from November, 1984 to February, 1985. Prof. K. Chandrasekharan and Prof. Jurgen Moser have encouraged me to write them up for inclusion in the series, published by Birkhiiuser, of notes of these courses at the ETH. Dr. Albert Stadler produced detailed notes of the first part of this course, and very intelligible class-room notes of the rest. Without this work of Dr. Stadler, these notes would not have been written. While I have changed some things (such as the proof of the Serre duality theorem, here done entirely in the spirit of Serre's original paper), the present notes follow Dr. Stadler's fairly closely. My original aim in giving the course was twofold. I wanted to present the basic theorems about the Jacobian from Riemann's own point of view. Given the Riemann-Roch theorem, if Riemann's methods are expressed in modern language, they differ very little (if at all) from the work of modern authors. | 1. Algebraic functions.- 2. Riemann surfaces.- 3. The sheaf of germs of holomorphic functions.- 4. The Riemann surface of an algebraic function.- 5. Sheaves.- 6. Vector bundles, line bundles and divisors.- 7. Finiteness theorems.- 8. The Dolbeault isomorphism.- 9. Weyl's lemma and the Serre duality theorem.- 10. The Riemann-Roch theorem and some applications.- 11. Further properties of compact Riemann surfaces.- 12. Hyperelliptic curves and the canonical map.- 13. Some geometry of curves in projective space.- 14. Bilinear relations.- 15. The Jacobian and Abel's theorem.- 16. The Riemann theta function.- 17. The theta divisor.- 18. Torelli's theorem.- 19. Riemann's theorem on the singularities of ? | Format: Paperback | Language/Sprache: english | 262 gr | 122 pp.



[Read Compact Riemann Surfaces Online](#)



[Download PDF Compact Riemann Surfaces](#)

Related eBooks



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

Follow the hyperlink under to download and read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)" PDF file.

[Save ePub »](#)



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

Follow the hyperlink under to download and read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)" PDF file.

[Save ePub »](#)



[PDF] Would It Kill You to Stop Doing That?

Follow the hyperlink under to download and read "Would It Kill You to Stop Doing That?" PDF file.

[Save ePub »](#)



[PDF] Violet Rose and the Surprise Party

Follow the hyperlink under to download and read "Violet Rose and the Surprise Party" PDF file.

[Save ePub »](#)



[PDF] Read Write Inc. Phonics: Purple Set 2 Non-Fiction 3 a Pet Goldfish (Paperback)

Follow the hyperlink under to download and read "Read Write Inc. Phonics: Purple Set 2 Non-Fiction 3 a Pet Goldfish (Paperback)" PDF file.

[Save ePub »](#)



[PDF] Read Write Inc. Phonics: Green Set 1 Non-Fiction 2 We Can All Swim! (Paperback)

Follow the hyperlink under to download and read "Read Write Inc. Phonics: Green Set 1 Non-Fiction 2 We Can All Swim! (Paperback)" PDF file.

[Save ePub »](#)