Compact Riemann Surfaces

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Compact Riemann Surfaces and Algebraic Curves World Scientific 5 Meromorphic functions on compact Riemann surfaces. 51. The hyperelliptic curve 4 is a compact Riemann surface with a puncture or punctures at ?. Compact Riemann Surfaces - An Introduction to Contemporary. Topics in the Function Theory of Compact Riemann Surfaces Symmetries of Compact Riemann Surfaces - Google Books Result Riemann surface of genus g is finite if \( g^2 \), and obtained the best possible bound. of a compact Riemann surface of some genus not less than 2 Burnside. Characters and Automorphism Groups of Compact Riemann Surfaces - Google Books Result Algebraic geometry: compact Riemann surfaces are the same as alge- braic curves. Intrinsic point of view: \( x^2 + y^2 = 1, x^2 \), y2 x2x+1 are all 'the same' curve. Topics on Riemann Surfaces and Fuchsian Groups - Google Books Result This is a leisurely survey of compact Riemann Surfaces from the point of view of complex function theory rather than of algebraic geometry so it focuses. Compact Riemann Surfaces 2.7 Proposition: Every Riemann surface in \( C^2 \) is non-compact. So, there is an obstacle to constructing compact Riemann surfaces, such as the torus without. cyclic groups of automorphisms of a compact riemann surface Oct 10, 2011. As to your general question: there is an equivalence of categories between compact Riemann surfaces and smooth proper curves over \( C \). This Compact Riemann Surfaces - Google Books Result Jürgen Jost Author. Unique among textbooks on Riemann surfaces, this book includes an introduction to Teichmüller theory. Compact Riemann Surfaces: An Introduction to Contemporary Mathematics starts off with a wonderful Preface containing a good deal of history, as well as Compact Riemann Surfaces: An Introduction to Contemporary Mathematics - Google Books Result algebraic geometry: compact Riemann surfaces are the same as algebraic curves. In the intrinsic point of view, \( x^2 + y^2 = 1, x^2 \), y2 are all 'the same' curve. Algebraic geometry: compact Riemann surfaces are the same as algebraic curves. In the intrinsic point of view, \( x^2 + y^2 = 1, x^2 \), y2 are all 'the same' curve. Algebraic geometry: compact Riemann surfaces are the same as algebraic curves. In the intrinsic point of view, \( x^2 + y^2 = 1, x^2 \), y2 are all 'the same' curve.