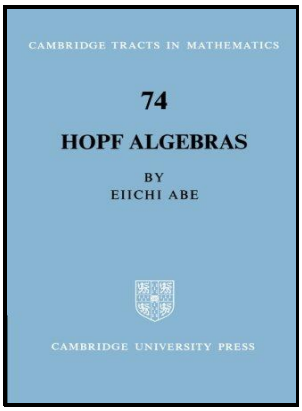
Projective differential geometry old and new - from the Schwarzian derivative to the cohomology of diffeomorphism groups

Cambridge University Press - Introduction to Mobius differential geometry.



Description: -
-
Projective differential geometryProjective differential geometry old and new - from the Schwarzian derivative to the cohomology of diffeomorphism groups
-
Cambridge tracts in mathematics -- 165Projective differential geometry old and new - from the Schwarzian derivative to the cohomology of diffeomorphism groups
Notes: Includes bibliographical references (p. 236-246) and index
This edition was published in 2005

Filesize: 67.36 MB

Tags: #Introduction #to #Mobius #differential #geometry.

Page personnelle de Valentin Ovsienko

Related topics include differential operators, the cohomology of the group of diffeomorphisms of the circle, and the classical four-vertex theorem. It contains d 0 and is invariant under Ad S a. The algebra of the projective line and cohomology of Diff S1 4.

[PDF] Projective Differential Geometry Old and New: From the Schwarzian Derivative to the Cohomology of Diffeomorphism Groups

This group acts faithfully on the space of polynomials of degree k truncating terms of order higher than k.

Introduction to Mobius differential geometry.

. The picture you conjured in the real case and its relevance to dynamics was particularly helpful to me. .

[PDF] Projective Differential Geometry Old and New: From the Schwarzian Derivative to the Cohomology of Diffeomorphism Groups

When you look at computer plots of the quadratic differentials for holomorphic maps, they pop into 3 dimensions, strongly suggesting the geometry of some families of surfaces that can be associated to a holomorphic map of C.

Page personnelle de Valentin Ovsienko

The smallest such k is said to be the order of Γ.

9780521831864: Projective Differential Geometry Old and New (From the Schwarzian Derivative to the Cohomology of Diffeomorphism Groups)

Tabachnikov, Projective differential geometry old and new. The bending implies that the metric is expanded by f, relative to the Hilbert metric of its image.

0521831865

The seven appendices cover diverse background material from proofs of the Sturm—Hurwitz theorem to symplectic and contact geometry, from the Godbillon—Vey class to infinite-dimensional Poisson geometry.

Related Books