Record Nr.	UNINA9910480309303321
Titolo	Laminations and foliations in dynamics, geometry and topology : proceedings of the Conference on Laminations and Foliations in Dynamics, Geometry and Topology, May 18-24, 1998, SUNY at Stony Brook / / Mikhail Lyubich, John W. Milnor, Yair N. Minsky, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2001] ©2001
ISBN	0-8218-7859-X 0-8218-5605-7
Descrizione fisica	1 online resource (250 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; 269
Disciplina	514/.72
Soggetti	Foliations (Mathematics) Geometry, Differential Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""Introduction""; ""Geodesic laminations on surfaces""; ""Part I. The dynamical viewpoint""; ""Definitions and first properties""; ""Examples of geodesic laminations""; ""The topology of geodesic laminations""; ""The higher dimensional case""; ""A more explicit example"; ""Local properties of geodesic laminations""; ""Transverse structures""; ""Part II. The topological viewpoint""; ""The topology and piecewise linear structure of ML(S)""; ""Change of metric""; ""The length function""; ""Tangent vectors to ML(S)""; ""The derivative of the length function"" ""Part III. The geometric viewpoint"""The convex core of a hyperbolic 3a €?manifold""; ""Pleated surfaces in hyperbolic 3a€?manifolds""; ""Variations of the geometry of convex cores""; ""Rotation angles, bending cocycles and Thurston's intersection form""; ""References""; ""Index""; ""Dicritical singularities of holomorphic vector fields""; ""2.1 Trapping region""; ""2.2 The map I?""; ""2.3 Non-Algebraicity of A""; ""2.4 Subhyperbolicity of attractors""

1.

""3. When the compact set of points with bounded orbit is disjoint from the critical set""""3.1 J = P2""; ""3.2 Support of I?""; ""4. Isolated repelling points""; ""4.1 Isolated repelling orbits""; ""4.2 The compact set K of points with bounded orbit"; ""5. Examples of endomorphisms such that Supp I? = Julia set""; ""3 lectures on foliations and laminations on 3-manifolds""; ""Rational laminations of complex polynomials""; ""Actions of discrete groups on complex projective spaces""; ""Dynamics of singular holomorphic foliations on the complex projective plane""; ""Preface""; ""Introduction"" ""1. Singular Holomorphic Foliations by Curves"""2. The Monodromy Group of a Leaf""; ""3. Density and Ergodicity Theorems"; ""4. Non-Trivial Minimal Sets""; ""References""