

1. Record Nr.	UNINA9910812425703321
Autore	Kaimanovich Vadim A.
Titolo	Conformal and harmonic measures on laminations associated with rational maps / / Vadim A. Kaimanovich, Mikhail Lyubich
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 2005 ©2005
ISBN	1-4704-0421-4
Descrizione fisica	1 online resource (134 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 820
Disciplina	510 s 515/.9
Soggetti	Conformal mapping Geometry, Hyperbolic Measure theory Differential topology Complex manifolds Hyperbolic spaces Kleinian groups
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Volume 173, number 820 (end of volume)."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""Introduction""; ""Chapter 1. Affine and hyperbolic laminations""; ""1.1. Affline plane and hyperbolic space""; ""1.2. The notion of lamination""; ""1.3. Cohomology of an affine lamination""; ""Chapter 2. Measures and currents on laminations""; ""2.1. Measures on general laminations""; ""2.2. Measures and streams on affine and hyperbolic laminations""; ""2.3. Conformal streams, harmonic measures and harmonic functions""; ""2.4. Measures and streams on quotient laminations""; ""Chapter 3. Laminations associated with rational maps""; ""3.1. Construction of the affine lamination"" ""3.2. The Busemann and basic cocycles of a rational map""""3.3. An example of a special section""; ""3.4. Dual basic cocycle""; ""3.5. Euclidean laminations""; ""Chapter 4. Measures on laminations associated with rational maps""; ""4.1. The balanced measures""; ""4.2. Equidistribution of leaves""; ""4.3. Critical exponent""; ""4.4. Transverse

conformal stream and  $\mathbb{H}^n$ -harmonic measure"; "4.5. Leafwise conformal streams"; "4.6. Sullivan's Riemann surface laminations"; "4.7. Problems"; "Appendix A. Laminations associated with Kleinian groups"

"A.1. Foliations associated with the hyperbolic space"; "A.2. Laminations associated with Kleinian groups"; "A.3. Metrics on the Riemann sphere"; "A.4. Conformal streams and invariant measures of the geodesic flow"; "A.5. New lines in the dictionary"; "A.6. An example of a non-Euclidean affine foliation"; "List of notations"; "Bibliography"

---