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Titolo	Metrical and Dynamical Aspects in Complex Analysis / / edited by Léa Blanc-Centi
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Descrizione fisica	1 online resource (XIV, 173 p.)
Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 2195
Disciplina	514.223
Soggetti	Functions of complex variables Geometry, Hyperbolic Dynamics Ergodic theory Several Complex Variables and Analytic Spaces Hyperbolic Geometry Dynamical Systems and Ergodic Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Invariant Distances -- 2. Dynamics in Several Complex Variables -- 3. Gromov Hyperbolic Spaces and Applications to Complex Analysis -- 4. Gromov Hyperbolicity of Bounded Convex Domains -- 5. Quasi-conformal Mappings -- 6. Carleson Measures and Toeplitz Operators. References.
Sommario/riassunto	The central theme of this reference book is the metric geometry of complex analysis in several variables. Bridging a gap in the current literature, the text focuses on the fine behavior of the Kobayashi metric of complex manifolds and its relationships to dynamical systems, hyperbolicity in the sense of Gromov and operator theory, all very active areas of research. The modern points of view expressed in these notes, collected here for the first time, will be of interest to academics working in the fields of several complex variables and metric geometry. The different topics are treated coherently and include expository presentations of the relevant tools, techniques and objects, which will be particularly useful for graduate and PhD students specializing in the

area.