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Titolo	Fully nonlinear PDEs in real and complex geometry and optics : Cetraro, Italy 2012 / Luca Capogna ... [et al.] ; editors: Cristian E. Gutiérrez, Ermanno Lanconelli
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Altri autori (Persone)	Capogna, Lucaauthor Gutiérrez, Cristian E. Lanconelli, Ermanno
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Nota di contenuto	L[infinity symbol] extremal mappings in AMLE and Teichmüller theory / Luca Capogna. Curvature measures, isoperimetric type inequalities and fully nonlinear PDEs / Pengfei Guan. Refraction problems in geometric optics / Cristian E. Gutierrez. On the Levi Monge-Ampère equation / Annamaria Montanari
Sommario/riassunto	The purpose of this CIME summer school was to present current areas of research arising both in the theoretical and applied setting that involve fully nonlinear partial differential equations. The equations presented in the school stem from the fields of Conformal Mapping Theory, Differential Geometry, Optics, and Geometric Theory of Several Complex Variables. The school consisted of four courses: Extremal

problems for quasiconformal mappings in space by Luca Capogna,
Fully nonlinear equations in geometry by Pengfei Guan, Monge-Ampere
type equations and geometric optics by Cristian E. Guteirrez, and On
the Levi Monge Ampère equation by Annamaria Montanari
