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| Nota di contenuto | On Bifurcation Currents in Holomorphic Families of Rational maps -- The Complex Monge–Ampère Equation in Kähler Geometry -- Applications of Pluripotential Theory to Algebraic Geometry -- Pluripotential Theory and Monge–Ampère Foliations. |
| Sommario/riassunto | Pluripotential theory is a very powerful tool in geometry, complex analysis and dynamics. This volume brings together the lectures held at the 2011 CIME session on "pluripotential theory" in Cetraro, Italy. This CIME course focused on complex Monge-Ampère equations, applications of pluripotential theory to Kahler geometry and algebraic geometry and to holomorphic dynamics. The contributions provide an extensive description of the theory and its very recent developments, starting from basic introductory materials and concluding with open questions in current research. |