Ann. Sc. Norm. Super. Pisa Cl. Sci. (5) Vol. XXII (2021), 183-193

## Analytic adjoint ideal sheaves associated to plurisubharmonic functions. II

## ZHENQIAN LI

**Abstract.** In this article we will introduce a coherent analytic adjoint ideal sheaf associated to plurisubharmonic function along a divisor. As an application, we will characterize the equivalence of canonical and rational singularities for complex hypersurfaces in the analytic setting.

Mathematics Subject Classification (2010): 32C25 (primary); 32C35, 32U05 (secondary).