

1088-53-98

Damin Wu* (damin.wu@uconn.edu), 196 Auditorium Road, Unit 3009, Storrs, CT 06269.

Complete Kahler-Einstein metrics on quasi-projective manifolds revisited.

It is known that a quasi-projective manifold with ample logarithmic canonical bundle admits a unique complete Kähler-Einstein metric. The asymptotic behavior of the canonical metric has been studied in the literature. In this talk I will present a more precise asymptotic expansion of the canonical metric near the boundary divisor. (Received February 04, 2013)