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**Weiyong He\*** ([whe@uorcon.edu](mailto:whe@uorcon.edu)), Eugene, OR 97403. *Sasaki-Einstein manifolds.*

We study the geometry of quasi-regular Sasaki-Einstein metrics. With suitable assumption, we study the geometry of holomorphic line bundles (anti-canonical bundle) on the corresponding Fano orbifold. Donaldson-Sun recently proved the partial  $C^0$  estimate for Kahler-Einstein metrics on Fano manifold (a conjecture by G. Tian).

As an extension, we prove a version of such partial  $C^0$  estimate for quasi-regular Sasaki Einstein metrics. A new ingredient is the  $S^1$  equivariant Gromov-Hausdorff limit for quasi-regular Sasaki-Einstein metrics. (Received August 26, 2014)