## A REPORT FOR THE PAPER "FANO MANIFOLDS WITH NEF TANGENT BUNDLES ARE WEAKLY ALMOST KE"

Let X be a Fano manifold with nef tangent bundles. Campana-Peternell conjectured that X is a rational homogeneous manifold. In particular, it admits conjecturely a Kähler-Einstein metric. The paper under rewiews prove that X possesses approximate Kähler-Einstein metrics, in a weak sense. As an application, the author proved some stability and a Guggenheimer-Yau-Bogomolov-Miyaoka inequality of X under some reasonable assumptions.

The paper is very interesting and provides a new approach to study the Fano manifolds with nef tangent bundles. It gives also more evidences for the Campana-Peternell conjecture. Therefore, I strongly recommend it for publication.

Let me now describe some minors typos that I discovered while reading the paper:

1. In the statement of Thm 1.1, could you give more precise meaning of "converges weakly to T as  $\epsilon \to 0$  uniformly for all T".

2. In page 4, line -7,  $\omega_{\epsilon}^{n-1}\omega_{\epsilon}^{n-1}$  should be replaced by  $\omega_{\epsilon}^{n-1}$ .

3. In the page 4, line -4, under the assumption  $(**)^p$ , it seems that the second inequalative can be more precisely taken as an equality, namely

$$\cdots \lim_{\epsilon \to 0} \frac{1}{n} \int_X \sum_{j=1}^r \rho_{n-r+j,\epsilon} \omega_{\epsilon}^n = \lim_{\epsilon \to 0} \frac{r}{n^2} \int_X \sum_{j=1}^n \rho_{j,\epsilon} \omega_{\epsilon}^n \cdots$$