

1132-55-25

**Renaud Detcherry\*** (renaud.detcherry@gmail.com), MI , and **Effie Kalfagianni**.

*Turaev-Viro invariants and Gromov norm.*

The Turaev-Viro volume conjecture of Chen and Yang states that the asymptotics of the Turaev-Viro invariants of a 3-manifold predicts its hyperbolic volume. We show a compatibility between Turaev-Viro invariants and JSJ-decomposition and get an inequality relating Turaev-Viro invariants and volume. (Received June 24, 2017)