

## Abstract

We look at the structure of the LEEA for graviton in the closed string theories. We pick up geometries on which the perturbative world-sheet corrections are the dominant corrections to the Hilbert-Einstein action. These includes some dyons, in the toroidally compactified heterotic string theories, which have a statistical entropy associated to them. We utilise the entropy formalism and we show that the leading corrections to the modified Hawking-Bekenstein entropy is in agreement with the statistical entropy.