

Abstract Submitted  
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**Probabistic Aspect of Gravity** SHANTILAL GORADIA, Gravity Research Institute, Inc — We postulate that every particle has a Planck size quantum mouth it stretches to interact with other particles, making all interactions between quantum mouths and the probability of an interaction between two particles is inversely proportional to the square of the statistical number of Planck lengths separating the particles [1], linking entropy, fine-structure constant and cosmological constant, explaining quantum tunneling, dark energy and some other issues consistent with some great minds. This was presented at the “Concepts of Entropy and Their Applications” conference in Melbourne, Australia on Dec 29, 2007. The natural logarithm connects the statistical entropy to thermodynamic and makes it consistent with the observed expansion of the universe with Hubble constant. [1] <http://www.arXiv.org/physics/0210040>

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