

AN OPEN QUESTION

RYOKICHI TANAKA

Question 0.1. Let Γ be a non-elementary word hyperbolic group and μ be a (non-degenerate) probability measure on Γ . When is the corresponding harmonic measure (family) ν_μ *doubling* on the boundary $\partial\Gamma$ with respect to the boundary metric? Is the exponential moment condition on μ sufficient to ensure it?

MATHEMATICAL INSTITUTE, TOHOKU UNIVERSITY, SENDAI, JAPAN

E-mail address: `rtanaka@m.tohoku.ac.jp`