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Hee Oh* (heehoh@math.brown.edu). *Sphere packings and conformal metrics.*

Given a conformal metric on an open subset of the n -dimensional Euclidean space, we describe the local asymptotic distribution of a sphere packing invariant under geometrically finite hyperbolic groups. Concrete examples include many natural sphere packings of hyperbolic manifolds. (Received February 11, 2011)