

1072-20-100

Pallavi Dani* (pdani@math.lsu.edu) and **Anne Thomas**. *Divergence in right-angled Coxeter groups*.

The divergence of a pair of geodesics emanating from a point in a metric space is a measure of how quickly they are moving away from each other. Gersten used this idea to define a quasi-isometry invariant for groups. I will talk about joint work with Anne Thomas on divergence in the class of right-angled Coxeter groups. (Received June 22, 2011)