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Molly A Moran* (mamoran@uwm.edu). *Metrics on CAT(0) Boundaries.*

An example of Croke and Kleiner shows that CAT(0) group boundaries are not well-defined. That is, a CAT(0) group can have two non-homeomorphic boundaries. Thus, one might hope to study CAT(0) boundaries from a geometric or analytic standpoint, since a purely topological approach is insufficient. However, there is no “natural” metric on the boundary. We will discuss potential metrics that could be used along with some of their properties. (Received September 10, 2014)