

1047-53-405

Jeremy Wong* (jwong@math.uga.edu), Department of Mathematics, University of Georgia,
1023 D.W. Brooks, Athens, GA 30602. *Collapsing manifolds-with-boundary*. Preliminary report.

We will discuss the appearance of a lower Alexandrov curvature bound for the limit of a sequence of manifolds-with-boundary, themselves having no lower Alexandrov curvature bound. In the process, we introduce a natural generalization of the notion of submetry between metric spaces. (Received February 02, 2009)