1176-54-139   **Logan Higginbotham*** (`lhigginbotham@campbell.edu`) and **Kevin Sinclair**. *Bounded Scale Measure and Property A.*

We introduce a generalization for bounded geometry that we call bounded scale measure. Unlike bounded geometry, bounded scale measure is invariant to coarse equivalences. Property A has been defined for uniformly locally finite metric spaces but is hard to generalize to non-metrizable spaces due to the bounded geometric condition imposed from the definition of Property A. We provide a new definition for property A for large scale spaces with bounded scale measure instead. This generalization of Property A is a coarse invariant. Further, any uniformly locally finite metric space that has Property A will also have Property A by the new definition showing that the new definition is indeed a generalization. (Received January 19, 2022)