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**Charlie R Beil\*** ([charlie.beil@bristol.ac.uk](mailto:charlie.beil@bristol.ac.uk)), School of Mathematics, University of Bristol, University Walk, Bristol, Bristol BS8 1TW. *Noncommutative desingularization of nonnoetherian singularities.*

Nonnoetherian singularities with finite Krull dimension arise naturally as the centers of certain quiver algebras, such as dimer algebras. I will introduce the ‘geometric dimension’ of a point, and show how this notion enables such singularities to be viewed geometrically as algebraic varieties with positive dimensional points. I will then describe how the quiver algebras themselves may be viewed as noncommutative desingularizations of their centers, where projective dimension and ‘geometric codimension’, rather than height, coincide. (Received February 10, 2014)