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Ralph R Gomez* (rgomez1@swarthmore.edu), Swarthmore, PA 19081. *On Certain Examples of 2-connected Quasiregular Sasaki-Einstein Manifolds in Dimension Seven.* Preliminary report.

In this talk, we discuss new examples of 2-connected seven dimensional Sasaki-Einstein manifolds realized as links of isolated hypersurface singularities for which some homology information can be obtained. This is done by using a valid case of Orlik's conjecture regarding homology groups of links. These examples pull from the extensive list due to J.Johnson and J.Kollár of Fano Kähler-Einstein orbifolds in weighted projective 4-space. (Received February 11, 2014)