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**William Wylie\*** ([wylie@math.upenn.edu](mailto:wylie@math.upenn.edu)), Department of Mathematics, David Rittenhouse Laboratory, 209 South 33rd Street, Philadelphia, PA 19104, and **P Petersen**. *On the classification of gradient Ricci solitons and Quasi-Einstein manifolds.*

Gradient Ricci solitons and Quasi-Einstein metrics are generalizations of Einstein manifolds and appear as singularity models in Ricci flow. In this talk I will discuss various conditions of curvature and symmetry that allow us to classify these objects. (Received August 25, 2009)