

1106-53-2436

Jeffrey Jauregui*, jaureguj@union.edu. *Symmetries of generalized Ricci solitons*. Preliminary report.

Gradient Ricci solitons have a number of significant generalizations, including almost Ricci solitons, static metrics, and quasi-Einstein metrics. I will discuss results on the symmetries of such objects, particularly on how symmetries of the potential function relate to symmetries of the underlying geometry. (Received September 16, 2014)