Math 258 - Differential Geometry Seminar

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Rigidity of Homogeneous Gradient Soliton Metrics and Related Equations

Abstract:
This is joint work with Will Wylie. The goal is to classify, if possible, the homogeneous geometric solitons. Here a geometric soliton is the soliton for a geometric flow. The Ricci flow is the most prominent example of such a flow, but there are many others where the Ricci tensor is replaced with some other tensor that depends in a natural way on the Riemannian structure. We will also consider some more general problems showing that our techniques can be used for other geometric problems.

Host: Lei Ni

Wednesday, April 28, 2021
11:00 AM
Zoom with ID 917 6172 6136