

1139-54-534

Marla Williams* (marla.williams@huskers.unl.edu). *Trisecting an S^2 bundle over $\mathbb{R}P^2$* . Preliminary report.

This talk will look at a construction for trisections (and trisection diagrams) of surface bundles over surfaces, with a particular focus on an S^2 bundle over $\mathbb{R}P^2$. For this example, the construction yields a known trisection diagram for spun $\mathbb{R}P^3$. (Received February 19, 2018)