

1096-05-1585

**Dennis W. Hall\*** (dhal115@lsu.edu), 303 Lockett Hall, Department of Mathematics, Louisiana State University, Baton Rouge, LA 70803. *A Characterization of Tangle Matroids.*

Tangles are used to identify the highly connected parts of graphs and matroids. Given a matroid and a tangle, we can define an associated tangle matroid. This talk gives a new characterization and several structural results for tangle matroids. (Received September 16, 2013)