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Dennis W Hall* (dhall115@math.lsu.edu). *Unavoidable minors for connected 2-polymatroids.*

It is well known that, for any integer n greater than one, there is a number r such that every 2-connected simple graph with at least r edges has a minor isomorphic to an n -edge cycle or $K_{2,n}$. This result was extended to matroids by Lovász, Schrijver, and Seymour who proved that every sufficiently large connected matroid has an n -element circuit or an n -element cocircuit as a minor. In this talk, we generalize these theorems by providing an analogous result for connected 2-polymatroids. (Received January 25, 2012)