Tyler Moss* (jmoss11@math.lsu.edu). A minor-based characterization of matroid 3-connectivity.

It is well known that a matroid is 2-connected if and only if every 2-element set is contained in a circuit, or equivalently, a $U_{1,2}$-minor. This talk will give an analogous result for matroid 3-connectivity. (Received January 05, 2012)