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**Tyler Moss\*** ([jmoss11@math.lsu.edu](mailto: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)