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Guoli Ding, Sooyeon Lee and Haidong Wu* (hwu@olemiss.edu). *Variations of Some Chain Theorems for Matroids*. Preliminary report.

Coullard and Oxley proved a variation of Tutte's Wheels and Whirls theorem for 3-connected matroids. We prove similar variations of some chain theorems for higher connected matroids. (Received February 12, 2018)