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**Deborah A Chun\*** ([dchun@math.lsu.edu](mailto:dchun@math.lsu.edu)), 303 Lockett Hall, Department of Mathematics, Louisiana State University, Baton Rouge, LA 70803-4918. *Elements in unavoidable minors of 3-connected binary matroids*. Preliminary report.

Ding, Operowski, Oxley, and Vertigan proved that every sufficiently large 3-connected, binary matroid has as a minor a large binary spike, or, for a large  $n$ , the cycle or bond matroid of an  $n$ -spoked wheel or  $K_{3,n}$ . We discuss what can be said when one seeks to keep a specified element in one of the special minors. (Received September 21, 2009)