1138-05-148Tara Fife* (tfife2@lsu.edu), Louisiana St Univ, Baton Rouge Department of Mathematics,
Field House Dr, Baton Rouge, LA 70803-4918, and Dillon Mayhew, James Oxley and Charles
Semple. Unbreakable Biased Matroids. Preliminary report.

A Matroid M is unbreakable if M/F is connected for all flats F of M, or equivalently, if the dual of M has no two skew circuits. Pfeil showed that the only simple graphic matroids that are unbreakable are the cycle matroids of complete graphs and cycles. This talk extends this result to the matroids of biased graphs. (Received February 07, 2018)