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D. Christopher Stephens* (chris.stephens@mtsu.edu), 1301 East Main Street, Murfreesboro, TN 37132. *An analog for linklessly embeddable graphs of a theorem of Tutte.*

One concept which aids in the investigation of planar graphs is the extra layer of “nearness” provided by the plane embedding (e.g., two vertices may be said to be “near” one another if they share a face, regardless of their graphical distance).

Another helpful concept is the Jordan Curve Theorem and the exploitation of separating cycles.

In this talk we attempt to generalize these ideas to linklessly embeddable graphs by proving an analog to a theorem of Tutte. (Received August 11, 2015)