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**Katie Tucker\***, katherine.tucker@huskers.unl.edu. *Computational methods applied to local moves on knots.*

A (tame) knot is the image of a smooth embedding  $S^1 \hookrightarrow S^3$ , and two knots are considered equivalent if they are equivalent under isotopy. A local move on a knot, however, disregards isotopy to replace a tangle in the knot diagram with another tangle. In this talk we examine new computational methods for examining the effects of local moves on knots and links. (Received September 25, 2018)