Rhea Palak Bakshi, Dionne Ibarra, Gabriel Montoya-Vega, Jozef Przytycki and Deborah Weeks* (deweeks@gwu.edu), The George Washington University, Washington, DC 20052. Changing Framings of Links Requires Non-Separating S².

Extending the work of McCullough and Chernov, the conditions under which the framing of a link can be changed via ambient isotopy are examined. A change in framing can only be accomplished via the Dirac trick in a manifold with a properly embedded non-separating S^2 . Due to the invariance of spin structure and the parallelizability of every compact oriented 3-manifold the framing of a knot can only change by an even power. (Received February 25, 2020)