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Rachel Marie Harris* (rachel.harris@ttu.edu), 1108 Memorial Circle Drive, Department of Mathematics and Statistics, Texas Tech University, Lubbock, TX 79410. *Developing a software for skein computations in knot complements*. Preliminary report.

Skein manipulations prove to be computationally intensive because of the exponential nature of the skein relations. The purpose of this work is to construct an automated tool that would generate a library of examples for testing conjectures in Chern-Simons theory. (Received February 11, 2020)