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Christian Millichap, OK, **Neil Hoffman*** (neil.r.hoffman@okstate.edu), 810 S Kings Street, Stillwater, OK 74074, and **William Worden**. *Symmetries and Hidden Symmetries of (ϵ, d_L) -Twisted Knot Complements*.

This project introduces a new notion (ϵ, d_L) -twisted knot complement, which can be thought of as a “sufficiently large” Dehn filling of a link. Although it is somewhat specialized, these knot complements are “close enough” to their Dehn surgery ancestor so that covering maps involving the knot complements define a restricted covering map involving the ancestor. We add precision to the statements above and describe how this process works with an eye towards quantifiable results in this direction. (Received September 03, 2019)