

1094-57-103

Kristen Hendricks* (hendricks@math.ucla.edu), UCLA Department of Mathematics, 520 Portola Plaza, 6363 Math Sciences Building, Los Angeles, CA 90095. *Localization and the link Floer homology of doubly periodic knots.*

We construct localization spectral sequences for the link Floer homology of doubly-periodic knots, and discuss how they give a simultaneous generalization of two classical results of Kunio Murasugi and Allan Edmonds concerning, respectively, the Alexander polynomial and genus of the knot. (Received August 14, 2013)