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**Kristen Hendricks\***, hendricks@math.ucla.edu. *Spectral sequences for 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. We give an example of a knot  $\tilde{K}$  which is not obstructed from being two-periodic with specific quotient knot  $K$  by Edmonds' and Murasugi's conditions, but for which our spectral sequences cannot exist. (Received January 28, 2014)