

1135-57-2392

J. Elisenda Grigsby* (grigsbyj@bc.edu), **Anthony M. Licata** and **Stephan M. Wehrli**.

Annular Khovanov-Lee theory, representation theory, braids, and cobordisms.

I will survey the ways in which key representation-theoretic features of the annular Khovanov-Lee theory of braid closures give information about the surfaces they bound in the 4-ball as well as their dynamics when viewed as mapping classes of the punctured disk. (Received September 26, 2017)