

1060-57-212

Daniel Krasner*, 17 Gauss Way, Berkeley, CA 94720, and **Ben Elias**, 2990 Broadway Ave, New York, NY 10027. *Graphical calculus of Soergel bimodules in Khovanov-Rozansky link homology.*

I will outline a graphical calculus of Soergel bimodules, developed by B. Elias and M. Khovanov, and describe how it can be used to construct an integral version of $\mathfrak{sl}(n)$ and HOMLFYPT link homology, as well as prove functoriality of the latter. (Received March 30, 2010)