

1084-05-259

**Jacob Anthony White\***, 2606 Westwood Main Drive, Bryan, TX 77807. *Graph operads and associahedra*. Preliminary report.

We investigate the notion of operad in the category of graphical species. Moreover, we show how graph associahedra, and graph zonotopes give rise to operads, and monoids in graphical species. (Received September 03, 2012)