

1153-57-113

Ramin Naimi* (rnaimi@oxy.edu), 1600 Campus Rd, Los Angeles, CA 90041, and **Ryo Nikkuni, Hedda Zhao** and **N/A N/A**. *n-Flat Graphs*. Preliminary report.

A graph is n -flat if it has an embedding in R^3 in which any n distinct cycles bound disks whose interiors are disjoint from the graph and from each other. Nikkuni and Tsutsumi classified n -flat graphs for $n \geq 2$. This talk will describe their work. Robertson, Seymour, and Thomas classified 1-flat graphs. The case $n=2$ remains open. (Received August 21, 2019)