

1131-34-223

Yunjiao Wang* (wangyx@tsu.edu), 3100 Cleburne, Houston, TX 77004. *Dynamics of Coupled Feedback Loops*. Preliminary report.

Feedback loops are common motifs in biological systems. While the dynamics of a single feedback loop have been extensively studied and well understood, our knowledge on relations between the network structure of coupled feedback loops and their dynamics is very limited. In this talk, we will discuss the dynamics of certain classes of coupled feedback loops and shed light on possible relations. (Received July 15, 2017)