



Topology Seminar at Texas State

When: Tuesday, 2019, September 24, 12:30-1:50 p.m.

Where: ENC 230

Speaker: Dr. Hiro Lee Tanaka

Topic: Morse Theory, Moduli Spaces,
Stack of Broken Lines

ABSTRACT

We'll review the basics of Morse theory, but from the perspective of computing homology of manifolds. We may discuss some Fukaya categorical constructions in case we want to talk more about Aoo-categories. If we go further into the Morse theory construction, I'll discuss one of the main players: A stack of broken lines, or the stack of Morse trajectories on a point.