



Speaker: Jan-Li Lin
University of Notre Dame

Thursday, February 20, 2014
2:00 PM
258 Hurley Hall

Title: Rationality of Rotation Numbers for elements of Thompson's Group T

Abstract:

The group T was defined by Richard Thompson in 1965. It is a group of homeomorphisms of the circle. It is shown by E. Ghys and V. Sergiescu in 1987 that the rotation number of any element of this group is rational, and that every rational number is achieved. However, their proof is very indirect. In this talk, I will present a combinatorial, more direct proof. This is joint work with Jeff Diller.