Some Unitary Representations of R. Thompson’s Groups F and T

Thompson’s groups are groups of piecewise linear homeomorphisms of the interval and circle where all the non-smooth points are dyadic rationals and all the slopes are powers of 2. By thinking of the group as local scaling transformations of a quantum chain one obtains unitary representations. The matrix entries of these unitaries can be interesting and lead to a construction of all knots and links analogous to the well known construction via closed braids.

Light Refreshments will be served at 12:30pm in E424A.