1131-20-311   **Robin Tucker-Drob*** (`rtuckerd@math.tamu.edu`), Mailstop 3368, Texas A&M University, College Station, TX 77843-3368. *Approximations of standard equivalence relations and Bernoulli percolation at the uniqueness threshold.*

I will discuss approximation of equivalence relations by subrelations, with applications to the behavior of the Bernoulli percolation on Cayley graphs at the uniqueness threshold. This is joint work with Damien Gaboriau. (Received July 17, 2017)