1026-11-160   **Benjamin Hutz*** (`benhutz@math.brown.edu`), Box 1917, Brown University, Providence, RI 02912. *Arithmetic Dynamics on Projective Varieties: Reduction of Periodic Points.*

In this talk we will examine how information about the dynamical system modulo a prime can yield information about the dynamical system and obtain an upper bound on the number of periodic points that also depends on good reduction properties. (Received February 25, 2007)