

Speaker: Liang-Chung Hsia

Title: Unlikely intersection in dynamics

Abstract: In this talk, I first review some recent developments on the problem of unlikely intersection in dynamical systems which arise from iterations of one-parameter family of rational functions. Then, we consider dynamical systems given by families of polynomials which are parameterized by algebraic points in the affine m -space \mathbb{A}^m and some results on unlikely intersection problems will also be discussed.