

Philadelphia Area Number Theory Seminar

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Conjectures in Arithmetic Dynamics

Abstract: In this mostly expository talk I will introduce some of the big central open problems in the area of arithmetic dynamics which are motivated by comparable conjectures and theorems from the arithmetic of elliptic curves. I will then focus in on a conjecture formulated by me and several coauthors on S -units in orbits. I will give some evidence for the conjecture and talk about proofs in very special cases.

Thursday, November 5, 2015
2:40–4:00PM

Bryn Mawr College
Department of Mathematics
Park Science Center **328**

Tea and refreshments at 2:20PM in Park 355