

Philadelphia Area Number Theory Seminar

Robert Grizzard
Lafayette College

Multiplicative approximation and generalized Lehmer problems

Abstract: We'll recall what the Weil height is, and how it can be viewed as a norm on the multiplicative group. We'll then explain some approximation results in this norm from a recent joint work with J.D. β with norm

if an algebraic point is "close" to points of some field, a power of it is already defined over that field; this can be made