

Philadelphia Area Number Theory Seminar

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Zeros of Eisenstein Series and Weakly Holomorphic Forms

Abstract: When given a complex function, one of the most natural questions is that of the locations of the zeros. For form is
er, most modular forms have many zeros inside a fundamental
is known about the zeros of a general form, there have been
cyclic forms or families of forms. In these talks, we discuss the
and Swinnerton-Dyer about the zeros of Eisenstein series and of
about certain weakly holomorphic modular forms. Specifically,
that all of the zeros lie on the unit circle.

Thursday, September 24, 2015
Thursday, October 1, 2015
2:40{4:00PM

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tea and refreshments at 2:20PM in Park 355