Philadelphia Area Number Theory Seminar

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Dedekind Symbols

Abstract: Dedekind sums are closely related to a variety of objects ranging between geometry and number theory; the discriminant form, linking numbers of modular geodesics, signature defects of 3-dimensional Lens spaces, . . .

I will discuss a construction of Dedekind sums for cofinite Fuchsian groups, and what is known about them (statistics, reciprocity and geometrical interpretation).

Wednesday, April 19, 2017
2:40–4PM

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

Tea and refreshments at 2:20PM in Park 355