K-Theory, Quadratic Forms and Number Theory Seminar

Dr. Masha Vlasenko (MPIM, Bonn)

will speak on

Computation of an asymptotics related to Nahm's conjecture

Wed 3rd November 2010 at 3:00PM

Location: Mathematical Sciences Seminar Room

We consider certain functions $F_{A,B,C}$ in the upper half-plane given as a q-series depending on parameters (A, B, C) where matrix with rational entries, B is a rational r-vector and C is a rational number. Several years ago Werner Nahm has form 1, and these triples satisfy Nahm's criterion. For $r = 2$ we have already found a counterexample, hence the criterion shou 1 would have special form and this gives infinite number of polynomial equations on the entries of A and B. However these e

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