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Title: The structure of annihilating polynomials for quadratic forms

Speaker: Mr. Klaas-Tido Ruehl (EPFL)

Date: Wed 11th February 2009 at 4:00PM

Location: Mathematical Sciences Seminar Room

Abstract: Let R[X] be the polynomial ring in one variable over a principal ideal domain R. For any given ideal I in R[X

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is possible to construct a set of generators $P_1, ..., P_r with certain nice properties. We apply and refine the$
$0 is the minimal natural number such that mQ lies in I, we can furthermore use m to deduce an upper bound$