

Harvard-M.I.T. Algebraic Geometry Seminar

LATTICE BASIS IDEALS, PRIMARY DECOMPOSITION AND HYPERGEOMETRIC FUNCTIONS

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Abstract:

Lattice basis ideals are certain complete intersections generated by binomials. The multiplicities of the minimal primes of their initial ideals are of particular interest, and can be computed explicitly in the case of codimension 2. I will explain how these multiplicities are found, and their relevance to the study of bivariate hypergeometric functions.

Tuesday, September 24

3:00 p.m.

MIT Room 4-370

<http://www-math.mit.edu/~jstarr/02sem/>.