Front Range Algebra, Geometry and Number Theory Seminar

Approximations of Nagata's conjecture

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In the first hour I will introduce root systems and the Weyl group action on the blown up projective space, classical interpolation problem and related conjectures. In the second hour I will construct a degeneration of the projective plane to get close rational approximations of Nagata's conjecture for any number of points. I will explain generalizations to any dimension.

Thursday April 7th 2011
3:00-5:00 p.m.
Weber 201