



Speaker: Rodrigo Perez
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Tuesday, May 3, 2011
11:00 AM
258 Hurley Hall

Title: A brief but historic article of Siegel

Abstract:

In this talk I will explain what small denominator problems are, why are they difficult, and why are they important in celestial mechanics and dynamical systems. Then I will guide the audience through the first solution of a small denominator problem. Siegel's result spanned 6 pages in the October 1942 issue of the *Annals* has been hailed as "one of the landmark papers of the twentieth century."