

Meeting: 998, Houston, Texas, SS 1A, Special Session on Graph Theory and Combinatorics

998-05-326 **Enrique Reyes*** (ereyes@math.cinvestav.mx). *Using Graphs in the Binomial Set Complete Intersections*. Preliminary report.

It is a well known fact that in positive characteristic, the toric ideal of any curve is a Binomial Set Complete Intersection. In this talk we will use graph theory to characterize when a toric ideal is a Binomial Set Complete Intersection when the base field is of characteristic zero. (Received March 01, 2004)