



ID de Contribution: 16

Type: Non spécifié

## Milnor numbers of projective hypersurfaces and the chromatic polynomial of graphs

*lundi 22 juin 2015 14:00 (50 minutes)*

I will give an overview of a proof of a conjecture of Read that the coefficients of the chromatic polynomial of any graph form a unimodal sequence. There are two main ingredients in the proof, both coming from works of Bernard Teissier: The first is the idealistic Bertini for sectional Milnor numbers, and the second is the isoperimetric inequality for mixed multiplicities of ideals.

**Orateur:** M. HUH, June (Princeton)

**Classification de Session:** Afternoon session