## SEMINARIO DE GEOMETRÍA ALGEBRAICA

Martes 20 de mayo de 2008, 14:00, Seminario 238

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Impartirá la conferencia

## Resonance varieties and Max Noether Fundamental Theorem

Summary: Back in 1873 Max Noether stated his Fundamental Theorem according to which, a plane algebraic curve H can be written as a linear combination of F and G if and only if H satisfies certain local conditions at the intersection of F and G. Using the recently described connection between resonance varieties and pencils of curves, we give a new version of this Fundamental Theorem, where the Max Noether conditions are relaxed.