Seminario:

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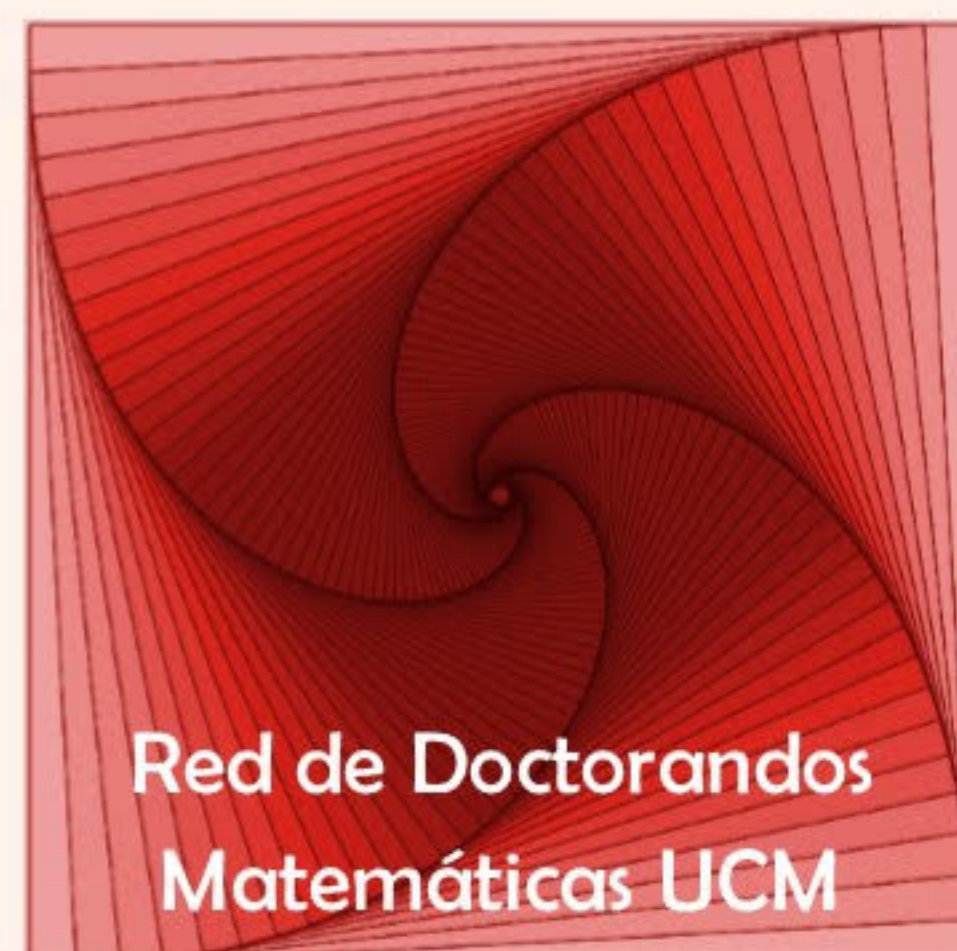
On Tjurina number of plane curve singularities

I will present some topics and calculations about the Tjurina number of a plane curve singularity. This is part of the main object of study of my Thesis in progress. The principal motivation is a question posed by A. Dimca and G.M. Greuel in 2017 which gives a surprising relation between two of the main invariants of plane curves singularities: Milnor number, of topological nature, and Tjurina number, of analytical nature. I will also present a partial answer to this question in the case of semi-quasihomogeneus singularities (joint work with G. Blanco) which constitute a new hope to achieve a positive answer to Dimca and Greuel's question in the general case.

JUEVES, 4 DE OCTUBRE DE 2018, 16:30H

AULA MIGUEL DE GUZMÁN, UCM MATEMÁTICAS

Colaboran:

Instituto de Matemática Interdisciplinar