
SEMINARIO

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Study of the algebraic integrability of plane foliations by their extension to Hirzebruch surfaces

Abstract: We consider foliations with isolated singularities on the complex plane and determine some necessary conditions for them to admit a rational first integral. These criteria are based on data obtained from the resolution of dicritical singularities of the extended foliation to Hirzebruch surfaces.

This is a joint work with C. Galindo and F. Monserrat.

Seminario IMUVA. Edificio LUCIA.

17 de Diciembre de 2021 (12:00)

Organiza: GIR SINGACOM

