



Instituto Universitario de Investigación
de Matemáticas
y Aplicaciones
Universidad Zaragoza



Departamento de
Matemáticas
Universidad Zaragoza



Facultad de Ciencias
Universidad Zaragoza

Seminario Rubio de Francia

Conferencia

por

Eriko Hironaka

Florida State University

Título:

Equalizer of fundamental group vs fundamental group of equalizer

Resumen: Are these the same? This question is equivalent to a question in complex dynamical systems that asks: given two quadratic rational maps (or degree two surjective morphisms from the complex projective line onto itself) marked with the same combinatorial and dynamical covering data, can they always be continuously deformed one into the other while preserving the structure? In this talk we discuss the problem of equalizers and fundamental groups, and what it reveals about deformations of rational maps that preserve dynamics.

Fecha: Martes, 11 de noviembre de 2025.

Hora: 13:10 horas.

Lugar: seminario Rubio de Francia, edificio de Matemáticas, primera planta.

Web: <http://anamat.unizar.es/seminario.html>