

CURSO DE DOCTORADO



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Introduction to intersection theory and characteristic classes for singular varieties

Abstract:

We will give a motivated introduction to Fulton-MacPherson intersection theory, with emphasis on the notion of Segre class. We will focus on techniques for computations of these classes in template situations such as blow-ups and excess and residual intersection formulas. We will discuss applications of these notions to enumerative geometry and to the definition and computation of characteristic classes generalizing to singular varieties standard invariants such as Chern classes of nonsingular varieties.

Schedule:

- Monday 4 Nov: 17:00-18:30 Chern and Segre classes
- Tuesday 5 Nov: 17:00-18:00 Enumerative geometry and intersection theory
- Wednesday 6 Nov: 17:00-18:00 Segre classes and Newton polytopes
- Thursday 7 Nov: 17:00-18:30 Characteristic classes of singular varieties

Seminario IMUVA. Edificio LUCIA
Lunes 4 de Noviembre de 2019 (17:00)
Organiza: GIR SINGACOM

