

Universidad Complutense de Madrid
Facultad de Ciencias Matemáticas
Departamento de Álgebra

Teléfono: 91 394 45 70, Fax: 91 394 46 62
Correo electrónico: Algebra@mat.ucm.es

SEMINARIO DE GEOMETRÍA ALGEBRAICA

Lunes 23 de Junio de 2008, 11:00, Seminario 238

Insong Choe

Konkuk Univ., South Korea

Impartirá la conferencia

Subbundles and secant spaces of ruled varieties

Summary. Let E be a vector bundle on a curve. The Segre invariant measures the degree of stability of E . For bundles of rank 2, Lange and Narasimhan found a way to describe the Segre invariants in terms of secant varieties of the curve. In this talk, we explain how to generalize this classical result to bundles of arbitrary rank. Basically, the secant spaces of the curve should be replaced by those of some subvariety of a ruled variety. This is a joint work with George Hitching.