SEMINÁRIO DE GEOMETRIA

Dia 2 de Março (sexta-feira), às 13h30, sala 6.2.33

Intersection theory in a nearly-smooth complex space

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Abstract: We shall explain how the classical intersection theory of cycles in a complex manifold is generalized to an ambient nearly smooth complex space. A key point is the local moving lemma for cycles in a complex manifold. The new phenomenon is the fact that the intersection multiplicity of two integral cycles may be a rational not integral number in this context.

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