



Mês de: Maio 2011

SEMINÁRIO EXTRAORDINARIO

(PROGRAMA ERASMUS)

Dia 3 de Junho (sexta-feira), às 16h30, na Sala B1-01

“Transitive actions on infinite dimensional manifolds”

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Abstract:

We present properties of transitive actions on infinite dimensional manifolds, together with several examples where the acting groups are the group of diffeomorphisms of a compact manifold and some of its subgroups: the group of Hamiltonian diffeomorphisms, the group of (exact) volume preserving diffeomorphisms and the group of diffeomorphisms preserving pointwise a submanifold. We apply these results to coadjoint orbits of (central extensions of) diffeomorphism groups and to dual pairs of momentum maps.

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