Universitat de Barcelona
Departament d'Àlgebra i Geometria

SEMINARI DE GEOMETRIA ALGEBRAICA 2004-05

Dijous, dia 21 d'Abril
Aula B7. Facultat de Matemàtiques

15:00 *Almost complex manifolds and hyperbolicity*
S. Kobayashi
University of Berkeley (EEUU)

Resum. Since almost complex manifolds always admit many (pseudo-)holomorphic curves, it makes sense to talk about their intrinsic distance and hyperbolicity. Certain results from the complex case easily extend to the almost complex case. However, there are many results whose generalizations to the almost complex case are non-trivial or unknown. I will explain some of these problems.