ANALYSIS SEMINAR

A REFLEXIVE BANACH
WHICH IS UNIVERSAL FOR
UNIFORMLY CONVEX SPACES

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Thursday, March 24, 2005, in Room 331 at 3:00 pm

Abstract: *In 1980 J. Bourgain proved that a Banach space which contains (isomorphically) all reflexive separable Banach spaces must contain C[0,1] and, thus, such a space must contain all separable spaces. He asked whether or not there exists a reflexive space which contains all uniformly convex spaces. We will give an affirmative answer to this question. This joint work with Edward Odell.*