Petr Hájek (Academy of Science of the Czech Republic, Czech Republic)

Title: Smooth Dunford Pettis property

Abstract: We outline the theory of uniformly differentiable mappings from L_∞ spaces. One of the main results is that every uniformly differentiable and weakly compact mapping from the unit ball of a L_∞ space into any Banach space sends weakly Cauchy sequences into norm convergent ones.