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**Isomorphisms of Cartesian products and smallness up
to a complemented Banach subspace property**

Abstract

Let $(X_i, Y_i), i = 1, 2$ be pairs of locally convex spaces satisfying $X_1 \times X_2 \cong Y_1 \times Y_2$. In this talk we discuss some conditions under which $X_1 \cong Y_1$ and $X_2 \cong Y_2$. We also mention about the property of smallness up to a complemented Banach subspace and its stability under topological tensor products.

Talk time: 2016-07-18 04:00 PM— 2016-07-18 04:20 PM

Talk location: Cupples I Room 218