İSTANBUL ANALYSIS SEMINARS

UNIFORM FACTORIZATION FOR p-COMPACT SETS OF p-COMPACT LINEAR OPERATORS

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Abstract: Obtaining a factorization of p-compact linear operators via universal Banach spaces, and using the lifting property of quotient maps for p-compact sets, we prove a factorization result for relatively r-compact subsets of p-compact operators, where $r \geq 2$, $1 \leq p \leq r < \infty$. We apply our results to 2-homogeneous polynomials between Banach spaces. This is joint work with Erhan Çalışkan.

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