

Zbl 1031.47048

Oertel, Frank

On normed products of operator ideals which contain \mathfrak{L}_2 as a factor. (English)

Arch. Math. 80, No.1, 61-70 (2003).

<http://dx.doi.org/10.1007/s000130300006>

The author provides criteria, involving the notion of left- resp. right-accessibility of an operator ideal, under which certain product ideals of quasi-Banach operator ideals, containing the Banach operator ideal of all 2-factorable operators as a factor, cannot be normed.

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Keywords : normed products of operator ideals; left accessible operator ideals; 2-factorable operators; right-accessible operator ideals

Classification :

*47L20 Operator ideals

46M05 Tensor products of topological linear spaces

46A32 Topological linear spaces of linear operators, etc.

46B07 Local theory of Banach spaces