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ON SOME RESULTS ON STABILITY OF
 $b_{\tilde{X}}$ -ATOMIC DECOMPOSITION

Abstract

In the paper, as the generalization of atomic decomposition in Banach space with respect to Banach space of scalars sequences, we introduce the notion of b -atomic decomposition in Banach space with respect to Banach space of vectors sequences and study its stability and obtain the results on stability of b -atomic decomposition. Some results obtained in the paper are the generalizations of appropriate known results on stability of atomic decomposition in Banach spaces.