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ON PERTURBATION OF b -BASIS IN BANACH
SPACES WITH RESPECT TO CB -SPACE

Abstract

In the paper, the perturbation of b -basis in Banach spaces is studied. The notion of CB -spaces and b -Bessel basis in Banach space with respect to CB -space are introduced. Theorems on perturbation of b -Bessel basis in Banach space with respect to CB -space are set up. In particular, the known theorem on the Riesz basis is generalized.