

On \tilde{X} -frames and conjugate systems in Banach spaces

Miqdad Ismailov^a, Afet Jabrailova^b

*^aDepartment of Non-harmonic Analysis, ^bDepartment of Functional Analysis,
Institute of Mathematics and Mechanics of NAS of Azerbaijan, Azerbaijan*

^amiqdadismailov1@rambler.ru, ^bafet.cebrayilova@mail.ru

Abstract: The generalization of p-frame in Banach spaces is considered in this paper. The concepts of an \tilde{X} -frame and a system conjugate to \tilde{X} -frame are introduced. Analogues of the results on the existence of conjugate system are obtained. The stability of \tilde{X} -frame having a conjugate system is studied.

Keywords: p-frames, \tilde{X} -frames, conjugate systems to \tilde{X} .

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