ALMOST CONVERGENCE AND GENERALIZED
DIFFERENCE MATRIX

FEYZİ BAŞAR
FATİH ÜNİVERSİTESİ, FEN-EDEBİYAT FAKÜLTESİ,
MATEMATİK BÖLÜMÜ, BÜYÜK ÇEKMECE KAMPÜSÜ,
İSTANBUL-34500/TÜRKİYE

Abstract. Let \( f \) denotes the space of almost convergent sequences, and \( \hat{f} \) also be the domain of the generalized difference matrix \( B(r,s) \) in the sequence space \( f \). The present paper is devoted to studying on the sequence spaces \( \hat{f} \) and \( \hat{s} \). Furthermore, the \( \beta \)- and \( \gamma \)-duals of the space \( \hat{f} \) are determined. Finally, the classes \( (\hat{f} : \mu) \) and \( (\mu : \hat{f}) \) of infinite matrices are characterized and the characterizations of some other classes are also given as an application of those main results.

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