ON SUMMING SEQUENCE SPACES

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Abstract. In this paper, keeping in view the idea of difference sequence space $E(\Delta)$ of Kızmaz [20], we availed an opportunity to introduce new kind of summing squence spaces $E(\nabla)$, $E \in \{\ell_\infty, c, c_0\}$ by exploring the sum of two consecutive terms. In addition to this we computed the continuous as well Köthe-Toeplitz duals of these spaces. Like $E(\Delta)$ (the difference sequence spaces of Kızmaz) new sequence spaces $E(\nabla)$ turned out to be much wider than E.

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