



A NEW INSIGHT INTO DEFERRED STATISTICAL CONVERGENCE IN RANDOM 2-NORMED SPACES

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Abstract. This paper introduces deferred statistical convergence in random 2-normed spaces, extending classical, λ -, and lacunary statistical convergence. Fundamental properties are established, and deferred statistical Cauchy sequences are shown to be equivalent to deferred statistical convergent sequences in this setting. Finally, deferred statistical summability is compared for sequence pairs $\{\alpha(n)\}$, $\{\beta(n)\}$, $\{\gamma(n)\}$, and $\{\vartheta(n)\}$ satisfying $\alpha(n) \leq \beta(n) < \gamma(n) \leq \vartheta(n)$.

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