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WIJSMAN LACUNARY INVARIANT STATISTICAL CONVERGENCE FOR TRIPLE SEQUENCES VIA ORLICZ FUNCTION

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Abstract. In this paper, we generalized the Wijsman lacunary invariant statistical convergence of closed sets in metric space by introducing the Wijsman lacunary invariant statistical $\widetilde{\phi}$-convergence for the sets of triple sequences. We introduce the concepts of Wijsman invariant $\widetilde{\phi}$-convergence, Wijsman invariant statistical $\widetilde{\phi}$-convergence, Wijsman lacunary invariant $\widetilde{\phi}$-convergence, Wijsman lacunary invariant statistical $\widetilde{\phi}$-convergence for the sets of triple sequences. In addition, we investigate existence of some relations among these new notations for the sets of triple sequences.

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