

A FEW NOTES ON THE DEFERRED STATISTICAL CONVERGENCE OF SEQUENCES IN g -METRIC SPACE WITH QUATERNION VALUES

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ABSTRACT. We introduce the notions of deferred strong Cesàro summability and deferred statistical convergence to quaternion-valued g -metric spaces in this study. We study the relationships that exist in these spaces between deferred statistical convergence and deferred strong Cesàro summability. In addition, we present and discuss the ideas of deferred invariant statistical convergence, strongly deferred invariant convergence, and deferred invariant convergence inside quaternion-valued g -metric spaces.

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