



## SOME RESULTS ON ROUGH IDEAL CONVERGENCE OF TRIPLE SEQUENCES IN GRADUAL NORMED LINEAR SPACES

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**Abstract.** In the present article, we introduce and investigate the concept of  $\mathcal{I}_3$  and  $\mathcal{I}_3^*$ –convergence for triple sequences in gradual normed linear spaces (briefly GNLS). We examine some fundamental features and the interrelationships between the notions. Also, for a roughness degree  $r \geq 0$ , we introduce and investigate  $\mathcal{I}_3^r$  and  $\mathcal{I}_3^{*,r}$ –convergence concepts for triple sequences in GNLS.

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