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 $I_3$ and $I^*_3$—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 $I^{r}_3$ and $I^{*,r}_3$—convergence concepts for triple sequences in GNLS.

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