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An approach to neutrosophic soft rough set and its properties

Rough Set Theory | An Introduction - GeeksforGeeks

Molodtsov's soft set theory is a newly emerging mathematical tool to handle uncertainty. However, the classical soft sets are not appropriate to deal with imprecise and fuzzy parameters. This paper aims to extend the classical soft sets to hesitant fuzzy soft sets which are combined by the soft sets and hesitant fuzzy sets.

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Soft Covering Based Rough Sets and Their Application

Soft rough sets are also associated with generalized rough sets based on covering or binary relation. Next, we consider

the relationship between soft rough sets and generalized rough sets based on binary relation $\mathcal{R}, \mathcal{R}^+, \mathcal{R}^-$. Let $R \subseteq U \times U$ be a binary relation on U without any additional constraints.

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Other areas of interest that can be applied in today's world will also be accepted, such as learning theory, probability theory, hybrid methods, and rough sets. The applications of soft computing methods/techniques in computer science, engineering, manufacturing, supply chain, logistics, bio-medicine, healthcare, data analysis, and big data analytics are also welcome.

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