

عنوان مقاله:

(α, β) -CUT of intuitionistic fuzzy normed ideals

محل انتشار:

نشریه گسترش مجموعه فازی و کاربردهای آن، دوره 4، شماره 4 (سال: 1402)

تعداد صفحات اصل مقاله: 10

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خلاصه مقاله:

In this paper, the (α, β) -level sets where α and β are elements in the interval $[0, 1]$ is introduced. Several related properties for (α, β) -cut of intuitionistic fuzzy normed ideals in a normed ring (NR) will be studied and proven. Further, for any two normed rings NR, NR' with a mapping $f: NR \rightarrow NR'$, a relation between the intuitionistic fuzzy normed ideal I of NR and the intuitionistic fuzzy normed ideal $f(I)$ (the image of I) of NR' will be obtained with the support of their (α, β) -level subsets.

کلمات کلیدی:

Intuitionistic fuzzy normed ideals, Level sets, (α, β) -cut, homomorphisms

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