

NOTE ON LOWER AND UPPER APPROXIMATIONS IN A FUZZY GROUP

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In this note we mainly prove that if μ is a fuzzy normal subgroup of a group G and $t \in [0, 1]$ then for every $x \in G$, $[x]_{\mu} = x G_{\mu}^t$. We enumerate and prove eight conditions on μ and λ the fuzzy normal subgroups of a group G . We prove several interesting result in this paper.

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