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TRANSLATES OF VAGUE RINGS AND VAGUE IDEALS

B. NAGESWARARAO[1], P. VAMSI SAGAR[2] AND SRINIVAS[3]
[1] Associate Professor, Department of Mathematics,
Coastal Institute of Technology & Management,
Narapam, Kothavalasa, Vizianagaram Dist., A.P, India
[2] Assistant Professor of Mathematics,
Department of Mathematics, GMRIT, Srikakulam, India
[3] Associate Professor, Department of CSE,
Coastal Institute of Technology & Management,
Narapam, Kothavalasa, Vizianagaram Dist., A.P, India

Abstract

As an abstraction of the geometric notation of translation, we introduce two operators T_{α^+} and T_{α^-} called the vague translation operators. First we define the operators on vague sets and derive some of the properties. Then we investigate their action on vague groups, A vague set $A = (t_A, f_A)$ of a set X, we define a ${}_{(\alpha,\beta)}(A)$ - cut of A is the crisp set $\{x \in X : t_A \geq \alpha, f_A \leq \beta\}$ of E. In this paper some interesting properties of $T_{(\alpha\beta)}$ - cut of A vague ideals of a vague Ring were discussed.

Key Words : *Vague set, Vague ring, Vague ideal, Vague cut - Set or* $T_{(\alpha\beta)}(A)$ *- cut.*

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