

AN ANALYSIS OF OLD AGE PEOPLES' PROBLEM USING FUZZY THEORY

W.B.Vasantha Kandasamy and P. V. Komathi

In this paper we have investigated and studied first the amount of uncertainty in determining the different social sets of people (rich, middle class and the poor), the cause of old people sent to old age homes or left without care in the streets. Since no cause can be given for this we adopt the U-uncertainty function to study them. In fact we have obtained the lower limit of the age for old people in these societies who are left uncared. We found that the age group varies in poor people, middle class and rich in a distinct way. After finding the age group using U-uncertainty we apply Triangular Fuzzy Number (TFN) to study this problem. We compare both these methods and have derived our conclusions.