Abstract

This paper introduces a computational method of solving fully fuzzy multi objective linear programming problem through goal programming approach. Here we deal the imprecise parameters as fuzzy numbers with assumption that these fuzzy numbers have some possibility distribution associated with fuzzy variables. In the study, we extend the concept of conflict and non-conflict between objective functions to fuzzy objective functions to compute the expected priority structure and expected aspiration level for various goals. Further, in view of some risk taken by decision maker,

References


2. Angiz, M., Z., Saati, S., Memariani, A., Movahedi, M.,M., 2006 Solving possibilistic linear programming problem considering membership function of the coefficients, Fuzzy Sets and
Solving a Fully Fuzzy Multiobjective Programming Problem using its Equivalent Weighted Goal Programming Problem


Index Terms

Computer Science

Fuzzy Systems

Keywords

Fully fuzzy multi objective linear programming problem, conflict and non-conflict between objective functions, triangular fuzzy number.