

## A NEW ALGORITHMIC APPROACH TO DETERMINE A UNIQUE SOLUTION FOR AN INTUITIONISTIC FUZZY MULTI OBJECTIVE LINEAR PROGRAMMING PROBLEM

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### Abstract

The problem of solving multi objective linear programming with intuitionistic fuzzy numbers could occur whenever collections of data are processed to model a natural language abounded with imprecision and vagueness. The primary objective of this paper is thus to introduce a computational method for solving intuitionistic fuzzy multi objective linear programming problem (IFMOLPP). The method incorporates the principles of intuitionistic fuzzy linear systems (IFLS) in solving a IFMOLPP. To show the efficiency of the proposed method we solve numerical example.

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Key Words : *Triangular intuitionistic fuzzy number, Intuitionistic fuzzy multi objective linear programming problem, Score function.*

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