Abstract

This paper focuses on the solution of fully fuzzy multi-level linear programming (FFMLLP) Problem, where all of its decision parameters and variables are fuzzy numbers. An algorithm depending on the fuzzy decision approach and bound and decomposition method will be developed to find a fuzzy optimal solution for the problem under consideration. The main results obtained in this paper will be clarified by an illustrative numerical example.

References

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Index Terms

Computer Science

Fuzzy Systems
Keywords

Multi-level programming; Fuzzy decision approach; Bound and decomposition method; Fuzzy linear programming.