Solving Large-scale Three-level Linear Fractional Programming Problem with Rough Coefficient in Objective Function

Abstract

In this paper a Large-Scale three level fractional problem is considered with random rough coefficient in objective function, in order to solve this problem, The intervals technique used to convert rough nature in objective into equivalent crisp , Then Tailor Series transformation is used to convert the Large-Scale three level fractional to an equivalent three level linear programming problem , then a Traditional Method used to constructed solution of the three-level programming problem, then we will use Decomposition Technique to solve Large-ScaleProblem. Finally an auxiliary problem is discussed as well as an example is presented.

References


Index Terms

Computer Science Applied Mathematics

Keywords

Three-level problem; Fractional Problem; Rough interval Coefficient; Large-Scale; Tailor Series