

Solution of Nonlinear Fractional Programming Problem with Bounded Parameters

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Abstract : In this paper a methodology is developed to solve a nonlinear fractional programming problem in which the coefficients of the objective function and constraints are interval parameters. This model is transformed into a general optimization problem and relation between the original problem and the transformed problem is established. Finally the proposed methodology is illustrated through a numerical example.

Keywords : fractional programming, interval valued function, interval inequalities, partial order relation

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