عنوان مقاله:

Goal programming approach for Flexible Fuzzy Multi-objective linear programming problems

محل انتشار:

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خلاصه مقاله:

We propose a new algorithm to solve Fuzzy Multi-Objective Linear Programming (FMOLP) problem. Although various models in the literature have been introduced, we concentrate a Multi-Objective Linear Programming model with Flexible Fuzzy Constraints(MOLPFFC).to solve theintroduced model, we propose a new approach ,where using different α-cuts, allows the original MOLPFFC problem to reduce to the crisp Multi-Parametric Multi-Objective Linear Programming(MPMOLP) problems. The mentioned approach using a new model of Multi-Parametric LinearGoal Programming(MPLGP), in one step only, achieves theoptimal pareto solution for the crisp MPMOLP problem, which gives the largest possible amount of membership degree of flexible fuzzy constraints.

کلمات کلیدی:

multi-objective, flexible fuzzy, multi-parametric, goal programming

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