عنوان مقاله:

Determining Normalized Crisp Weights From Fuzzy Comparison Matrices Using an Improved Two-Stage Logarithmic Goal Programming Model

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خلاصه مقاله:

Two-stage logarithmic goal programming (TLGP) is one of the weighting technologies from fuzzy comparison matrices. But, it only present the interval weights at all alpha–cuts under each criterion when usage of the TLGP. In this paper, we improve this limitation of TLGP using an proposed index. Finally, the two real illustrative examples in literature are considered to show the verification of the proposed index.

کلمات کلیدی:

Fuzzy Analytical Hierarchy Process, Alpha–cut, Multi criteria decision making, Optimization, fuzzy sets