Introducing Fuzzy Action Plan and Using Fuzzy MCDM for Model Solving

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ABSTRACT

Targets for key indicators in industry, based on the current methods, are usually achieved by setting action plans for all levels of the organization and monitoring of the results by means of a Review Format. Therefore, in this article, considering that achievement of the objectives of action plan is an important part of corporate strategy, based on a change in method from inspection to self-control and placing of the targets in a control range, fuzzy systems are used within a Fuzzy Action Plan together with monitoring of targets to reduce barriers and problems. Also, according to the vision and strategic objectives of organization Fuzzy Action Plan is used in terms of quality, cost and time and considering that control indicators are located within a specified range, a Fuzzy Review Format is used for the monitoring of indicators. The purpose of this article is to introduce Fuzzy Action Plan, show the conversion of attribute control indicators to fuzzy ones, and describe how to select the right solution to determine target values within an action plan by means of a Linear Multi-objective decision method, as a fuzzy Action Plan.

KEYWORDS

Action plan , Self-control , Review Format , Item control , Fuzzy MCDM.