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Abstract
The models of the resource allocation usually with the achievements or costs in the past, however, that are not enough to the resource allocation of R&D for the enterprise in the fact, this problem must to consider the costs, achievements and conditions., and the problem includes both quantitative criterions and qualitative criterions. When the data have the characteristic of fuzzy or qualitative, the fuzzy multiple criteria decision making (MCDM) can solve this condition. For this reason, using the fuzzy multiple criteria decision making to build a model for the resource allocation of R&D for the enterprise in this work, and through the final defuzzification numbers to proceed resource allocation. Besides, the work proposed a normalization method for arrays of fuzzy numbers with all range, that can be let normalization fuzzy numbers between 0 and 1 reasonably, and in the end with an example for R&D department of K company to explain the model, further brought the conclusions that can help the hereafter alike researches.
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