

ABSTRACTS

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FUZZY LOGIC OPTIMIZATION MODEL RANGE ENTERPRISE

Combined ABC and XYZ analysis methods are really important optimization tool range of commercial enterprise.

The classic ABC and XYZ methods involve building a matrix of 9 fields, but to characterize specific field except for linguistic description it should be given a numerical value that is to calculate figures for the indicators of validity of matrix ABC-XYZ fields. Basic parameters of fields' validity in our study were identified using scale of Fishburne.

Developed fuzzy-logical model of quantitative assessment of criterion "percentage of sales, is the sales stability" takes into account not only quantitative but also qualitative characteristics of economic targets that are difficult or impossible to set quantified. It allows in theory to assess the criterion of "percentage of sales, is the sales stability" "connect" many indicators. In practice, the choice of indicators should be justified on the one hand, by their significance, and the other – by the complexity of gathering the necessary information for analysis.