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A problem of group choice. (English. Russian original) [Zbl 0731.90008](#)

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Summary: A metric approach is applied to a class of group selection problems in which individual preferences are representable as linear series over a set of comparable alternatives, while group opinion is represented by relations such as dichotomic ranging, corresponding to the selection of a group of attractive alternatives from among all alternatives. Optimum algorithms for finding the set of attractive alternatives without resorting to search are obtained.

MSC:

91B10 Group preferences

91-08 Computational methods for problems pertaining to game theory, economics, and finance

Keywords:

metric approach; group selection; algorithms; set of attractive alternatives