

论文

多人多目标资源分配协商对策

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摘要 资源分配问题,一直是决策分析理论研究的核心问题之一.从对各种经济系统进行决策分析中,可得出一类多人多目标资源分配问题的数学描述如下...

关键词

分类号

MULTIOBJECTIVE BARGAINING GAME FOR MULTIPERSON RESOURCE ALLOCATION

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Abstract A bargaining game approach to resource allocation for multipersons with multiobjectives has been raised by this paper. Based on the descriptions of the Mathematical Programming(MP) and equivalent bargaining game for the problem, the concept of bargaining game solution with maximum equilibrium satisfaction is given and the bargaining game properties of the solution are theoretically analyzed. The approach faces multivariable problems directly, so it can be applied to complicated systems analysis. The oversimplified framework of general bargaining game theory is surmounted. The solution is obtained by the help of the algorithms of the MP because the solution process can be transformed to a problem of the MP.

Key words

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