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The two-stage constrained equal awards and losses rules for multi-issue allocation situations.
(English) Zbl 1233.91021

Summary: This paper considers two-stage solutions for multi-issue allocation situations, which are extensions of bankruptcy problems. Characterizations are provided for the two-stage constrained equal awards and constrained equal losses rules, based on the properties of composition up and composition down.

MSC:
91A12 Cooperative games
91B32 Resource and cost allocation (including fair division, apportionment, etc.)
91B14 Social choice

Keywords:
bankruptcy problems; multi-issue allocation situations; constrained equal awards; constrained equal losses; two-stage solutions

Full Text: DOI Link

References:

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