

论文

## USING DISPLACED CONE REPRESENTATION IN DEA MODELS FOR NONDOMINATED SOLUTIONS IN MULTI OBJECTIVE PROGRAMMING

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**摘要** Concepts revolving around "displaced cones" are used to extend the ideas of nondominated solutions in multiobjective programming. Necessary and sufficient conditions are formed around the additive models of DEA to identify nondominated solutions. This provides a basis for effecting contacts with other disciplines and other parts of DEA.

**关键词** [Multi-objective programming, efficiency](#)

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**Abstract** Concepts revolving around "displaced cones" are used to extend the ideas of nondominated solutions in multiobjective programming. Necessary and sufficient conditions are formed around the additive models of DEA to identify nondominated solutions. This provides a basis for effecting contacts with other disciplines and other parts of DEA.

**Key words** [Multi-objective programming](#) [efficiency dominance](#) [data envelopment analysis](#)

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