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多面体集下多目标优化问题近似解的若干性质

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Some properties of approximate solutions for multiobjective optimization problems with respect to polyhedral set

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摘要　研究了多目标优化问题的近似解. 首先证明了多面体集是 co-radiant集，并证明了一些性质. 随后研究了多面体集下多目标优化问题近似解的特殊性质.

关键词： 多目标优化　多面体集　近似解

Abstract： In this paper, we consider approximate solutions for multiobjective optimization problems. First, we prove polyhedral set is co-radiant set, and present some properties for this special co-radiant set. And then, we present some properties for approximate solutions with respect to polyhedral set.

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