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Connectedness of Cone-Efficient Solution Set for Cone-Quasiconvex Multiobjective Programming

Xuan-wei Zhou, Yu-da Hu

School of Mathematics and Information Science, Wenzhou University

收稿日期 修回日期 网络版发布日期 接受日期

摘要 This paper deals with the connectedness of the

cone-efficient solution set for vector optimization in locally

convex Hausdorff topological vector spaces. The connectedness of the

cone-efficient solution set is proved for multiobjective programming

defined by a continuous cone-quasiconvex mapping on a compact

convex set of alternatives. The generalized saddle theorem plays a

key role in the proof.

关键词 [Multiobjective programming, cone-efficient solution, cone-quasiconvex mapping, generalized saddle theorem, connectedness.](#)

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