

Stampacchia 广义向量拟均衡问题II

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收稿日期 2006-7-13 修回日期 网络版发布日期 2009-6-8 接受日期

摘要 通过引进锥对角拟凸概念, 讨论了Stampacchia 广义向量拟均衡问题解的存在性. 由于该问题包含了许多形式的变分不等式与均衡问题作为特例, 所得解的存在性结果推广和发展了近期的一些研究结果, 主要有以下两个方面: 1) 放宽了对连续性的要求; 2) 由数值型推广到了向量型.

关键词 [广义向量拟均衡问题](#), [局部凸空间](#), [SCS-对角拟凸](#), [连续选择](#), [不动点](#).

分类号 [49J27](#)

Stampacchia Generalized Vector Quasi-Equilibrium Problem II

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Abstract In this article, the Stampacchia generalized vector quasi-equilibrium problem is introduced, and the existence of solution is studied by virtue of the new concept of SCS-diagonally quasi-convex. Since the problem includes many variational inequality problems and equilibrium problems as special cases, the existence theorems extend and improve some existing results in the recent references: 1) releasing the restriction to the continuity of the mapping; 2) extending the mapping from numeric type to vector type.

Key words [Generalized vector quasi-equilibrium problem](#) [locally convex space](#) [SCS-diagonally quasi-convex](#) [continuous selection](#) [fixed point](#).

DOI:

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