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弱向量均衡问题的含参适定性

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Parametric Well-posedness for Weak Vector Equilibrium Problems

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摘要 本文在实 Banach 空间中研究了弱向量均衡问题的两种适定性. 给出了该问题唯一适定与适定的距离刻划. 在适当条件下证明了弱向量均衡问题的唯一适定性等价于解的存在性与唯一性. 最后, 文章在有限维空间给出了弱向量均衡问题适定的充分性条件.

关键词: [弱向量均衡问题](#) [含参适定性](#) [距离刻划](#)

Abstract: The paper studied two kinds of parametric well-posedness for weak vector equilibrium problems in real Banach spaces. It established some metric characterizations of uniquely well-posedness and well-posedness for the problems. It proved that under suitable conditions, the uniquely well-posedness is equivalent to the existence and uniqueness of solutions. Finally, it gave sufficient conditions to well-posedness in finite dimensional space.

Keywords: [weak vector equilibrium problems](#), [parametric well-posedness](#), [metric characterizations](#)

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