

论文

Banach空间中强增生型变分包含解的具混合误差项的Ishikawa迭代逼近

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摘要:

该文研究了Banach空间中一类强增生型变分包含解的存在性及其具有混合误差项的Ishikawa迭代程序的收敛性问题. 所得结果改进和推广了张石生,曾六川等人的相关应结果

关键词: 变分包含,强增生映象,具混合误差项的Ishikawa迭代程序

分类号:

49J30,47H06,47H17

On the Ishikawa Iterative Approximation with Mixed Errors for Solutions to Variational Inclusions with Strongly Accretive Type Mappings in Banach Spaces

GU Feng

Abstract:

The purpose of this paper is to investigate the existence of solutions and convergence of Ishikawa iterative process with mixed errors for a class of variational inclusions with strongly accretive type mappings in real reflexive Banach spaces. The results presented in this paper extend and improve the corresponding results of Chang and Zeng.

Keywords: Variational inclusion, Strongly accretive mapping, Ishikawa iterative process with mixed errors

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