

# REGULARIZATION OF ILL-POSED MIXED VARIATIONAL INEQUALITIES WITH NON-MONOTONE PERTURBATIONS

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## TÓM TẮT:

Abstract: In this paper, we study a regularization method for ill-posed mixed variational inequalities with non-monotone perturbations in Banach spaces. The convergence and convergence rates of regularized solutions are established by using a priori and a posteriori regularization parameter choice that is based upon the generalized discrepancy principle.