

Original Articles

## A Posteriori Parameter Choice Strategy for Nonlinear Monotone Operator Equations

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**摘要** In this paper we present an a posteriori parameter choice strategy for nonlinear ill-posed operator equations involving monotone operators. Under certain conditions, this a posteriori parameter choice strategy guarantees the optimal convergence rate  $O(\delta^{-(1/2)})$  for Tikhonov-Browder regularization, where  $\delta$  denotes the noise level of the data perturbation.

**关键词** [Nonlinear operator equation](#) [monotone operator](#)

分类号

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**Key words** [Nonlinear operator equation](#) [monotone operator](#)

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