

Gorbunov, V. K.

On the regularization of extremal problems. (Russian) Zbl 0733.65045
Zh. Vychisl. Mat. Mat. Fiz. 31, No. 2, 235-248 (1991).

The Tikhonov approach to regularization of linear equations with disturbed operators is developed further for nonlinear equations and constrained minimization problems.

Reviewer: A.Roose (Tallinn)

MSC:

[65K10](#) Numerical optimization and variational techniques
[65J15](#) Numerical solutions to equations with nonlinear operators
[65J20](#) Numerical solutions of ill-posed problems in abstract spaces; regularization

Cited in 1 Review

Keywords:

extremal problems; Tikhonov regularization; ill-posed problems; disturbed operators; nonlinear equations; constrained minimization problems