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A theory of semilinear operator equations under nonresonance conditions. (English)

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Reviewer: Nils Ackermann (México)

MSC:

- 47J05 Equations involving nonlinear operators (general)
- 35J65 Nonlinear boundary value problems for linear elliptic equations
- 47J25 Iterative procedures involving nonlinear operators
- 47N20 Applications of operator theory to differential and integral equations
- 35R20 Operator partial differential equations (= PDEs on finite-dimensional spaces for abstract space valued functions)
- 35D05 Existence of generalized solutions of PDE (MSC2000)
- 35J60 Nonlinear elliptic equations
- 47H10 Fixed-point theorems

Cited in 1 Review

Keywords:

nonlinear operator equation; fixed point; Leray-Schauder theory; semilinear elliptic equation