

Andreani, Roberto; Friedlander, Ana; Santos, Sandra A.

On the resolution of the generalized nonlinear complementarity problem. (English)

Zbl 1006.65068

SIAM J. Optim. 12, No. 2, 303-321 (2002).

Some new techniques are presented to solve the generalized nonlinear complementarity problem defined on a polyhedral cone. These techniques are explained through many numerical experiments.

The paper will be very much useful to many researchers working on nonlinear complementarity problem. The authors have made great efforts to propose fascinating and promising techniques to solve nonlinear complementarity problems.

Reviewer: [Akrur Behera \(Roukela\)](#)

MSC:

65K05 Numerical mathematical programming methods

90C33 Complementarity and equilibrium problems and variational inequalities (finite dimensions) (aspects of mathematical programming)

Cited in **23** Documents

Keywords:

box-constrained optimization; nonlinear complementarity problem; numerical experiments

Software:

L-BFGS; L-BFGS-B

Full Text: [DOI](#)