EXISTENCE RESULTS OF CONE NONLINEAR COMPLEMENTARITY PROBLEM UNDER COERCIVITY CONDITIONS

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Abstract. This paper is concerned mainly with the solvability of cone nonlinear complementarity problem. Nonlinear complementarity problem is a special case of Variational inequality problem, as a by product of this, we give several existence and uniqueness results under monotonicity and coercivity conditions. Also we study properties of solution set.

REFERENCES


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Existence results of cone nonlinear complementarity problem under coercivity conditions


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