

ON GENERALIZED STRONGLY NONLINEAR VARIATIONAL-LIKE INEQUALITIES

ZEQING LIU, JUHE SUN, SOO HAK SHIM AND SHIN MIN KANG

Abstract. The purpose of this paper is to introduce and study a new class of generalized strongly nonlinear variational-like inequalities. The existence and uniqueness of solution and a new iterative algorithm for the generalized strongly nonlinear variational-like inequality are proved and suggested, respectively. Moreover, the convergence criteria of the sequence generated by the iterative algorithm are also given.

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