

A NEW CLASS OF GENERALIZED NONLINEAR MIXED QUASI-VARIATIONAL INEQUALITIES IN BANACH SPACES

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Abstract. In this paper, we introduce and study a new class of generalized nonlinear mixed quasi-variational inequalities. Using the KKM technique, we prove the existence and uniqueness of solutions for this class of generalized nonlinear mixed quasi-variational inequalities in reflexive Banach spaces. Our results include the main results of Verma [1], [2] as special cases.

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