

SENSITIVITY ANALYSIS FOR PARAMETRIC  
COMPLETELY GENERALIZED STRONGLY NONLINEAR  
MIXED IMPLICIT QUASI-VARIATIONAL INCLUSIONS  
INVOLVING  $(H, \eta)$ -MONOTONE MAPPINGS

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*Abstract.* In this paper, by using a resolvent operator technique of  $(H, \eta)$ -monotone mappings and the property of a fixed-point set of set-valued contractive mappings, we study the behavior and sensitivity of the solutions of the parametric completely generalized strongly nonlinear mixed implicit quasi-variational inclusions in Hilbert space. Our results extend and improve some recent results in this field.

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