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Dan D. Pascali* (dp39@nyu.edu), Courant Institute, New York University, 251 Mercer Street, New York, NY 10012-1185. *Equations involving pseudomonotone mappings with respect to two Banach spaces.*

Some existence results for solutions of variational inequalities with strong nonlinearities are proved using new classes of generalized mappings of monotone type. (Received September 01, 2011)