1131-46-7 Oriehi E. D. Anyaiwe* (destinyanyaiwe@gmail.com) and Chika Moore (dogoodmoore@yahoo.com). Iterative Solutions for Variational Inclusions Problems in Banach Spaces. Preliminary report.

Variational inclusion problems has become the apparatus that is generally used to constrain sundry mathematical equations in other to guarantee the uniqueness and existence of their solutions. The existence of these solutions was earlier studied and proven for uniform Banach Spaces using accretive operators. In this study, we extend the conditions to hold for arbitrary Banach Spaces using uniform accretive operators. (Received April 10, 2017)