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Xavier Alexius Udo-utun* (xvior@yahoo.com), Department of Mathematics and Statistics, University of Uyo, Uyo, Nigeria. *On unification of fixed point techniques - Applications of (δ, k) -weak contractions.*

Author (Udo-utun Fixed Point Theory and Applications 2014, 2014:65) derived a novel generalizing property of F -contractions introduced recently by Wardowski (Fixed Point Theory and Applications 2012:94, 2012) which applicability yields asymptotic fixed point theorems for contractive, nonexpansive and all Lipschitzian operators sharing the property. Attempt is made to extend applicability to a more general class of continuous and certain discontinuous operators in Banach and metric spaces as a unifying significance of the property and the notion of (δ, k) -weak contractions introduced earlier by Berinde (Carpath. J. Math. 19(1):7-22, 2003; Nonlinear Anal. Forum 9(1):43-53, 2004). Interesting examples are illustrated. (Received May 12, 2014)