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Buthinah A. Bin Dehaish* (bbindehaish@yahoo.com), department of mathematics KAU, jeddah, Saudi Arabia. *Fixed Point Theorem of Monotone Nonlinear Mappings.*

Abstract Let $T: C \rightarrow C$ be a monotone nonlinear mapping on a nonempty, bounded, closed, and convex subset of a metric space X . We will prove the fixed point theorem of this kind of mappings under some geometrical condition on X . (Received September 10, 2016)