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Fixed point theorems for n -periodic mappings in Banach spaces

Comment.Math.Univ.Carolinae 46,1 (2005) 33-42.

Abstract: Using modified Halpern iterations, by elementary method, we extend and improve results obtained by W.A. Kirk (Proc. Amer. Math. Soc. 29 (1971), 294) and others, which have recently been presented in Chapter 11 of Handbook of Metric Fixed Point Theory (2001).

Keywords: lipchitzian mapping, uniformly lipschitzian mapping, n -periodic mapping, fixed point

AMS Subject Classification: 47H09, 47H10