

A Studies of Ishikawa Iteration Process for Asymptotic Pointwise Mapping in Metric Spaces

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Let (M, d) be a complete 2-uniformly convex metric space, C be a nonempty, bounded, closed and convex subset of M , and T be an asymptotic pointwise nonexpansive self mapping on C . In this paper, we define the modified Ishikawa.

The class of asymptotic non expansive mapping have been extensively studied in fixed point theory. Non expansive mapping in uniformly convex Banach spaces. The investigate the existence of a fixed point of asymptotic pointwise non expansive mappings and study the convergence of the modified Mann iteration in hyperbolic metric spaces.