Abstract

The aim of this paper is to prove some strong and $\Delta$-convergence results for modified Khan et. al. iterative procedures using total asymptotically quasi-nonexpansive mappings in Hyperbolic spaces. The results are the generalization and extension of some results of Agarwal et. al. [12], Cho and Abbas [17], Basarir and Sahin [10], Chang et. al. [18], Agarwal et. al. [12], Aggarwal and Chugh [11], Khan et. al. [15], Sahin and Basarir [1].

References

Some Strong and Δ - Convergence Results in Hyperbolic Spaces


**Index Terms**

Computer Science

Applied Mathematics

**Keywords**

Hyperbolic spaces, Δ-convergence, strong convergence, total asymptotically quasi nonexpansive mappings, common fixed point, iterative procedures.