The aim of this paper is to prove some strong and Δ-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.