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**


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Keywords

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