Weak forms of open and closed functions via semi-$\theta$-open sets

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Abstract. In this paper, we introduce and study two new classes of functions by using the notions of semi-$\theta$-open sets and semi-$\theta$-closure operator called weakly semi-$\theta$-open and weakly semi-$\theta$-closed functions. The connections between these functions and other existing well-known related functions are investigated.

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