

## عنوان مقاله:

$f_{\{\delta\}}$ -Open Sets in Fine Topological Spaces

## محل انتشار:

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## خلاصه مقاله:

In this paper, the concept of  $\delta$ -cluster point on a set which belongs to the collection of fine open sets generated by the topology  $\tau$  on  $X$  has been introduced. Using this definition, the idea of  $f_{\delta}$ -open sets is initiated and certain properties of these sets have also been studied. On the basis of separation axioms defined over fine topological space, certain types of  $f_{\delta}$ -separation axioms on fine space have also been defined, along with some illustrative examples.

## کلمات کلیدی:

Fine open sets,  $f_{\delta}$ -open sets,  $f_{\delta}$ -closed sets,  $f_{\delta}$ -g-closed set,  $f_{\delta}$ -separation axioms

## لینک ثابت مقاله در پایگاه سیویلیکا:

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