

M-OPEN SET IN TOPOLOGICAL SPACES

A. I. El-Maghrabi and M. A. Al-Johany

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Abstract

The aim of this paper is to introduce and study the notion of *M*-open and *M*-closed sets. Some characterizations of these notions are presented. Also, some topological operations such as: *M*-boundary, *M*-exterior and *M*-limit... etc., are introduced.

Keywords and phrases: *M*-open sets, locally *M*-closed, *M*-boundary, *M*-exterior, *M*-limit, *M*-nbd and *M*-regular.

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