Abstract

The aim of this paper is to introduce and study the notions of $\tau$ (resp. $\tau'$, $\tau_0$, $\tau_1$)-open sets in terms of an ideal $I$. These concepts generalize the usual notions of $\tau$ (resp. $\tau'$, $\tau_0$, $\tau_1$)-open sets. Also, several of their topological properties are investigated.

References

Types of Generalized Open Sets with Ideal

Math. 16, 957 - 964.

Index Terms
Computer Science
Applied Mathematics

Keywords
Pre-open set
Semi-open set
\( \tau \)-open set
\( \tau \)-open set
Topological ideal
I-pre-open set
I-semi-open set.