Abstract

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

References

Types of Generalized Open Sets with Ideal


**Index Terms**

Computer Science  
Applied Mathematics

**Keywords**

Pre-open set  Semi-open set  \?-open set  \?-open set  Topological ideal  
I-pre-open set  
I-semi-open set.