

Generalized Regular And Super Generalized Regular Spaces

R. K. Singh

ABSTRACT

This paper is the study of generalized regular and super generalized regular spaces. The concepts have been developed in terms of different new open sets such as p- open, s- open, g-open etc. Here concepts like $p-T_3$, $*(p-T_3)$, $(p-T_3)^*$, $s-T_3$, $*(s-T_3)$, $*(s-T_3)$ have been developed and their properties have been studied. C-Type regular spaces in terms of p-open, s-open sets have been studied which also include characteristic properties. Properties of generalized and super generalized regular and C-regular spaces have been also studied.

Key Words: p- open, s- open, g- open, Super generalized regulars spaces, topological spaces.