

## **THE SEPARATION AXIOMS ON SEMI GENERALIZED b-CLOSED SETS**

**D. IYAPPAN AND N. NAGAVENI**

### **Abstract**

In this paper, we have investigated the properties of semi generalized b-closed (denoted by  $sgb$  - Closed) sets. Also we have introduced a new class of topological space called  $T_{sgb}$  space and we have studied the separation axioms.

-----  
2000 Mathematics Subject Classification : 54A05, 54D10, 54D15