Abstract

An Ideal on a set X is a non empty collection of subsets of X with heredity property which is also closed under finite unions. In this paper, (i,j)g*ss closed and open sets are introduced with respect to an ideal in a bitopological space and their properties are investigated. Additionally, we compare them with other sets to show their relationships and characterize many other results.
A Study on (i,j)g*ssl Closed and Open Sets in Bitopological Spaces

- A. Pushpalatha, Studies on Generalizations of Mappings in Topological spaces, Ph. D Thesis,
- Definition Bank in General Topology by G. B. Navalagi.
- Ser. A. Math. , 16,35-48
- Generalised closed sets with respect to an Ideal in Bitopological spaces. T. Noiri and
- H. Maki, R. Devi and K. Balachandran , Associated Topologies of Generalized ?-closed
- K. Chandrasekharra Rao and K. Kannan, Regular generalized star closed sets in
- K. Indirani,V. Rajendran and P. Sathiashmohan, On wg?-I-continuity and w?g-I-continuity,
- K. Indirani and H. Jude Immaculate. ( i,j)g*??s closed and (i,j)g*ss closed sets in
Bitopological Spaces-M. Phil Thesis(2013)
- M. Lellis Thivagar and Nirmala Mariappan- On Weak Separation Axioms Associated
Monthly 70:36-41
- M. Navaneethakrishnan and J. Paulraj Joseph, g-closed sets in ideal topological
- M. Rajamani and V. Rajendran, A study on g?-closed sets in ideal topological spaces,M.
- M. Sheik John and P. Sundaram,g*Closed sets in Bitopological spaces.
- M. Sheik John and K. Balachandran , Semi-generalized continuous maps and
- O. A. El-Tantawy and H. M. Abu-Donia, Generalized Separation Axioms in
- O. A. El-Tantawy* and H. M. Abu-Donia-Generalized Separation axioms in
Bitopological spaces- 2005 The Arabian Jl for Science and Engineering, Volume 30, Number
1A.
- O. Ravi, S. Ganesan, S. Tharmar and R. G. Balamurugan – Minimal g-closed sets with
A Study on \((i,j)g^*ssI\) Closed and Open Sets in Bitopological Spaces


**Index Terms**

Computer Science

Bitopological Spaces

**Keywords**

\((i,j)g^*ss\) Closed Sets  \((i,j)g^*ssi\) Closed Sets And \((i,j)g^*ssi\) Open Sets