Abstract

The definition of \( \alpha \)-connectedness due to Csaszar [3] is modified and its basic properties are studied. The images and preimages of \( \alpha \)-connected sets under \( (\alpha, 0) \)-continuous mapping are investigated. Sufficient conditions for a mapping to be \( (\alpha, 0) \)-continuous are given.

References

On Y-Connected Sets


Index Terms
Computer Science
Applied Mathematics

Keywords
- connectedness ( ?? 0)- continuous mapping ( ?? 0)- semiconnected ( ?? 0)- weakly semiconnected

( ?? 0)- connected

- strongly semi-locally connected.