Automated information extracted from topographic sheet plays an important role in assisting researchers to extract identifiable features in the field of remote sensing and geographical information system. Extraction and representation of morphological patterns pertaining to an aspect of interest plays a pivotal role while making a quality assessment of the same. The confidence of the assessment procedures heavily relies on the effectiveness with which the patterns are extracted and represented. These extracted features can be used for performing various inferential analyses that aids in making qualitative as well as quantitative assessment of the features. This work aims at extracting various morphological features from topographic sheet automatically which further reduces time and effort requirement compared to that of traditional manual system.

References

1. Salvatore, Spinello, and Pascal Guitton. "Contour line recognition from scanned
Design and Implementation of Algorithms for Extraction and Representation of Morphological Features


**Index Terms**

Computer Science  
Algorithms

**Keywords**

Topographic sheet, Extraction.