

{tag}

{/tag}

---

IJCA Proceedings on International Conference  
on Information and Communication Technologies

© 2014 by IJCA Journal

ICICT - Number 3

Year of Publication: 2014

Authors:

T. Sarath

G. Nagalakshmi

S. Jyothi

{bibtex}icict1422.bib{/bibtex}

### **Abstract**

In this paper, we discuss about hyperspectral image processing where it plays an important role in remote sensing, hyperspectral verses multispectral image processing and image classifications. Where these classifications includes image sensors, image preprocessing, object detection, object segmentation, feature extraction and object classification. Mainly there are two types of classifications we are describing they are supervised and unsupervised

classifications.

### Refer

### ences

- R. Ablin, C. Helen Sulochana 2013. A Survey of Hyper Spectral Classification in Remote Sensing .
- Michael T. Eismann. A Textbook of Hyperspectral Remote Sensing.
- Mariocaetano . Image classification.
- Pegshippeet. Introduction to Hyperspectral Image Analysis.
- Prof L. Bruzzone and M. Coradini. Advanced Remote Sensing System To Environment by.
- Pieter Kempeneers. Information Extraction From Hyperspectral Images by.
- Qingxitong, Bingzhang, Lanfenzheng 2004. Hyperspectral remote sensing technology and applications in china.
- Eyalbendor, Timmalthus, Antonioplaza and Daniel schlapfer 2012. A report on Hyperspectral remote sensing.
- A tutorial on Introduction to remote sensing & Image processing.
- Dr. pungatoyapatra . Remote sensing and geographical information system (GIS).
- Dr. piotrjankowski. Introduction to GIS based.
- Balasubramanian subbiah and seldevChristopher. c. Image classification through integrated K-means algorithm.
- Pouja K amavisdar, sonam saluja, sonuagrawal 2013. A survey on image classification approaches and techniques.
- Dr. nidaa f. hassan. Introduction to image processing.
- Lecture on Applications of geographic information system (GIS) introductory.
- M. Govender, K. cheety and H. bulcoce. A review of hyperspectral remote sensing and its application in vegetation and water.
- R. N. Sahou. Hyperspectral remote sensing.

### Index Terms

Computer Science

Image Processing

### Keywords

Hyperspectral Multispectral Image Processing Remote Sensing Classifications.

