Abstract

This work aims to generate ready to use image products in real-time by acquiring the data directly from weather satellites. As part of pre-processing, detection and correction of defects in the image data also needs to be carried out in real-time. To facilitate this, an Expert System has been devised. In order to construct images in real time, innovative techniques of real-time image representation have been developed. These two modules are expected to run in
coordination with each other. This paper presents a novel approach for integrating the Expert System module with the Image Processing Module.

References

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Integrating Expert System Module with the Image Processing Module for Real-Time Generation of Satellite Images

Index Terms
Computer Science
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Expert System  Image Representation  Look-up-table  Vhrr  Reasoning  Dynamic
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