
The Recognition and Decomposition of Mixed Pixels in the Remotely Sensed Images Based on Gray System Theory*

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ABSTRACT

This paper analyses the existing method of recognition and decomposition of mixed pixels in the remotely sensed images, and presents a new method of recognition and decomposition of mixed pixels based on gray system theory. The experiments demonstrate the method and give satisfactory results.

Keywords Mixed pixels, Recognition , Decomposition, Gray system theory

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