

# Algorithms for multispectral and hyperspectral imagery

## V - 5-6 April, 1999, Orlando, Florida

### SPIE - ALGORITHMS AND TECHNOLOGIES FOR MULTISPECTRAL, HYPERSPECTRAL, AND ULTRASPECTRAL IMAGERY XXIV

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Composers & Musicians - Country & Folk

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Biography / Autobiography

Biography & Autobiography

Rap (Music)

Computer algorithms -- Congresses.

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Remote sensing -- Congresses. Algorithms for multispectral and hyperspectral imagery V - 5-6 April, 1999, Orlando, Florida

- no. 17

University of Michigan. Bureau of Government. Papers in public administration,

v. 3717.

Proceedings of SPIE--the International Society for Optical Engineering ;

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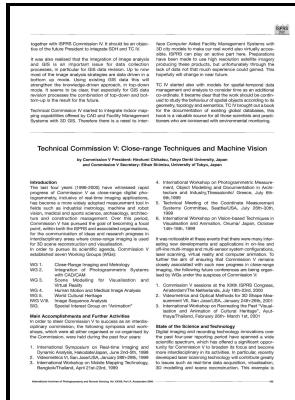
Tags: #A #comparison #of #unmixing  
#algorithms #for #hyperspectral #imaging

#### Comparison of satellite reflectance algorithms for estimating chlorophyll

Using these data and crop coefficient values derived from meteorological data and lysimeter, individual-tree-level ET was calculated at each distinct resolution using a simple linear regression model.

#### Invariant subpixel target identification in hyperspectral imagery, Proceedings of SPIE

Circuit and Systems ISCAS 2002, 26-29 May, Scottsdale, Arizona, 2002. SPIE 9092, Signal and Data Processing of Small



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Targets 2014. United States The Moderate-resolution Imaging Spectroradiometer MODIS instruments are on-board the Aqua and Terra spacecraft, launched in 2002 and 1999, respectively.

### ALGORITHMS AND TECHNOLOGIES FOR MULTISPECTRAL, HYPERSPECTRAL, AND ULTRASPECTRAL IMAGERY XXIV

The tremendous advancements in this technology have been propelled heavily through defense research and development, aimed at providing important night vision and target detection capabilities for surveillance, reconnaissance, targeting, and threat warning systems. Infrared spectral

sensors are being investigated as a means for day and night target detection. In exchange for faster clustering, however, one trades off the quality of the produced segmentation.

#### **A comparison of unmixing algorithms for hyperspectral imagery**

The new covariance matrix selectively uses only the pixels which are suspected targets.

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