

Comparing area-based and feature-based methods for co-registration of multispectral bands on GPU

Título Comparing area-based and feature-based methods for co-registration of multispectral bands on GPU

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Abstract Registration is required as a previous step for processing multispectral images. The different bands captured by each sensor for each image, as well as the different images corresponding to the same area, need to be aligned. In this paper, a 2-level registration scheme comparing the results obtained by the hyperspectral Fourier-Mellin (HYFM) and hyperspectral KAZE (HSI-KAZE) registration methods is proposed. It is designed for efficient implementation in a multi-GPU system in which different scenes are registered in parallel on different GPUs.

Palabras clave multispectral, registration, CUDA, GPU

DESCARGAS

 Referencia BibTex

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