



IMAGE DENOISING USING WAVELET BASED ANISOTROPIC DIFFUSION

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Abstract

Anisotropic diffusion is one of the widely used techniques in the field of image processing and are in general efficient to preserve image edges when they are used to reduce noise. In this paper we have proposed an algorithm for denoising segmented images based on anisotropic diffusion. The mechanism of smoothing and edge preserving of anisotropic diffusion is illustrated through wavelet based anisotropic diffusion algorithm.

Keywords and phrases: image segmentation, anisotropic diffusion.

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