Color image preprocessing and segmentation has been widely accepted as an important component of the image mining. In this paper, we have proposed the denoising concept. The method used for pre-processing the color image includes wavelet based segmentation which has the advantage of more efficiency, better quality and accuracy of image. The preprocessing method wavelet transforming has the advantage of multi-resolution in both time domains as well as in frequency domain, so it can be used to describe the partial characteristics for both domains. Wavelet denoising is a more successful kind of application of wavelet transforming. Using the multi-resolution of wavelet, the non-steady characteristics of signals can be analyzed efficiently and give more refined results. The experiment has shown enhanced results produced by our proposed technique than the previous approaches in practice.

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