
Subject: Re: histogram

Posted by [Maxwell Peck](#) on Mon, 29 Mar 2010 10:08:53 GMT

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On Mar 25, 4:17 pm, afzu <afzal....@gmail.com> wrote:

> cud anybody help me implement Histogram Equalization using
> Neighborhood Metrics

I'm not exactly what you're doing but take a look at ADAPT_HIST_EQUAL.

From the help:

The ADAPT_HIST_EQUAL function performs adaptive histogram equalization, a form of automatic image contrast enhancement. The algorithm is described in Pizer et. al., "Adaptive Histogram Equalization and its Variations.", Computer Vision, Graphics and Image Processing, 39:355-368. Adaptive histogram equalization involves applying contrast enhancement based on the local region surrounding each pixel. Each pixel is mapped to an intensity proportional to its rank within the surrounding neighborhood. This method of automatic contrast enhancement has proven to be broadly applicable to a wide range of images and to have demonstrated effectiveness.

Regards

Max
