Subject: Image statistics via moving window
Posted by pitris on Thu, 27 Aug 2009 13:34:34 GMT

Hello,

I want to obtain a basic statistics values within a fixed areas of a image (let's say 30x30px) - mean and standart deviations. I'm thinking about some type of moving window (2D matrix-30r x30l) for which these values will be calculated and stored into a new image file, where every pixel value will represent a mean of a 30x30 pxiels from a source image. Do you have some ideas how to do that? I'm using a CONVOL function for a classic per-pixel convolution, but in this case, window should be moving not per-pixel but rather per-specified-area.

Thanks,
Peter