Subject: Re: Histogram looks like spiky bars Posted by Sven Geier on Tue, 20 Mar 2007 05:35:18 GMT

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rpertaub@gmail.com wrote:

- > Hi,
- > I have an image for which I want to make a histogram. I just do plot,
- > histogram(image) with xrange being my 14 bit image size (~16000).
- > ANyway, what I get is a bunch of vertical lines of different lengths.
- > I want a smooth curve, not discrete lines.
- > How do i do that?
- > thanks!!

At the risk of asking something stupid:

Are you sure that all the possible values actually occur in your image? I'm asking because I once had a funky image that I didn't understand the histogram of at all - until I realized that in the processing there was a step where floats got truncated to integers and in that step I was losing all non-integer values and in the end the values I was histogramming over were integer multiples of some certain scaling factor (and the histogram plotted thin spikes for those values and zeros for any other number).

Just an idea...

- S

http://www.sgeier.net

My real email address does not contain any "Z"s.