Subject: Re: Histogram looks like spiky bars
Posted by MarioIncandenza on Tue, 20 Mar 2007 19:27:13 GMT
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On Mar 16, 8:14 am, "rpert...@gmail.com" <rpert...@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!!

There are two routines out there called HIST_PLOT. One is from Liam
Gumley and can be found at http://www.cis.rit.edu/~dwmpci/HTML_DOC/plotting_help.html
(also see his extensive bag o' tricks at http://cimss.ssec.wisc.edu/~gumley/).
The other is from Gelu Nita and can be found here:
http://achilles.nascom.nasa.gov/~zarro/php/ssw_print.php?fil
e=$SSW/radio/ovsa/idl/util/hist_plot.pro.

I use the Gumley routine, though over the years I have modified it
almost into unrecognizability. But if you're just getting into this
problem, try them both see which you like better, both are very simple
routines.

Good luck!