
Subject: Re: azimuthal median

Posted by [Brian Larsen](#) on Tue, 15 Jan 2008 15:57:48 GMT

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Bringfried,

I do this all the time and histogram is definitely the correct way. I find that I have to reread the horrors of histogram often (although less often lately, maybe I am learning). http://www.dfanning.com/tips/histogram_tutorial.html

The basic idea is that you have to setup histogram to have bins where you want them then pull the indices out with reverse_indices.

I have a few to many things this second to make an example but in sudo code it is like this (for me)

```
:: get the data
:: run histogram on the data
hi = histogram(data, binzise=0.4, min=1, reverse_indices=ri)
for i=0l, n_elements(hi)-1 do begin
  ;; do the reverse indices magic to get the right indices
  ;; do whatever computation and store it somewhere
endfor
```

Cheers,

Brian

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