Subject: Re: HIST_EQUAL
Posted by Karl Young on Sat, 16 Dec 2000 20:24:41 GMT
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Hey David,

Every once in a while some of us use histograms for something other than image intensity analysis; i.e. I just wanted to try and restore the good name of histograms re. not only being used to generate misleading information ! ;-) And also histogram equalization is pretty useful in isolating dynamic range problems (i.e. problems for which most of your data is in a very small part of the entire range of possible values)

David Fanning wrote:

> "Sergio Ahumada N." ("Sergio Ahumada N." <san[@]inf.utfsm.cl>) writes:
>
>> I need to know what's the difference between HISTOGRAM and
>> HIST_EQUAL functions, I don't find so much info about this.
>>
>> Is HIST_EQUAL a graphics of density distribution ?
>
> HIST_EQUAL is a histogram equalization method, whereby
> the pixel values in an image are changed and re-distributed
> in such as way that if you took a histogram of a histogram-
> equalized image, there would be approximately the same
> number of pixels in each histogram bin.
>
> HISTOGRAM is a function for performing black magic on
> IDL arrays...