
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 a 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...
