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Subject: Re: linear-space image converted to log-space

Posted by [jkj](#) on Sun, 24 Feb 2008 02:04:47 GMT

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> Is it not just `image = alog10(image)`, with the proper use of `finite()`

> and `where()` to trap errors?

No [but thanks!], that would take the data into log space and leave the same number of pixels representing a given "row/frequency" of the data. I need to expand the low frequency portion of the image so that portions which only received 1 pixel now are smeared out over multiple pixels in the low freq. range. The data itself does not change, just the percentage of the image it receives - low frequency elements are smeared out broadly while high frequency elements (less interesting in this case) are highly compressed.

I suspect I should be able to do this with `interpolate`, so that is what I'm trying to pencil out.

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