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Subject: Re: bad column in image  
Posted by [Amanda](#) on Fri, 05 Jun 2009 19:22:06 GMT  
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Ok, the interpolation sounds like a much better idea, but is "interpol" only for vectors? I tried using it with mine and only got a syntax error. I know there's also an "interpolation" function, but I have no idea how to use it.

Amanda

On Jun 3, 5:11 pm, David Fanning <n...@dfanning.com> wrote:

> Amanda writes:

>> I was just using the where function, like this: arr(where(arr[1440,\*]  
>> GT 1000))=3Dmean(arr) but I don't know if that's how I should be doing  
>> it.

>

> No, that's not the way you should be doing it. :-)

>

> I would do it like this:

>

> badcol = arr[1440,\*]  
> indices = Where(badcol GT 1000, count)  
> IF count GT 0 THEN badcol[indices] = Mean(arr)  
> arr[1440,\*] = badcol

>

> Using the mean of the array is sketchy. Perhaps some  
> kind of interpolation method would be better:

>

> [http://www.dfanning.com/math\\_tips/easyinterp.html](http://www.dfanning.com/math_tips/easyinterp.html)

>

> Cheers,

>

> David

> --

> David Fanning, Ph.D.

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> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")