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Subject: How to add standard gaussian noise to a image pixel

Posted by [coold](#) on Wed, 05 Jan 2005 19:09:28 GMT

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Could you please suggest how I can add standard gaussian noise with zero mean and standard deviation of different values like .5, 1, 1.5 in IDL

I have tried the following as mentioned in IDL help guide

`nx=60`

`ny=60`

`nz=100`

`noisy[*,*,*] = original[*,*,*] + randomn(seed,nx,ny,nz)`

But the spectrum(output) I get for each pixel is not like expected.

Thanks for any help.

coold

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