

---

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

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

[View Forum Message](#) <> [Reply to Message](#)

---

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

---