
Subject: Re: How to add 5% poisson noise for a image in IDL

Posted by [wlandsman](#) on Fri, 12 Apr 2013 11:33:52 GMT

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On Friday, April 12, 2013 7:29:09 AM UTC-4, wlandsman wrote:

Ooops, found a bug in the code as soon as I posted it. I left out the number of values to compute in RANDOMU

```
function addpoisson,im, seed = seed
h = histogram(im, min=0, reverse=rr)
newim = im

for i = 0,N_elements(h)-1 do begin
  if h[i] NE 0 then begin
    sub = rr[rr[i]:rr[i+1]-1] ;Get subscripts
    newim[sub] = randomu(seed,N_elements(sub),poisson=i)
  endif
endfor

return, newim
end
```
