
Subject: Re: Scale the psf on images.

Posted by [anes.tziamtzis](#) on Wed, 14 Jan 2015 06:50:17 GMT

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Hi Russel,

Thanks a lot for your tip. I need to ask something extra. I used the following:

```
fits_read, 'im1.fits', image1, header1
```

```
fits_read, 'im2.fits', image2, header2
```

```
fits_read, 'im1.fits.psf.1.fits', image3, header3
```

```
fits_read, 'im2.fits.psf.1.fits', image4, header4
```

```
;Compute the difference kernel
```

```
psf1=fft(image3)
```

```
psf2=fft(image4)
```

```
kernel = REAL_PART(FFT(psf1/psf2, /INVERSE))
```

```
image2_prime = convolve(image2, kernel)
```

```
diff = image1 - image2_prime
```

```
WRITEFITS, 'im_conv.fits', diff, header1
```

```
end
```

No stars are seen in the resulting image, but the background has crazy values. The range is from $-9e-8$ to $9e8$. What I have done wrong here?
