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 sometihng 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?