
Subject: Re: fft and least squares problem
Posted by [rogass](#) on Thu, 16 Aug 2012 09:13:49 GMT
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Am Mittwoch, 15. August 2012 01:53:13 UTC+2 schrieb Craig Markwardt:

> On Tuesday, August 14, 2012 2:22:11 PM UTC-4, (unknown) wrote:
>
>> Finally, I found the mistake - sitting in front of this pc :)
>
>
>
> OK.
>
> So summarize for us: what was wrong, and what did you change to fix it?
>
>
>
> Craig

Hi,
the following was missing:

```
wx-=s[0]/2  
wy-=s[1]/2
```

However, the solution is noise sensitive. Smoothing the data beforehand helps :)

Changing:
phase=atan(imaginary(corr)/real_part(corr))
to:
phase=atan(corr,/phase)

additionally reduces processing time. Thanks to Helder.

Cheers

CR
