
Subject: Re: unwrap modulo 2pi

Posted by [Dave Greenwood](#) on Wed, 07 Feb 2001 18:29:12 GMT

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graham_wilson@my-deja.com wrote:

```
> My appologies for not being explicit enough...
>
> IDL> a=[2,4,6,8,10,12]
> IDL> a=[2.,4.,6.,8.,10.,12.]
> IDL> b=2*!PI
> IDL> c=a mod b
> IDL> print, c
>    2.00000  4.00000  6.00000  1.71681  3.71681  5.71681
>
> What I mean by 'unwrapping' is: Given I know 'c' and 'b' how do I
> explicitly find a?
```

Surely I must be missing something(?):

```
IDL> print, c + fix(a/b)*b
    2.00000  4.00000  6.00000  8.00000  10.0000  12.0000
```

Dave

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%STD-W-DISCLAIMER, I only speak for myself
