
Subject: Re: SHIFT Function

Posted by [zolile mtumela](#) on Tue, 28 Feb 2012 18:20:48 GMT

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On Feb 28, 8:00 pm, Yngvar Larsen <larsen.yng...@gmail.com> wrote:

> On Feb 28, 8:05 am, zolile mtumela <zolilemtum...@gmail.com> wrote:

>

>> I got centre frequency(freq_centre=2.35e-3),

>> From the data, period (T=20), number of elements(Ny=360), data for

>> 2hours.

>> freq_centre = 2.35e-3

>> Freqc=(freq_centre/(1/(Ny*T)))

>> print,freqc

> [...]

>> On calculating Freqc , I supposed to get around 17 but on the program

>> its print infinite ,

>

> My guess is that you are doing integer division in the denominator.

>

> IDL> T = 20

> IDL> Ny = 360

> IDL> print, 1/(Ny*T)

> 0

> IDL> freq_centre = 2.35e-3

> IDL> print, freq_centre/(1/(Ny*T))

> Inf

> % Program caused arithmetic error: Floating divide by 0

> IDL> print, freq_centre/(1./(Ny*T))

> 16.9200

>

> --

> Yngvar

thank you so much, Its working as you showed!
