
Subject: Re: Subscripts with greek symbols

Posted by [David Fanning](#) on Sun, 21 Apr 2013 00:05:25 GMT

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Harish Khandrika writes:

> I am trying to create a plot with axis titles that have greek letters and greek subscripts, however I'm having a hard time trying to get it to do what I would like it to do. In tex-speak, I want it to display something to the effect of "\Omega_\Lambda". Presently if I do something like
>
> cgplot, findgen(10), findgen(10), xtitle='\$\Omega\$\sub\Lambda\$', this literally writes the word '\Lambda' in subscript terms.
>
> What is the correct procedure for producing "\Omega_\Lambda" or any other greek letter for a subscript/superscript?
>
> Any help would be greatly appreciated.

Well, this is complicated. :-(

I'm going out for the evening, but this should get you going, I guess:

```
IDL> print, cgSymbol('lambda')
!4k!X
IDL> cgplot, findgen(10), findgen(10), xtitle='$\Omega$\sub!4k!X$'
```

The problem is a substitution inside a substitution. The software is not set up currently to handle something like this. I'll see what I can do about it later.

Cheers,

David

--

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")
