

---

Subject: Re: Subscripts with greek symbols

Posted by [David Fanning](#) on Sun, 21 Apr 2013 15:24:52 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

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.

I have added the ability to use Greek characters as subscripts or superscripts to the Coyote Library. In this example, you would formulate the text like this, using the "\\" symbol to indicate the Greek letter to be used:

```
cgPlot, cgDemoData(1), XTitle='\Omega$\sub\\lambda$', Charsize=2.0
```

To create a superscript, you could do this:

```
cgPlot, cgDemoData(1), XTitle='\Omega$\up\\lambda$', Charsize=2.0
```

You will need to update your `cgCheckForSymbols` program:

```
http://www.idlcoyote.com/programs/cgcheckforsymbols.pro
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

---