
Subject: Re: How can we pass Greek symbols and formula to IPLOT?

Posted by [d.poreh](#) on Tue, 19 Jan 2010 08:43:56 GMT

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On Jan 18, 8:04 am, pp <pp.pente...@gmail.com> wrote:

> On Jan 18, 9:46 am, Dave_Poreh <d.po...@gmail.com> wrote:

>

>> How can we pass Greek symbols and formula to IPLOT?

>> Any help highly would be appreciated.

>

> The same way as in direct graphics. The iTools use TrueType fonts by

> default, but you can use Hershey fonts as well. For instance:

>

> iplot,findgen(10),xtitle="!10abc!X",ytitle="!Z('00B5'X)!M "+string(165B)

> +"!X"

>

> A more convenient way to write the strings for greek letters is to use

> David's greek() function:

>

> http://groups.google.com/group/comp.lang.idl-pvwave/browse_thread...

>

> It selects the strings for Hershey or TrueType based on the current

> direct graphics device. So if you are using only iplot with the

> default fonts, you can change the device to ps, to make greek() use

> the strings for TrueType:

>

> set_plot,'ps'

> iplot,findgen(10),xtitle=greek('Omega')+greek('alpha')

>

> Or, if you can live with Hershey fonts, you can use TeXtoIDL, as in

>

> iplot,findgen(10),xtitle=textoidl("\Omega\alpha"),xtickfont_index=4

>

> TeXtoIDL is at

>

> <http://physweb.mnstate.edu/mcraig/textoidl/>

Thank you very much. And a very tiny question: I could not write
formula there (in IPLOT). Like: km² and

Cheers
