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Subject: Re: EPS to PDF contour plots  
Posted by [Matt\[3\]](#) on Mon, 04 Apr 2011 20:01:45 GMT  
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On Apr 4, 2:59 pm, David Fanning <n...@idlcoyote.com> wrote:  
> Kenneth P. Bowman writes:  
>> These are rendering artifacts from converting the PS/PDF to a  
>> bitmap to display it on the screen. They are a result of the  
>> PS being comprised of a number of individual polygons.  
>> If you zoom into the PDF, you will see that the artifacts are  
>> resolution dependent.  
>  
> I agree they look \*exactly\* like rendering artifacts,  
> but I see no evidence the artifacts are resolution dependent.  
> No matter what resolution I use on that PDF file, the artifacts  
> are still there. :-(  
>

Hi Guys,

Maybe I misunderstood David's previous post... You want to see what comes up in a plotting window? I'd never actually done that before for this plot, since I almost always plot straight to PS. Anyway, here's a screen-shot of what comes up just with `ps_start` commented out: [http://dl.dropbox.com/u/13779929/IDL\\_screen\\_shot.png](http://dl.dropbox.com/u/13779929/IDL_screen_shot.png). Clearly some issues with the background color that I need to think about, but otherwise it's stripe-less. Also, if I use `/fill`, rather than `/cell_fill`, the plots look fine where there aren't missing values. I'm certain it's not something in the data.

I've just given Ken's routines a try and it looks like they might solve the problem! I'll need to play around with it a bit to get a better feel for it.

It does seem like a shame not to use contour for this. As Ken says, it's much simpler!

Cheers,

Matt

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