
Subject: Using contour in postscripts produces a "stripe" effect? - solved

Posted by [Andy Heaps](#) on Wed, 04 Nov 2009 11:42:35 GMT

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ITTVIS technical support have solved the problem with the faint white lines in colour filled contour plots in postscript. This was described in the 'Using contour in postscripts produces a "stripe" effect?' article on 15th March.

http://groups.google.com/group/comp.lang.idl-pvwave/browse_thread/thread/fd3c77e00dd840bd/d67af32fed916a02?lnk=gst&q=stripe+effect#d67af32fed916a02

A sample IDL colour filled contour postscript file and the PNG output from `convert -trim idl.ps idl.png`

run on a Linux box are available at:

http://ncas-climate.nerc.ac.uk/ajh/white_lines/cylin3.ps

http://ncas-climate.nerc.ac.uk/ajh/white_lines/cylin3.png

The problem here is not with the postscript file but in the external viewers use of anti-aliasing on the IDL postscript file to produce the output figure. Turning off the anti-aliasing removes the faint white lines on the external viewers as below.

Windows

gsview -> Media -> Display settings -> Text alpha -> 1 bit

Illustrator -> Edit -> Preferences -> General -> Anti-Aliased artwork

Linux, Solaris and Mac

`convert +antialias idl.ps idl.png`

`convert +antialias idl.ps idl.pdf`

Mac

Preview -> disable smooth text and graphics button

Cheers

Andy
