Subject: Re: IDL 8.0 Contour function artifact
Posted by Paul Van Delst[1] on Fri, 24 Sep 2010 16:58:42 GMT
View Forum Message <> Reply to Message

yes I see it. Ugh. It looks like the NG contour is generating extra points in the contour lines that are the source of
the jaggy-ness. If you take out every second point (and squint a bit) in the NG output, the contours appear to agree
with the smoother DG output.

Vierd.

Paul wrote:
> I've noticed an irritating - I'm going to say it's an artifact - in
> the new contour function. Take
>
> myData = [[32.7759, 30.8012, 27.8589, 24.6717, 22.2133, 20.4595,
> 19.0960, 18.1344, 17.4240, 16.8068, 16.2542], $
> [19.7536, 18.1935, 16.3065, 14.5951, 13.7175, 13.4065, 13.3468,
> 13.6542, 14.1716, 14.7347, 15.3102]]
> CONTOUR, myData
> !null = CONTOUR(myData)
>
> You get it, too? Ideas? (If you're not seeing it, the contour function
> on my machines here creates a bit of a jagged mess, while the contour
> procedure plots nice, smooth lines.)