Subject: Re: plot

Posted by rogass on Mon, 02 Nov 2009 23:25:30 GMT

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On 30 Okt., 17:23, bing999 <thibaultga...@gmail.com> wrote:

- > No, i don't want the contour to be based on the weight of the points,
- > neither set the important points by myself (i want to do it
- > automatically for several plots...)
- > Going back to the sketch:):

>

Р

>

> PaP

> PaaP > PaaaP

>

- > I just want the contour to connect all the points on the very left,
- > right, top and bottom, that is to say, all the P points = the
- > surrounding points actually.
- > > Cheers

Hi,

I think, you should apply some kind of linescan of rounded coordinates of your scatter gram, so you would determine the first "fit" and the last "fit" within a scanned line (column or row) with your rounded data points, determine for each fit within the line its nearest neighbour and store them. Then, you scan the next line and so on. After this you can connect your stored points by computing lines between the points, round the coordinates of the lines, sort the unique entries and store them and so on... Maybe it's a typical clipping problem which can be combined with some nearest neighbor approaches...

Only my 2 cents

Regards

CR