
Subject: Re: How to perform a diagramm like these ?
Posted by [greg michael](#) on Sun, 09 Jul 2006 14:44:09 GMT
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I think minimising the area won't get the result you want. I could imagine many islands enclosing points connected by filament contour tunnels. In the limit you could enclose all the points with zero area. So I think you need also to specify some kind of minimum area cell-size. If you break your area into an x-y grid this way, then it's just a matter of counting how many points in each cell, and contouring the x% densest ones. If you have a huge number of points, I would guess that this works quite well. If not so many, then you might have to do something cleverer - like generating a sum of gaussian distributions with some radius centred on your points, and contouring that.

regards,
Greg
