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Subject: Density from scattered points

Posted by [Simon de Vet](#) on Fri, 25 May 2001 14:31:34 GMT

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Hello!

I have a set of 10,000 points, each with specific X and Y locations. Is there an easy way to convert the discrete points into a density array suitable for plotting with Contour, or for fitting a surface? I just need a simple function to subdivide the region into squares, and assign a density based on the number of points which fall within a particular square.

I think I could probably write something from scratch, but it seems that this is something that should be out there already...

Any ideas?

Simon

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