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Subject: Re: Cluster analysis

Posted by [Ewan A. Macpherson](#) on Fri, 27 Feb 1998 08:00:00 GMT

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John Dickson wrote:

- >
- > I have a 3D image array containing a series of clusters
- > of pixels of value 1, in a sea of value zero pixels.
- >
- > Has anyone an idea on how to produce an algorithm to count
- > the number of pixels in each of these clusters?

Are these contiguous clusters or just regions of higher density? If the former, you could easily use a minimum spanning tree algorithm to identify and label the clusters. I have some (inefficient, I fear) PV-Wave code you'd be welcome to.

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Ewan Macpherson

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