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Subject: Erosion/Dilation Operators

Posted by [davidf](#) on Mon, 17 Feb 1997 08:00:00 GMT

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Hi,

Does anyone have any practical experience using the erosion and dilation operators in IDL? I can't make much sense of the documentation. In particular, I can't figure out what a good structuring element would be.

I am working with ice flow data. I want to calculate the size of the ice flows, but first I have to pick them out. I've fooled around with thresholding, edge operators, etc., but in the end the data is still "messy", without clearly defined boundaries, or with small "artifact" ice flows inside the larger, definatate ice flows. I thought erosion and dilation would be a good way to clean up the data, but I can't see how it works exactly.

I would appreciate any and all suggestions.

Thanks,

David

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