
Subject: Re: Technique to find maximum in 100x100 element moving box
Posted by [lecacheux.alain](#) on Wed, 12 Oct 2016 21:38:31 GMT

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Le mercredi 12 octobre 2016 23:23:22 UTC+2, Samantha Tushaus a écrit :

> I have a 3200x3248 array (satellite swath), and I would like to find the maximum value in a 100x100 element moving box. It's exactly like using smooth or convol to find the mean in a 100x100 element moving box, but I need the max. Right now I have it hard-coded with FOR loops to take into account the edges, but it's veeeeery slow.

>

> Does anyone have any advice on how to speed this up using IDL functions (rebin, histogram, anything of that sort)?

>

> Thanks for your time!

`max_array = dilate(your_array, replicate(1,100,100), /GRAY) ?`
