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Subject: Re: Local max filter

Posted by [air\\_jlin](#) on Tue, 21 Aug 2001 22:57:50 GMT

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hi Kyle,

i think what you're looking for is in Ray Sterner's Johns Hopkins library (extremes.pro and extremes\_2d.pro), although in those routines the filter width is fixed. below is the link to Martin Schultz's web listing of the library:

[http://www.mpimet.mpg.de/~schultz.martin/idl/html/libjhuapls\\_1r.html](http://www.mpimet.mpg.de/~schultz.martin/idl/html/libjhuapls_1r.html)

best,  
-Johnny

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rkj@dukebar.crml.uab.edu (R. Kyle Justice) wrote in message  
news:<9lu862\$ci1\$1@SonOfMaze.dpo.uab.edu>...

> I am trying to implement a local max filter  
> without loops. Has this been done?  
>  
> (Given an array and a filter width, return an  
> array containing the array value if it is  
> a local max, 0 if not)  
>  
> For instance,  
>  
> 3 4 7 2 6 4 9 8 3  
>  
> would be  
>  
> 0 0 7 0 0 0 9 0 0  
>  
> for a width of 5.  
>  
> Kyle J.

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