Subject: Re: Filter image with moving window and averaging pixels
Posted by David Fanning on Wed, 31 Jan 2007 19:55:05 GMT
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rpertaub@gmail.com writes:

> I need to filter some noise out of an image and was pointed towards
> making a moving/sliding window (size, say 7x7) and compare the center
> pixel with surrounding pixels right next to border (ignoring middle
> pixels). And compare the value of center pixel with the border average
> pixels and thus filter out noise. However, I am not sure how to do
> this.
> Anyone has any idea?
> Did I say I was new to IDL...?
> Thanks for all your help,
> my last query was met by very helpful replies, and I am grateful!

I think I would start with SMOOTH, or perhaps MEDIAN,
and then let us know how you are getting on. :-)

Cheers,

David

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Coyote's Guide to IDL Programming: http://www.dfanning.com/