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Subject: Re: Extracting average pixel value  
Posted by [jameskuyper](#) on Fri, 24 Apr 2009 09:53:22 GMT  
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Bennett wrote:

> On Apr 23, 1:00 pm, Bennett <juggernaut...@gmail.com> wrote:  
...  
>> In IDL you can do a  
>> newArray = CONVOL(imageArray, [[1,1,1],[1,0,1],[1,1,1]], /CENTER)  
>> This will compute the average value in a 3x3 box around each pixel  
>> (except  
>> the edge pixels which you can set to zero or truncate or handle  
>> separately...  
>> whatever you please really. Who needs edges anyway, right?)  
>>  
>> Bennett  
>  
> I forgot to say also divide your resulting newArray by 8.

Alternatively, you could divide the array of weighting factors by 8.

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