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Subject: Low pass filter - Problem with kernel  
Posted by [Vidhya](#) on Tue, 03 Oct 2006 11:23:48 GMT  
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Dear All,

Stuck with the error message:

```
"% CONVOL: Incompatible dimensions for Array and Kernel.  
% Execution halted at: $MAIN$"
```

while trying to apply a low pass filter to one of my image data.

The array dimensions for kernel is

```
IDL> help, kernel
```

```
KERNEL      FLOAT    = Array[3, 3]
```

```
IDL> help, column_log
```

```
COLUMN_LOG   FLOAT    = Array[1, 374]
```

Since i am new to IDL, your help is appreciated.

Is it that the array size for kernel should be less than the image size?

Also, I have serious troubles in redirecting the results to HDF format.

Unfortunately, I am able to create a HDF file but to see only a noisy data without any image.

Thanks in advance,

Vidhya Kamalesh

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