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Subject: How to perform the 1-D signal filter?  
Posted by [duxiyu@gmail.com](mailto:duxiyu@gmail.com) on Fri, 01 Feb 2008 10:20:52 GMT  
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Dear all,

Here I give a signal example and hope someone can show me how to perform the frequency filter on it.

```
;creat a signal data with two peaks in frequency domain at 2 and 3 Hz.  
t=findgen(1000)/10.  
data=sin(2*pi*2*t)+sin(2*pi*3*t)
```

```
freq=findgen(501)/100.  
v=fft(data)  
plot,freq,abs(v[0:500])^2,xtitle='frequency',ytitle='spectru m'
```

I want to filter the signal with the frequency higher than 2.5 Hz. How do I do this?

I have read the help files about Digital\_Filter and Convolve, but I do not know how to select the parameters for Signal\_Filter.

Du

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