Subject: Newbie Question

Posted by Dan Fletcher on Mon, 23 Aug 1999 07:00:00 GMT

Hello:

I'm new to IDL and am implementing some signal processing code. I have
an array corresponding to a set of n time series, each with m points. I
want to filter each time series so I'm using the following code to
filter the first time series

Coeff=DIGITAL_FILTER(Flow,Fhigh,50,40)
FilteredTestDataSub=CONVOL(Data[0,*],Coeff)

When I do this, I get an error that says

CONVOL: Kernel's dimensions are incompatible with operand's.

I think this is because the Data[0,*] gives a 1xm array rather than a
vector of length m. I can't figure out any way to change that 1xm array
into a vector without a FOR DO loop. Is there some simple way to solve
this problem?

Thanks for any help,
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