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Subject: FFT wierdness in WAVE

Posted by [howie](#) on Wed, 27 Mar 1996 08:00:00 GMT

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Can anyone here enlighten me on why the plots produced with the following commands are so different?

Other vector lengths which produce this strange behavior are;

5788 5788+16 5788+48

9848 9848-16 9848-32

and others

> plot,abs(fft(findgen(8395),-1)) - works!

> plot,abs(fft(findgen(8396),-1)) - fails! Peaks where none should be.

The contents of the vector do not matter. When the vector length is 8396 you get a spike on top of the proper spectrum.

Any ideas?

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