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Subject: Re: FFTs in IDL

Posted by [Achim Hein](#) on Tue, 27 Feb 1996 08:00:00 GMT

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<As far as I understand the FFT pro in PV-Wave is using the basic Cooley -  
<Tukey  
<algorithm which works best with the arrays that are power of two. There  
<is a  
<number of better routines, one, for instance written by Ron Mayer which  
<includes many optimizations and is quite fast.

<I wonder if anybody ( I mean users ) managed to write or adopt any other  
<than  
<the abovementioned "basic" pro for the Wave....

And thats exactly the point where this discussion began.'Is zero-padding a  
stupid thing to do'?!

But I have to transform arrays gt 2 GByte (naturally power of two) and I  
am very interested in 'high speed' Fourier-Transform-Algorithms. Is there  
a paper of Ron Mayer or anything else?

Thanks

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