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1-Jan-2001.

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filtering algorithm [2] where the filter  $g$  is a simple combination of polynomial of degree  $n - 1$ . Convolution between a signal  $l$  and the filter  $g$  can be written as  $l * g = r * g^{-n}$  (3) where  $r$  is the  $n$ -th integral of the signal, and the  $n$ -th derivative of the filter.

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Signal ...

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applications such as video processing and four-dimensional medical imaging.

Fast Algorithms for Signal Processing:  
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A fast Fourier transform (FFT) is an algorithm that computes the discrete Fourier transform (DFT) of a sequence, or its

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inverse (IDFT). Fourier analysis converts a signal from its original domain (often time or space) to a representation in the frequency domain and vice versa. The DFT is obtained by decomposing a sequence of values into components of different frequencies.

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Fast Fourier transform - Wikipedia

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