

Fast Algorithms For Signal Processing

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Fast Algorithms for Signal Processing: Acknowledgments. @inproceedings{Blahut2010FastAF, title={Fast Algorithms for Signal Processing: Acknowledgments}, author={R. Blahut}, year={2010}} R. Blahut. Published 2010. Computer Science. Efficient algorithms for signal processing are critical to very large scale future applications such as video processing and four-dimensional medical imaging.

[PDF] Fast Algorithms for Signal Processing ...
E., Feig and S., Winograd, Fast Algorithms for the Discrete Cosine Transform, IEEE Transactions on Signal Processing, SP-40, 2174-2193, 1992. C. M. , Fiduccia , Polynomial Evaluation via the Division Algorithm - The Fast Fourier Transform Revisited , Proceedings of the 4th Annual ACM Symposium on the Theory of Computing , 88-93, 1972 .

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Lizhi C and Zengrong J (2001) An efficient algorithm for cyclic convolution based on fast-polynomial and fast-W transforms, Circuits, Systems, and Signal Processing, 20:1, (77-88), Online publication date: 1-Jan-2001.

Fast Algorithms for Digital Signal Processing | Guide books
Heckbert has developed an effective filtering algorithm [2] where the filter h is a simple combination of polynomial of degree $n-1$. Convolution between a signal x and the filter h can be written as $y[n] = \sum_{k=0}^{n-1} x[n-k] h[k]$ where x is the n -th integral of the signal, and the n -th derivative of the filter.

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Fast Algorithms for Multidimensional Signals - Wikipedia
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Fast Algorithms for Signal Processing; Blahut, Richard E ...
A fast Fourier transform (FFT) is an algorithm that computes the discrete Fourier transform (DFT) of a sequence, or its 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.

Fast Fourier transform - Wikipedia
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