Abstract

The Fast fourier transform, abbreviated as FFT, is perhaps the most important algorithm of all time. It allows bla bla bla

Keywords: Fast fourier transform, audio processing

Table of Contents

1 Introduction

This paper bla bla bla

2 Introduction

This paper bla bla bla

2.1 Fourier series and transform

The continuous Fourier transform ...

2.2 Discrete fourier transform

2.2.1 Definition

2.2.2 DFT matrix

2.3 Fast fourier transform

2.3.1 FFT matrix

2.3.2 Algorithmic Complexity

2.4 Signal processing applications

2.5 Use in Digital audio processing

Example citation [1].

References

[1] P. Duhamel and M. Vetterli, "Fast fourier transforms: A tutorial review and a state of the art," *Signal Processing*, vol. 19, no. 4, pp. 259–299, 1990. [Online]. Available: https://www.sciencedirect.com/science/article/pii/016516849090158U