

Resource Summary Report

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FFT Library

RRID:SCR_002698

Type: Tool

Proper Citation

FFT Library (RRID:SCR_002698)

Resource Information

URL: <http://www.loni.usc.edu/Software/FFT>

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Description: Java library used for the execution of discrete Fourier transforms in 1-D, 2-D and 3-D through the implementation of Fast Fourier Transform (FFT) algorithms. * The FFT library has been written in Java for portability across different platforms, integrated into a single jar file for easy implementation. * The FFT library provides forward and backward fast Fourier transforms in 1-D, 2-D and 3-D with an easy-to-use manner. * The FFT requires the length equal to a number with an integer power of two. This library automatically examines the input data and detects the length to prevent improper execution.

Abbreviations: FFT Library

Synonyms: Fast Fourier Transform JavaLibrary, FFT Java library, Fast Fourier Transform Library, Fast Fourier Transform (FFT) JavaLibrary

Resource Type: software toolkit, image processing software, software resource, software library, data processing software, software application

Defining Citation: [PMID:24822428](https://pubmed.ncbi.nlm.nih.gov/24822428/)

Keywords: fourier transform, fast fourier transform, magnetic resonance

Funding: NIBIB 9P41EB015922-15;
NCRR 2-P41-RR-013642-15;
NCRR U54 RR021813

Availability: Free, Freely available

Resource Name: FFT Library

Resource ID: SCR_002698

Alternate IDs: nif-0000-23324

Alternate URLs: <http://www.nitrc.org/projects/fft> <http://www.loni.ucla.edu/Software/FFT>

License: LONI Software License

Record Creation Time: 20220129T080214+0000

Record Last Update: 20260803T040342+0000

Ratings and Alerts

No rating or validation information has been found for FFT Library.

No alerts have been found for FFT Library.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.