Resource Summary Report

Generated by <u>NIF</u> on May 23, 2025

FFT Library

RRID:SCR_002698 Type: Tool

Proper Citation

FFT Library (RRID:SCR_002698)

Resource Information

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

Proper Citation: FFT Library (RRID:SCR_002698)

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 library, data processing software, image processing software, software application, software toolkit, software resource

Defining Citation: PMID:24822428

Keywords: fourier transform, fast fourier transform, magnetic resonance

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

Availability: LONI Software License

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

Record Creation Time: 20220129T080214+0000

Record Last Update: 20250523T054257+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: <u>SciCrunch Registry</u>

Usage and Citation Metrics

We have not found any literature mentions for this resource.