

# Resource Summary Report

Generated by PRECISE-TBI on Sep 7, 2026

## FFTW

RRID:SCR\_016554

Type: Tool

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### Proper Citation

FFTW (RRID:SCR\_016554)

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### Resource Information

**URL:** <http://www.fftw.org/>

**Proper Citation:** FFTW (RRID:SCR\_016554)

**Description:** Software as a C subroutine library for computing the discrete Fourier transform (DFT) in one or more dimensions, of arbitrary input size, and of both real and complex data (as well as of even/odd data, i.e. the discrete cosine/sine transforms or DCT/DST).

**Abbreviations:** FFTW

**Synonyms:** Fastest Fourier Transform in the West

**Resource Type:** software library, software resource, software toolkit

**Defining Citation:** [DOI:10.1109/JPROC.2004.840301](https://doi.org/10.1109/JPROC.2004.840301)

**Keywords:** library, collection, fast, C routine, compute, discrete, Fourier, transform

**Availability:** Free, Available for download, Freely available

**Resource Name:** FFTW

**Resource ID:** SCR\_016554

**License:** GNU General Public License

**Record Creation Time:** 20220129T080331+0000

**Record Last Update:** 20260905T132810+0000

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### Ratings and Alerts

No rating or validation information has been found for FFTW.

No alerts have been found for FFTW.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 17 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Ramamurthy M, et al. (2026) Visual processing is a language-agnostic window into heterogeneity in early reading development. *Current biology : CB*, 36(11), 2795.

Moore WA, et al. (2025) Automatic Phenotyping Using Exhaustive Projection Pursuit. *bioRxiv : the preprint server for biology*.

Moore WA, et al. (2025) Automatic phenotyping using exhaustive projection pursuit. *Communications biology*, 8(1), 1207.

Fu X, et al. (2024) A modified phase-retrieval algorithm to facilitate automatic de novo macromolecular structure determination in single-wavelength anomalous diffraction. *IUCrJ*, 11(Pt 4), 587.

Esch L, et al. (2024) Online functional connectivity analysis of large all-to-all networks in MNE Scan. *Imaging neuroscience (Cambridge, Mass.)*, 2.

Africa PC, et al. (2023) lifex-ep: a robust and efficient software for cardiac electrophysiology simulations. *BMC bioinformatics*, 24(1), 389.

Mooshagian E, et al. (2021) Local field potentials in the parietal reach region reveal mechanisms of bimanual coordination. *Nature communications*, 12(1), 2514.

Dikker S, et al. (2021) Crowdsourcing neuroscience: Inter-brain coupling during face-to-face interactions outside the laboratory. *NeuroImage*, 227, 117436.

Peng B, et al. (2019) Accelerating 3-D GPU-based Motion Tracking for Ultrasound Strain Elastography Using Sum-Tables: Analysis and Initial Results. *Applied sciences (Basel, Switzerland)*, 9(10).

Žuži M, et al. (2018) Impact of Dehazing on Underwater Marker Detection for Augmented Reality. *Frontiers in robotics and AI*, 5, 92.

Bobin M, et al. (2018) Design and Study of a Smart Cup for Monitoring the Arm and Hand Activity of Stroke Patients. *IEEE journal of translational engineering in health and medicine*, 6, 2100812.

Makra P, et al. (2018) Spectral and Multifractal Signature of Cortical Spreading Depolarisation in Aged Rats. *Frontiers in physiology*, 9, 1512.

Lynch-Aird N, et al. (2018) Comparison of Mechanical Properties of Natural Gut and Synthetic Polymer Harp Strings. *Materials (Basel, Switzerland)*, 11(11).

Lynch-Aird N, et al. (2017) Mechanical Properties of Nylon Harp Strings. *Materials (Basel, Switzerland)*, 10(5).

Maree JP, et al. (2017) Well-positioned nucleosomes punctuate polycistronic pol II transcription units and flank silent VSG gene arrays in *Trypanosoma brucei*. *Epigenetics & chromatin*, 10, 14.

Hoffman J, et al. (2016) Technical Note: FreeCT\_wFBP: A robust, efficient, open-source implementation of weighted filtered backprojection for helical, fan-beam CT. *Medical physics*, 43(3), 1411.

Seeber BU, et al. (2010) A system to simulate and reproduce audio-visual environments for spatial hearing research. *Hearing research*, 260(1-2), 1.