

Resource Summary Report

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Multi-fiber Reconstruction from DW-MRI

RRID:SCR_009509

Type: Tool

Proper Citation

Multi-fiber Reconstruction from DW-MRI (RRID:SCR_009509)

Resource Information

URL: <http://www.nitrc.org/projects/diffusion-mri/>

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Description: This program contains Python modules for modeling and reconstruction of diffusion weighted MRI data. It is a subset of the code internally used in the CVGMI lab at the University of Florida. Three different reconstruction methods are currently included in this program, namely, Mixture of Wisharts (MOW), Diffusion Orientation Transform (DOT) and Q-ball Imaging (QBI). This program is mainly developed and maintained by Bing Jian, as part of his Ph.D. research, supervised by Prof. Baba Vemuri. Please note that the source code of this program is hosted at Google Code, see the Source Code link on the left.

Abbreviations: Multi-fiber Reconstruction from DW-MRI

Resource Type: software resource

Keywords: reusable library, console (text based), diffusion mr fiber tracking, fiber tracking, magnetic resonance, os independent, python, tractography, reconstruction, mri

Availability: GNU General Public License

Resource Name: Multi-fiber Reconstruction from DW-MRI

Resource ID: SCR_009509

Alternate IDs: nlx_155669

Record Creation Time: 20220129T080253+0000

Record Last Update: 20260815T182358+0000

Ratings and Alerts

No rating or validation information has been found for Multi-fiber Reconstruction from DW-MRI.

No alerts have been found for Multi-fiber Reconstruction from DW-MRI.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.