

Resource Summary Report

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TetraMetrix

RRID:SCR_002601

Type: Tool

Proper Citation

TetraMetrix (RRID:SCR_002601)

Resource Information

URL: <http://www.nitrc.org/projects/tmma>

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Description: An open-source software project for distributed Tetrahedral Mesh Modeling and Analysis (TMMA) of multidimensional data. Tetrahedra are 3D, space filling, geometric objects that can be used to form representations and partitions of objects like volumes and shapes obtained from biomedical images (e.g., 3D MRI brain images). Tetrahedra are a natural extension of lines (1D) and surface triangulations (2D) which enable finite element analysis of irregular shapes, and permit a greater range of morphometric characterization of multidimensional objects. A beta version of the program is available for download. Please see the very brief instructions on the "Docs" tab on the left.

Abbreviations: TetraMetrix

Resource Type: software resource

Keywords: magnetic resonance, 3d, mri

Availability: Free, Available for download, Freely available

Resource Name: TetraMetrix

Resource ID: SCR_002601

Alternate IDs: nlx_156004

License: GNU Lesser General Public License

Record Creation Time: 20220129T080214+0000

Record Last Update: 20260808T185752+0000

Ratings and Alerts

No rating or validation information has been found for TetraMetrix.

No alerts have been found for TetraMetrix.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Lederman C, et al. (2011) The generation of tetrahedral mesh models for neuroanatomical MRI. NeuroImage, 55(1), 153.