GNU Octave

RRID:SCR_014398
Type: Tool

Proper Citation

GNU Octave (RRID:SCR_014398)

Resource Information

**URL:** https://www.gnu.org/software/octave/

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**Description:** A high-level language, primarily intended for numerical computations. It provides a convenient command line interface for solving linear and nonlinear problems numerically, and for performing other numerical experiments. It may also be used as a batch-oriented language. Octave has extensive tools for solving common numerical linear algebra problems, finding the roots of nonlinear equations, functions written in the Octave language, or by using dynamically loaded modules written in C, C++, Fortran, or other languages.

**Synonyms:** Octave

**Resource Type:** software resource, programming language

**Defining Citation:** DOI:10.1016/j.jprocont.2012.04.006

**Keywords:** command-line, free software, array programming, programming language, mathematics, reproducible research,

**Availability:** Free

**Resource Name:** GNU Octave

**Resource ID:** SCR_014398

**Alternate URLs:** https://directory.fsf.org/wiki/Octave, https://sources.debian.org/src/octave/

**Record Creation Time:** 20220129T080320+0000
Ratings and Alerts

No rating or validation information has been found for GNU Octave.

No alerts have been found for GNU Octave.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 49 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Gomez MA, et al. (2024) How to construct liquid-crystal spectacles to control vision of real-world objects and environments. Behavior research methods, 56(2), 563.


Fringuello AR, et al. (2024) Rapid volume pulsations of the extracellular space accompany epileptiform activity in trauma-injured neocortex and depend on the sodium-bicarbonate cotransporter NBCe1. Epilepsy research, 201, 107337.

Eastham K, et al. (2022) Not All 3MC States Are the Same: The Role of 3MCCis States in the Photochemical N=N Ligand Release from [Ru(bpy)2(N=N)]2+ Complexes. Inorganic chemistry, 61(49), 19907.


Desjardins JA, et al. (2021) EEG Integrated Platform Lossless (EEG-IP-L) pre-processing


