GNU Octave

RRID:SCR_014398
Type: Tool

Proper Citation

GNU Octave (RRID:SCR_014398)

Resource Information

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

**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.

**Resource Name:** GNU Octave

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

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

**Resource ID:** SCR_014398

**Related resources:** Mastrave modelling library


**Availability:** Free

**Website Status:** Last checked up

**Alternate URLs:** https://directory.fsf.org/wiki/Octave
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 17 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch Infrastructure](https://www.fdi-lab.org).


epithelium. Respiratory research, 19(1), 22.

Lauterbach A, et al. (2017) MALDI-TOF MS typing enables the classification of brewing yeasts of the genus Saccharomycyes to major beer styles. PloS one, 12(8), e0181694.


