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.

Resource Type: Resource, software resource, programming language

References: DOI:10.1016/j.jprocont.2012.04.006

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

Related resources: Mastrave modelling library

Availability: Free

Website Status: Last checked up

Resource Name: GNU Octave

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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 27 mentions in open access literature.

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


Farolfi G, et al. (2020) Spatial forecasting of seismicity provided from Earth observation by space satellite technology. Scientific reports, 10(1), 9696.


Leitold D, et al. (2019) Network-based Observability and Controllability Analysis of
Dynamical Systems: the NOCAD toolbox. F1000Research, 8, 646.


