

Resource Summary Report

Generated by SPARC SAWG on Jul 30, 2026

Optimization Toolbox

RRID:SCR_024486

Type: Tool

Proper Citation

Optimization Toolbox (RRID:SCR_024486)

Resource Information

URL: <https://www.mathworks.com/products/optimization.html>

Proper Citation: Optimization Toolbox (RRID:SCR_024486)

Description: Software package provides functions for finding parameters that minimize or maximize objectives while satisfying constraints. Toolbox includes solvers for linear programming, mixed integer linear programming, quadratic programming, second order cone programming, nonlinear programming, constrained linear least squares, nonlinear least squares, nonlinear equations.

Resource Type: software toolkit, software resource

Keywords: Mathworks, finding parameters, minimize or maximize objectives, linear programming solver, mixed integer linear programming solver, quadratic programming solver, second order cone programming solver, nonlinear programming solver, constrained linear least squares solver, nonlinear least squares solver, nonlinear equations solver,

Availability: Restricted

Resource Name: Optimization Toolbox

Resource ID: SCR_024486

Record Creation Time: 20231002T161336+0000

Record Last Update: 20260729T044606+0000

Ratings and Alerts

No rating or validation information has been found for Optimization Toolbox.

No alerts have been found for Optimization Toolbox.

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 [SPARC SAWG](#) .

Kyong JS, et al. (2021) Cross-Modal Cortical Activity in the Brain Can Predict Cochlear Implantation Outcome in Adults: A Machine Learning Study. The journal of international advanced otology, 17(5), 380.