

# Resource Summary Report

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## Maple

RRID:SCR\_014449

Type: Tool

### Proper Citation

Maple (RRID:SCR\_014449)

### Resource Information

**URL:** <http://www.maplesoft.com/products/Maple/>

**Proper Citation:** Maple (RRID:SCR\_014449)

**Description:** Mathematical software that can compute both numeric and symbolic solutions. It can be used to analyze, explore, visualize, and solve mathematical problems.

**Synonyms:** Maple Software, Maplesoft, Maple Soft, MapleSoft

**Resource Type:** data processing software, software application, software resource, data analysis software

**Keywords:** math, analysis, mathematics, computation, meta-analysis, numeric, symbolic

**Resource Name:** Maple

**Resource ID:** SCR\_014449

**License:** License to be purchased depends on the user/party using Maple (volume student pricing, high school licensing, community college licensing, etc.)

**License URLs:** <http://www.maplesoft.com/terms/>

**Record Creation Time:** 20220129T080320+0000

**Record Last Update:** 20260805T044326+0000

### Ratings and Alerts

No rating or validation information has been found for Maple.

No alerts have been found for Maple.

### Data and Source Information

## Usage and Citation Metrics

We found 148 mentions in open access literature.

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

Kristinsdottir IV, et al. (2025) Prevalence and Predictors of Caregiver Distress in Six European Communities: Data From the IBenC Study, Using interRAI-Home Care Assessments. *Scandinavian journal of caring sciences*, 39(1), e70005.

Evangelista P, et al. (2025) Decoding the Contribution of Shoulder and Elbow Mechanics to Barbell Kinematics and the Sticking Region in Bench and Overhead Press Exercises: A Link-Chain Model with Single- and Two-Joint Muscles. *Journal of functional morphology and kinesiology*, 10(3).

Alam BE, et al. (2025) Novel solitons in the (2+1)-dimensional Heisenberg spin chain via generalized conformable derivatives. *Scientific reports*, 15(1), 26325.

Al-Sawalha MM, et al. (2025) Chaotic analysis, hopf bifurcation and collision of optical periodic solitons in (2+1)-dimensional degenerated Biswas-Milovic equation with Kerr law of nonlinearity. *Scientific reports*, 15(1), 44322.

Spruijt MA, et al. (2025) The Efficacy of Botulinum Toxin A Injection in Pelvic Floor Muscles in Chronic Pelvic Pain Patients: A Double-Blinded Randomised Controlled Trial. *BJOG : an international journal of obstetrics and gynaecology*, 132(3), 297.

Sheth MS, et al. (2025) Factors associated with transition to a nursing home in older adults living in naturally occurring retirement communities. *Journal of the American Geriatrics Society*, 73(1), 88.

Alqhtani M, et al. (2025) Investigation of soliton solutions to the (2 + 1)-dimensional stochastic chiral nonlinear Schrödinger equation with bifurcation, sensitivity and chaotic analysis. *Scientific reports*, 15(1), 24185.

Tariq MM, et al. (2025) Unveiling chaos and stability in advection diffusion reaction systems via advanced dynamical and sensitivity analysis. *Scientific reports*, 15(1), 5513.

Tawhari QM, et al. (2025) Modeling and estimation of physiochemical properties of cancer drugs using entropy measures. *Scientific reports*, 15(1), 4785.

Paulamäki J, et al. (2025) Patient-Related Factors Associated With the Initiation of Potentially Inappropriate Medication in Home Care: An Observational Study Based on Resident Assessment Instrument Data. *Basic & clinical pharmacology & toxicology*, 136(2), e14125.

Trouba NT, et al. (2025) Optical soliton solutions of the stochastic generalized nonlinear Schrödinger equation with arbitrary refractive index in Itô sense. *Scientific reports*, 15(1), 36172.

Cheow YH, et al. (2024) The application of fractional calculus in economic growth modelling: An approach based on regression analysis. *Heliyon*, 10(15), e35379.

Khan MAU, et al. (2024) Soliton solutions of nonlinear coupled Davey-Stewartson Fokas system using modified auxiliary equation method and extended  $(G'/G^2)$ -expansion method. *Scientific reports*, 14(1), 21949.

Kawser MA, et al. (2024) Exact soliton solutions and the significance of time-dependent coefficients in the Boussinesq equation: theory and application in mathematical physics. *Scientific reports*, 14(1), 762.

Pesonen T, et al. (2024) Determinants of received care time among Finnish home care clients and assisted living facility residents: a time-motion study. *BMC geriatrics*, 24(1), 754.

Alshammari S, et al. (2024) Analysis of solitary wave solutions in the fractional-order Kundu-Eckhaus system. *Scientific reports*, 14(1), 3688.

Zhang Y, et al. (2024) Nanoscale dynamics of Dynamin 1 helices reveals squeeze-twist deformation mode critical for membrane fission. *Proceedings of the National Academy of Sciences of the United States of America*, 121(49), e2321514121.

Patsakos EM, et al. (2024) Exploring the Lived Experiences of Individuals With Spinal Cord Injury During the COVID-19 Pandemic. *Inquiry : a journal of medical care organization, provision and financing*, 61, 469580241226827.

Hussain A, et al. (2024) Dynamics of invariant solutions of the DNA model using Lie symmetry approach. *Scientific reports*, 14(1), 11920.

Muallem J, et al. (2023) Pelvic floor hypertension: possible factors for pelvic floor tenderness in endometriosis patients-a pilot study. *Archives of gynecology and obstetrics*, 308(6), 1803.