

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, data analysis software, software resource

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: 20260731T042910+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 [PRECISE-TBI](#) .

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

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.

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.

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).

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.

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.

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.