

Resource Summary Report

Generated by [Kravitz](#) on Sep 14, 2026

SCAM

RRID:SCR_014741

Type: Tool

Proper Citation

SCAM (RRID:SCR_014741)

Resource Information

URL: <https://www.swarthmore.edu/NatSci/echeeve1/Ref/mna/MNA6.html>

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Description: Software toolbox for deriving and solving circuit equations symbolically in MATLAB.

Synonyms: Symbolic Circuit Analysis in Matlab, Symbolic Circuit Analysis in Matlab (SCAM)

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

Keywords: matlab, circuit equations, symbolic solving, derivation, circuit analysis

Availability: Open source, Available for download

Resource Name: SCAM

Resource ID: SCR_014741

Record Creation Time: 20220129T080322+0000

Record Last Update: 20260912T195821+0000

Ratings and Alerts

No rating or validation information has been found for SCAM.

No alerts have been found for SCAM.

Data and Source Information

Usage and Citation Metrics

We found 43 mentions in open access literature.

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

Sudeshna S, et al. (2026) LungGANDetectAI: a GAN-augmented and attention-guided deep learning framework for accurate and explainable lung cancer detection. Scientific reports, 16(1), 4676.

Sun D, et al. (2026) A social media driven model for evaluating coupled flood damage and resilience at a fine scale. Scientific reports, 16(1).

Gergonne D, et al. (2026) Genomic Evidence for Dual Introductions, Limited Gene Flow and Niche Preferences in the Invasive Wasp *Vespula germanica* in South Africa. Molecular ecology, 35(1), e70217.

Benoit J, et al. (2026) Early synapsids neurosensory diversity revealed by CT and synchrotron scanning. Anatomical record (Hoboken, N.J. : 2007), 309(4), 912.

Liu Y, et al. (2026) DARE-FUSE: domain aligned evidence guided learning for joint brain tumor MRI segmentation and classification. NPJ digital medicine, 9(1), 178.

Li R, et al. (2025) A lightweight wheat ear counting model in UAV images based on improved YOLOv8. Frontiers in plant science, 16, 1536017.

H??ppner S, et al. (2025) Deciphering the membrane topology of the pestiviral non-structural protein 4B (NS4B). Journal of virology, 99(9), e0082525.

Li R, et al. (2025) CSANet: Context-Spatial Awareness Network for RGB-T Urban Scene Understanding. Journal of imaging, 11(6).

Li Y, et al. (2025) A Reinforced, Event-Driven, and Attention-Based Convolution Spiking Neural Network for Multivariate Time Series Prediction. Biomimetics (Basel, Switzerland), 10(4).

Goult E, et al. (2024) Estimating the optimal age for infant measles vaccination. Nature communications, 15(1), 9919.

Shui L, et al. (2024) PowerEST: Statistical Power Estimation for Spatial Transcriptomics Experiments to Detect Differentially Expressed Genes Between Two Conditions. bioRxiv : the preprint server for biology.

Lu F, et al. (2023) Multi-Attention Segmentation Networks Combined with the Sobel Operator for Medical Images. Sensors (Basel, Switzerland), 23(5).

Forde A, et al. (2023) Review and further developments in statistical corrections for Winner's Curse in genetic association studies. PLoS genetics, 19(9), e1010546.

Slavetinsky CJ, et al. (2022) Sensitizing *Staphylococcus aureus* to antibacterial agents by decoding and blocking the lipid flippase MprF. *eLife*, 11.

Canete NP, et al. (2022) spicyR: spatial analysis of in situ cytometry data in R. *Bioinformatics (Oxford, England)*, 38(11), 3099.

Morris CJ, et al. (2021) A multiscale sliding filament model of lymphatic muscle pumping. *Biomechanics and modeling in mechanobiology*, 20(6), 2179.

Dubey S, et al. (2021) Topological analyses of the L-lysine exporter LysO reveal a critical role for a conserved pair of intramembrane solvent-exposed acidic residues. *The Journal of biological chemistry*, 297(4), 101168.

Blecher AS, et al. (2021) Degradation of Temminck's pangolin (*Smutsia temminckii*) scales with a keratinase for extraction of reproductive steroid hormones. *MethodsX*, 8, 101229.

Staffaroni AM, et al. (2021) Development and validation of the Uniform Data Set (v3.0) executive function composite score (UDS3-EF). *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 17(4), 574.

Chen P, et al. (2021) Asexual Experimental Evolution of Yeast Does Not Curtail Transposable Elements. *Molecular biology and evolution*, 38(7), 2831.