

Shalom Keshet

Independent Researcher
Mathematics · Computation

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Research Interests

- Algebraic and analytic transformation of piecewise-defined functions
- Conditional operators and symbolic computation
- Exploratory connections between discrete and continuous dynamical systems

Research & Preprints

A Novel Approach to Transforming Piecewise Functions
viXra:2507.0216, 2025

Publications & Writing

Books (Science / Non-fiction)

- *Herman Potočnik's Space Odyssey*

Books (Fiction)

- *The Lost Boy* (translated into Slovenian)
- *Giratina: The Distortion World*
- *What Happened to Gravity!*

Technical Skills

- Programming: Python
- Symbolic computation
- Mathematical modeling
- Scientific writing (LaTeX, Markdown)

Projects

CADS-AGRI

Computational decision-support system for agricultural analysis and modeling.

Honors & Recognition

- Camp Google, Winner (2020)
- Entrepreneurship Award, IIT Madras E-21 (2025)

Education

Independent study in mathematics, physics, and computation.