Alex Feingold

Professor
Ph.D., 1977, Yale University
At Binghamton since 1979

Areas of Interest: Algebra, Lie algebras and their representations, conformal field theory, piecewise isometry groups

Summary of research interests

Math Reviews list of published papers .
(Institutional subscription to MathSciNet is needed for viewing.)

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Fall 2025

Math 304	Section 06 :	Linear Algebra
	MWF 3:15 - 4:45	WH-G002
Math 304	Section CO :	Linear Algebra
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Math 507	Section 01 :	Linear Algebra and Matrix Theory
	MWF 1:30 - 2:30	WH-100E

Courses:

Ph. D. Students:

- Joshua Carey, Spring, 2022
  Thesis: Branching rule decomposition of the level-1 $E_8^{(1)}$-module with respect to the irregular subalgebra $F_4^{(1)} \oplus G_2^{(1)}$
- Diego Penta, Spring, 2016
  Thesis: Decomposition of the Rank 3 Kac-Moody Lie Algebra F with Respect to the Rank 2 Hyperbolic Subalgebra Fib
- Christopher Mauriello, Spring, 2013
  Thesis: Branching Rule Decomposition of Irreducible Level-1 $E_6^{(1)}$-modules with respect to $F_4^{(1)}$
- Quincy Loney, Summer, 2012
  Thesis: Decomposition of Level-1 Representations of $D_4^{(1)}$ With Respect to its Subalgebra $G_2^{(1)}$ in the Spinor Construction
- Omar Saldarriaga, Summer, 2004
  Thesis: Fusion Algebras, Symmetric Polynomials, Orbits of Elementary N-Groups, and Rank-Level Duality
- Mike Weiner, Spring, 1994
  Thesis: Bosonic Construction of Vertex Operator Para-Algebras from Symplectic Affine Kac-Moody Algebras

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Here's a link to my personal web page where you can find links to syllabi of my current and recent courses, links to pictures of my mathematical sculptures, links to the webpages I maintain for the Phi Beta Kappa liberal arts honor society, and for the Pi Mu Epsilon math honor society, as well as many other interesting links.