

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
	-	-
Math 507	Section 01:	Linear Algebra and Matrix Theory
	MWF 1:30 - 2:30	WH-100E

Spring 2026

Math 304	Section 06 :	Linear Algebra
	MWF 1:30 - 3:00	-

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

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.

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