



Alex Feingold

Professor

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

Areas of Interest: Algebra,
Lie algebras, conformal field
theory

Summary of research interests
Math Reviews list of published
papers .

(Institutional subscription to
MathSciNet is needed for
viewing.)

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▪ **Office:** WH 115

▪ **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

▪ 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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