


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.)	
E-mail:	feingold@binghamton.edu, alex@math.binghamton.edu
Office:	WH 324
Fax:	(607) 777-2450

• 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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