11-12-2015

Fusion Algebras & Accidental Trigonometry

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Recommended Citation

Goff, C. D. (2015). Fusion Algebras & Accidental Trigonometry. Paper presented at Sacramento State University Math Colloquium in Sacramento, CA.
https://scholarlycommons.pacific.edu/cop-facpres/486

MATHEMATICS COLLOQUIUM

The Department of Mathematics and Statistics welcomes

Professor Christopher Goff

The University of Pacific

Accidental Trigonometry

ABSTRACT: Have you ever been working in one area of math, and another area arises unexpectedly? While working on a problem in 2008, we inadvertently discovered some trigonometric identities. This talk will explain fusion algebras, which are relatively simple algebraic objects that demonstrate nice algebraic applications of linear algebra. Then we will see how trigonometry can arise in even this most algebraic of settings.

Thursday, November 12
3:00- 3:50 pm
Douglass Hall 105

CALIFORNIA STATE UNIVERSITY, SACRAMENTO