"What is a real life application of this?"

—Peter Park

The Trivial Notions Seminar
Proudly Announces

A Real World Application of Mathematics

A talk by
Dexter Chua

Abstract

Once upon a time, a mathematician was hired by a company. He was told to build a quantum computer. Or rather, he was told to write a compiler for quantum programs. This is more-or-less an exercise in linear algebra, i.e. extremely difficult. Somewhere in the process, he came across the Yang–Mills equations over Riemann surfaces, semistable parabolic bundles and quantum cohomology.

P.S. If you do not understand any of the above words, do not despair — neither does the speaker!

Friday, September 20th, at 12:30 pm
Science Center 530