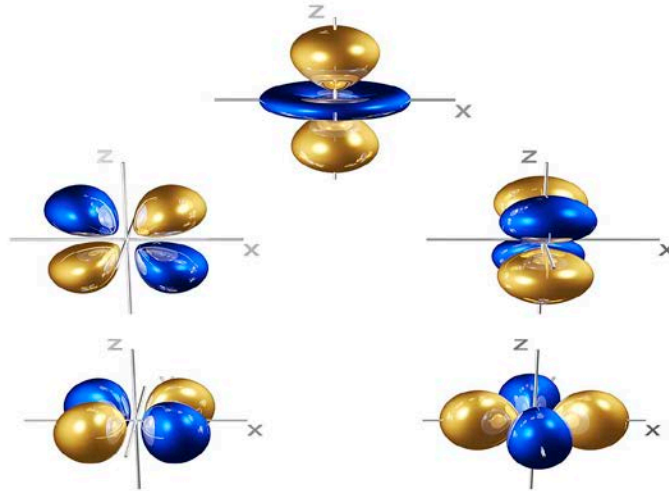# Department of Mathematics
Fall 2016 Colloquium Series

"A Mathematician's View on Quantum Mechanics"

Kenneth Owens, Humboldt State University

Thursday, November 10, 2016

Behavioral and Social Sciences Building Room 166, 4 pm

We will discuss the way in which Hermitian operator spectra represent quantum mechanical measurements. These ideas will be applied to the measurement of nuclear fusion reactivity and the results compared with theory and computer simulation. This talk will be accessible to those with a basic understanding of linear algebra and differential equations.

Kenneth Owens has been a math professor at HSU since 2001. He received a BA degree in Physics from UC Berkeley in 1984, an MA degree in Mathematics from San Francisco State University in 1989 and a PhD in Applied Mathematics from the University of Southern California in 1994. Dr. Owens has been involved in designing/constructing a 100 teraflop supercomputer on campus and previously worked at NASA's Jet Propulsion Laboratory.

For a complete abstract, go to http://www.humboldt.edu/math/news-and-events/math-colloquium

We cordially invite you to the Pre-Colloquium Tea on the third floor of the BSS building at 3:30 pm on Thursday.