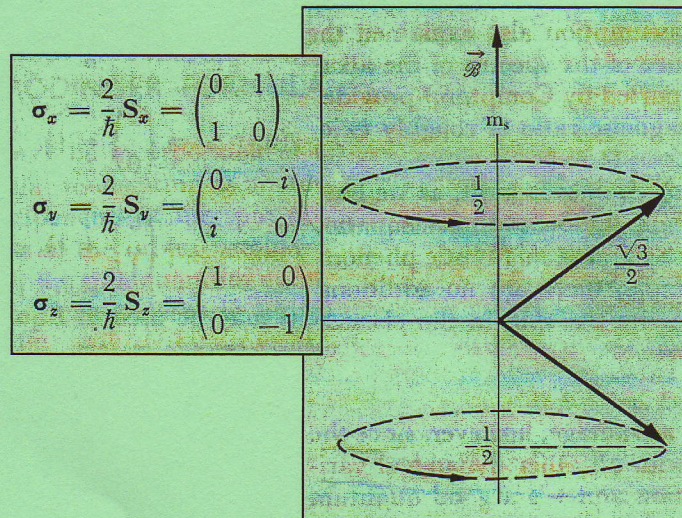


# Physics Department Seminar

Friday May 17<sup>th</sup>, 2002

11:00am in PhSc 105

## “A Mathematical Model for Spin One-Half”



Mr. Jon Nay  
Department of Physics  
California State University, Chico

### Abstract:

The space of spin-1/2 operators has "nice" topological and algebraic structures. These structures allow for the embedding of the operators into space itself. By doing this, the spin term of the Hamiltonian can be derived from a non-relativistic setting.