



Thursday, February 23, 2006

Guy Jacobsohn Memorial Mathematics Colloquium Presentation

Reception: Lobby of the Richard E. Tukey Theatre 3:00 p.m. – 3:30 p.m.

Presentation: The Richard E. Tukey Theatre 3:30 p.m. – 4:30 p.m.



## A Medley of Mathematics, Mechanics and Music

With an acoustic guitar as the principle focus, such notions from mathematics as modular arithmetic and geometric and harmonic sequences, in conjunction with phenomena from physics, such as standing wave mechanics and beat frequencies, will be addressed and demonstrated musically. Professor Hudak intends to educate, entertain, inspire, and motivate. The presentation is readily accessible to undergraduate students and a general audience.

Dr. Mike Hudak initially studied engineering physics at Cornell University. His mathematical interests include the foundational topics of set theory, logic infinitary combinatorics and forcing. Mike's primary musical focus is the blues.