

# Physics Department Seminar

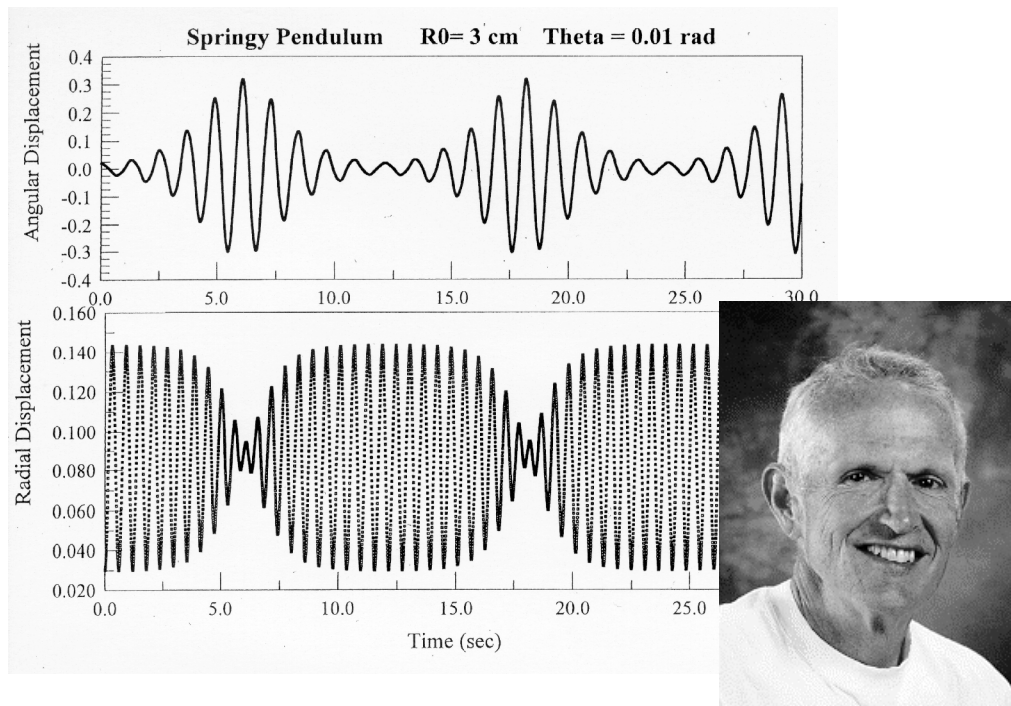
Friday April 29<sup>th</sup>, 2005

11:00am in PhSc 105

## “The Physics of a Springy Pendulum”

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### Abstract:

A mass attached to a string oscillates back and forth. A mass attached to a spring oscillates up and down. What happens to a mass attached to a springy pendulum - a mass and spring which oscillates back and forth? The mass exhibits an interesting low frequency motion when the spring and the pendulum have the same frequency. The question is exactly what physical mechanisms contribute to the low frequency?