

Physics Department Seminar

Wednesday May 15th, 2013

11:00am in PhSc 130

“Chaos and the Duffing Oscillator”



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Abstracts:

The Duffing equation is a non-linear second-order differential equation that is used to model a driven oscillator with a double well potential. Under the right conditions, it exhibits chaos. The Duffing oscillator will be presented as a physical oscillator, a numerical simulation, and an electrical analogue.

