

**Meeting:** 1003, Atlanta, Georgia, MAA CP J1, MAA Session on Projects and Demonstrations that Enhance a Differential Equations Course

1003-J1-320      **Ioana Mihaila\*** (imihaila@csupomona.edu), 3801 W. Temple Ave., Mathematics Department,  
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The harmonic oscillator is a standard topic of every differential equation course, and has numerous practical applications. This talk will present an exciting and realistic project developed to model forced oscillations and resonance. The twist in the final question of the project is inspired by a real story. (Received September 09, 2004)