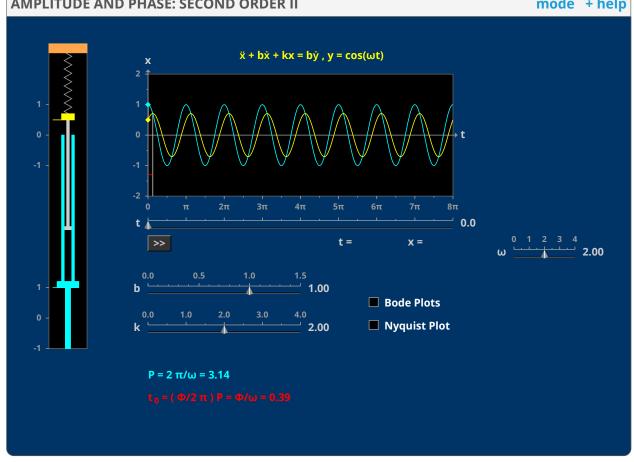


DEMOS HOME ABOUT TRAINING MATHLETS COURSES **ACTIVITIES**

AMPLITUDE AND PHASE: SECOND ORDER II

A dashpot drives sinusoidally a spring/dashpot/mass system. The predictable amplitude and phase lag of the sinusoidal system response can be understood using Bode and Nyquist plots.

Mathlet Description Activity Theory Demo Comments AMPLITUDE AND PHASE: SECOND ORDER II mode + help $\ddot{x} + b\dot{x} + kx = b\dot{y}$, $y = cos(\omega t)$





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