Practical resonance XI

Remark

1. Note that in the ideal case, pure resonance for the above system would occur if there was no damping, i.e. $b = 0$ and that would happen at

$$\omega_0 = \sqrt{\frac{k}{m}} = \sqrt{26} = 5.1$$

   Compare ω_0 for pure resonance to ω^* for practical resonance. They are indeed, very close!

2. Consider some interesting examples:
   - Resonance explained
   - Resonance in mass-spring system
   - Breaking a glass
   - Resonance in an RLC circuit
   - Tacoma Bridge, November 1940. Was not resonance