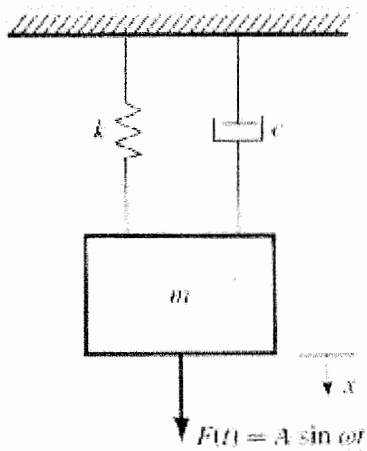


6

In the idealized model shown, $m = 1$ slug, $k = 9$ lb/ft, and the viscous damping factor is 0.15. For what range of frequency ratios will the magnification be greater than 1?



$$F(t) = A \sin \omega t$$

- a. 0 - 3.414
- b. 0 - 2.828
- c. 0 - 1.382
- d. 0 - 1.414