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Courses » Acoustic and Noise Control

Announcements

Course

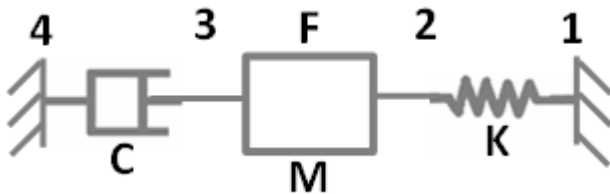
Ask a Question

Progress

Mentor

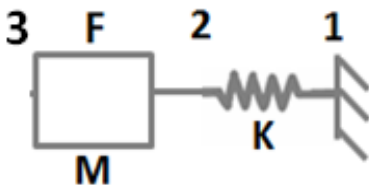
Due on 2017-10-12, 23:59 IST

1. For the system shown in figure below

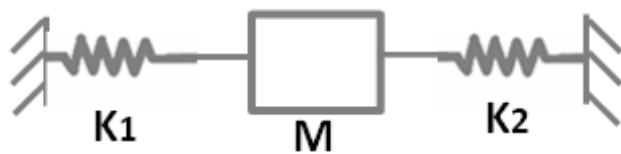


- Prove that drive point impedance $F/V = Z_m + Z_c + Z_k$
- Also write the electrical equivalent circuit for the same system.

2. For a spring mass system show in figure below, Prove that zero drive point impedance leads to resonance condition.



3. Find the impedance due to springs and mass for the system shown in the figure below using electromechanical analogy. Take $K_1 = 2 \times 10^5$ N/m, $K_2 = 4 \times 10^5$ N/m and $M = 25$ kg.

**Your Submission:**

Due Date Exceeded.

As per our records you have not submitted this assignment.

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