

# Vibrations & Control

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HW Set 7

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These problems will be due in class on Thursday, 4 November. Carefully describe what you are doing and define any symbols that you introduce

1. Ogata, Problem B-7-7.
2. Ogata, Problem B-7-9. Draw a graph of the transmissibility *vs* frequency  $\omega$ , for the case with  $m = 100\text{kg}$ ,  $k_1 = k_2 = 10,000\text{N/m}$ , and  $b = 200\text{N-s/m}$ .
3. Ogata, Problem B-7-11.
4. Ogata, Problem B-7-13.
5. Ogata, Problem B-7-14.