

Potential Bonus for Exam 2**Instructions:**

1. Solve the problem below for *potential* extra credit on Exam 2
2. If your score on this problem is greater than your lowest non-dropped problem from Exam 2, your score on this problem will replace that lowest-counted problem from Exam 2.
3. You may choose to ignore this problem without penalty.
4. This problem **must** be turned in at the start of the final exam, 8am on 3 August 2012.

1. (a) Find the reactance of the circuit at all frequencies below (symbolic formula). (b) Roughly sketch a plot of V_{in}/V_{out} versus frequency. (c) What *might* one use a filter like this for, given its output characteristics?

