

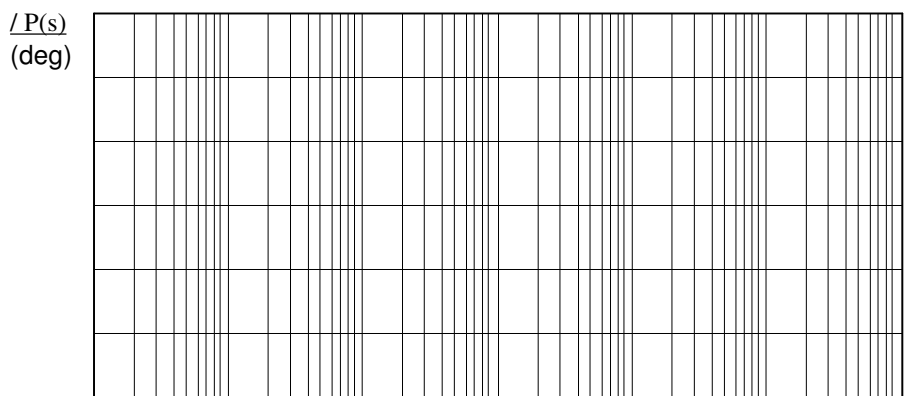
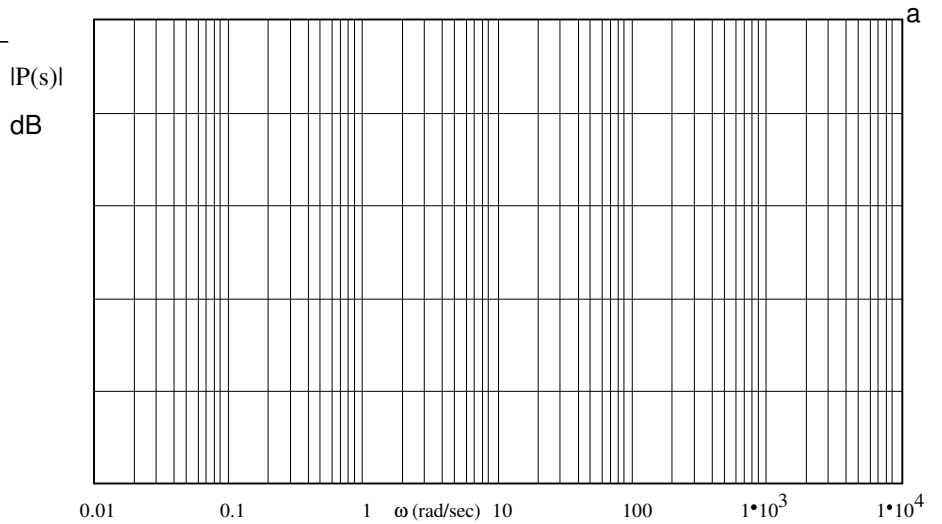
Name: \_\_\_\_\_

### Homework # Bd2

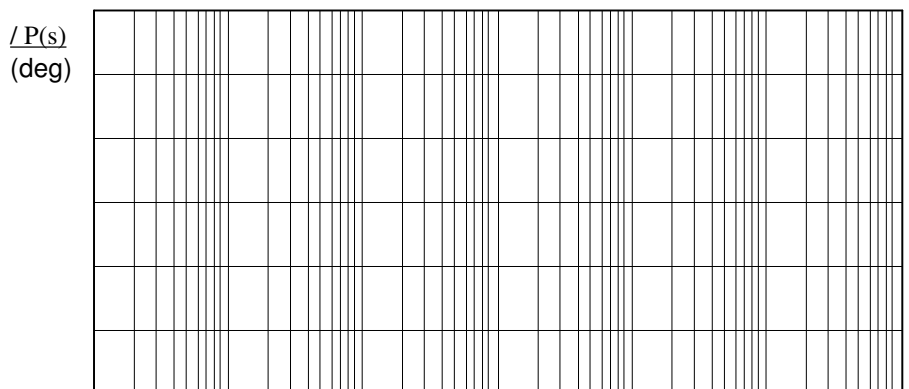
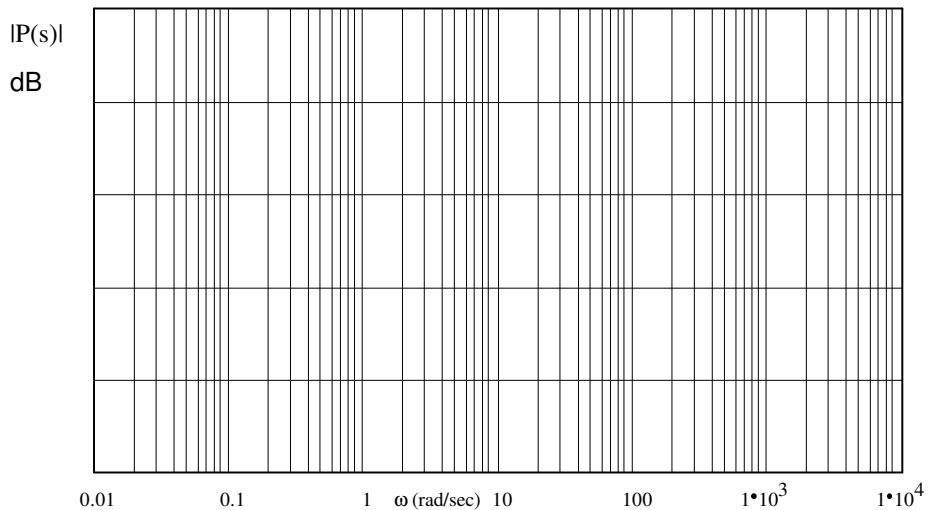
Due: Fri, 4/3/09

1. Problem 5.1c,f, in the text.

$$c) P(s) = \frac{s + 10}{s^2 + 0.1s + 1}$$

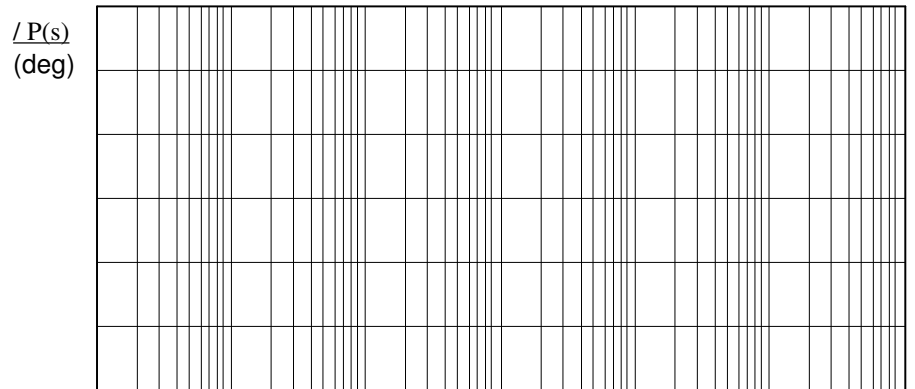
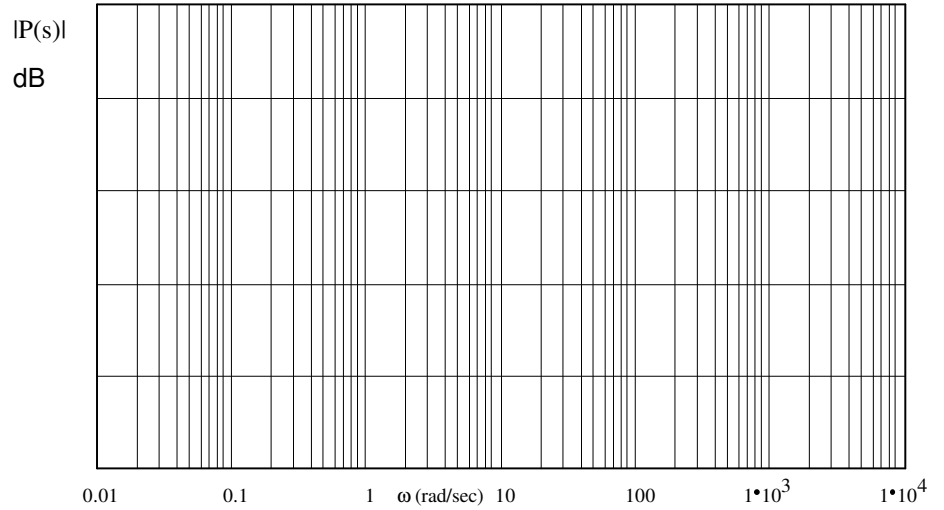


$$f) P(s) = \frac{s^2 + 2s + 100}{s^2}$$



2. Same again for the following

$$P_2(s) := \frac{(s+4) \cdot (s+2000)}{s^2 + 2 \cdot s + 1600}$$



**Answers**

