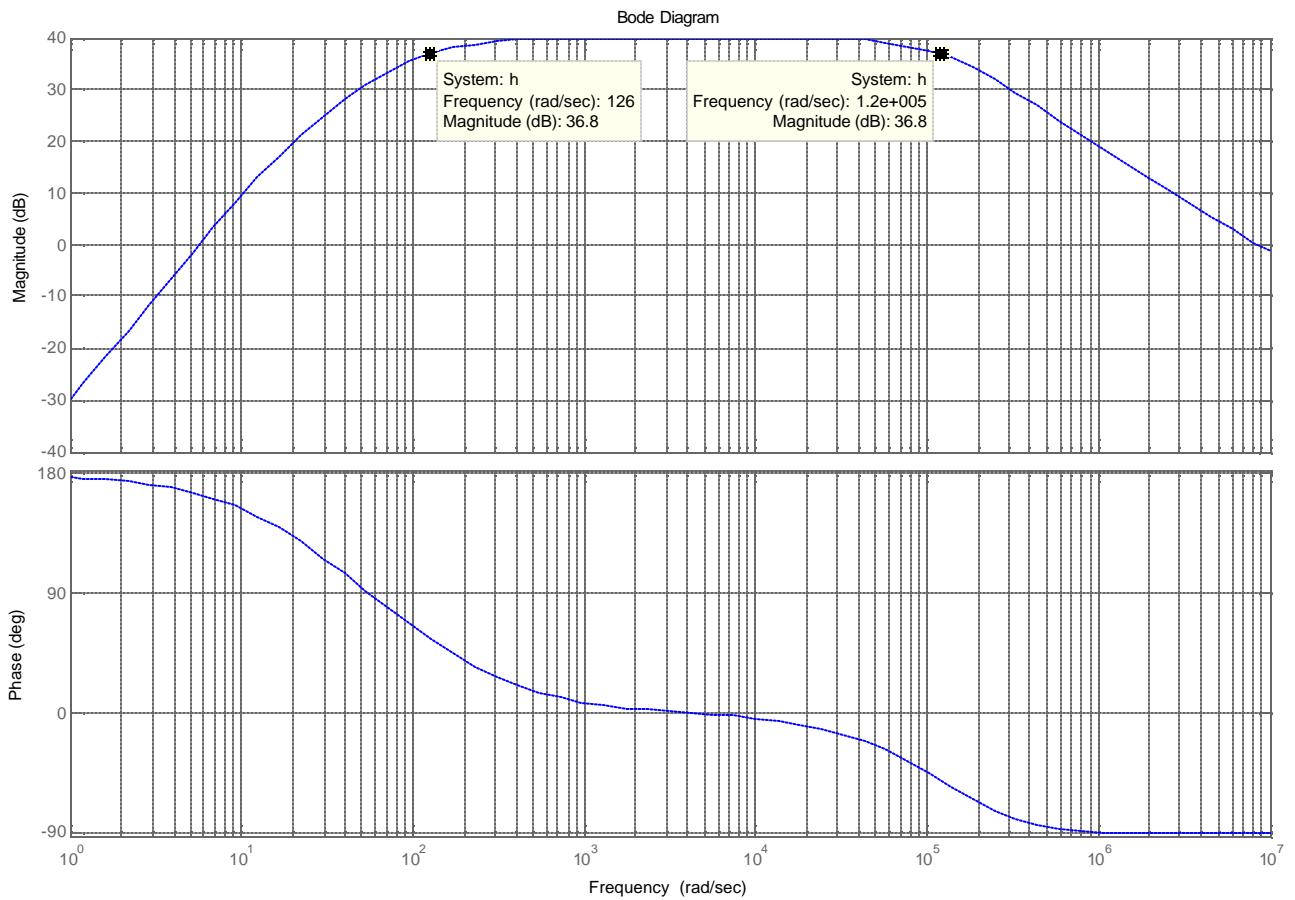
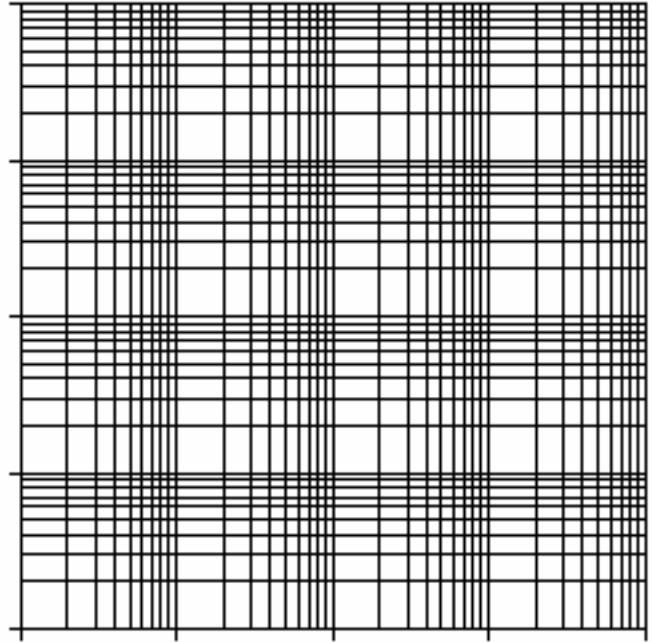
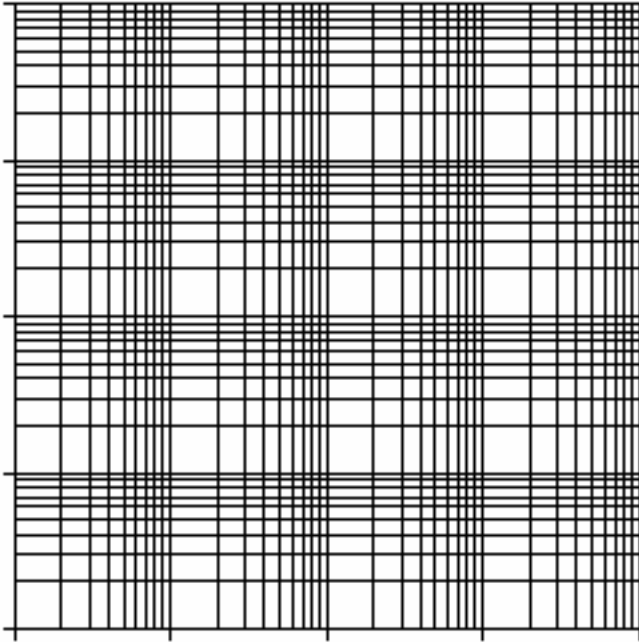


FREQUENCY RESPONSE

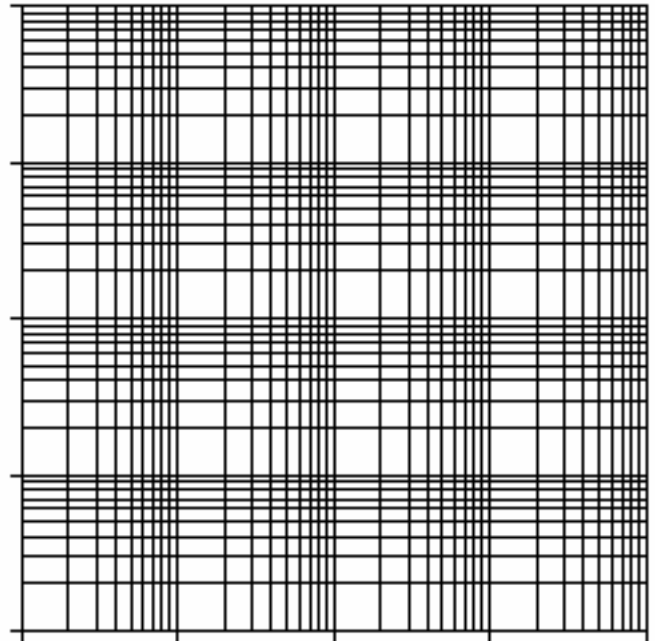
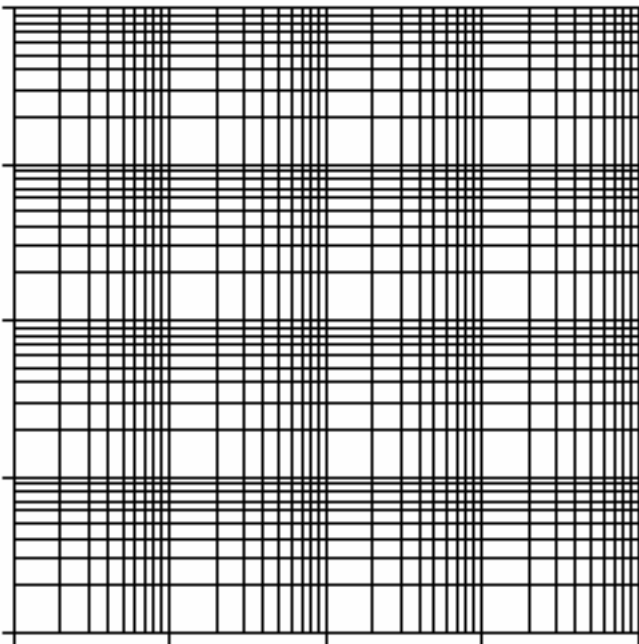
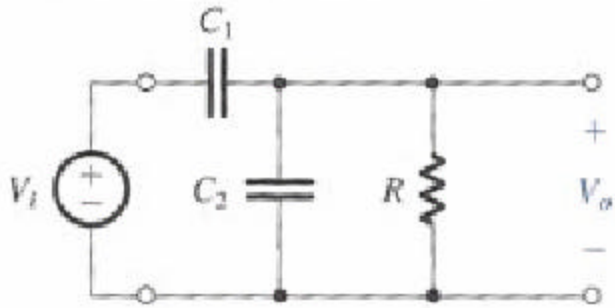
$$H(s) = 100 \frac{s^2 \left(\frac{s}{390000} + 1 \right)}{(s+125)(s+25) \left(\frac{s}{130000} + 1 \right) \left(\frac{s}{260000} + 1 \right)}$$

Example:



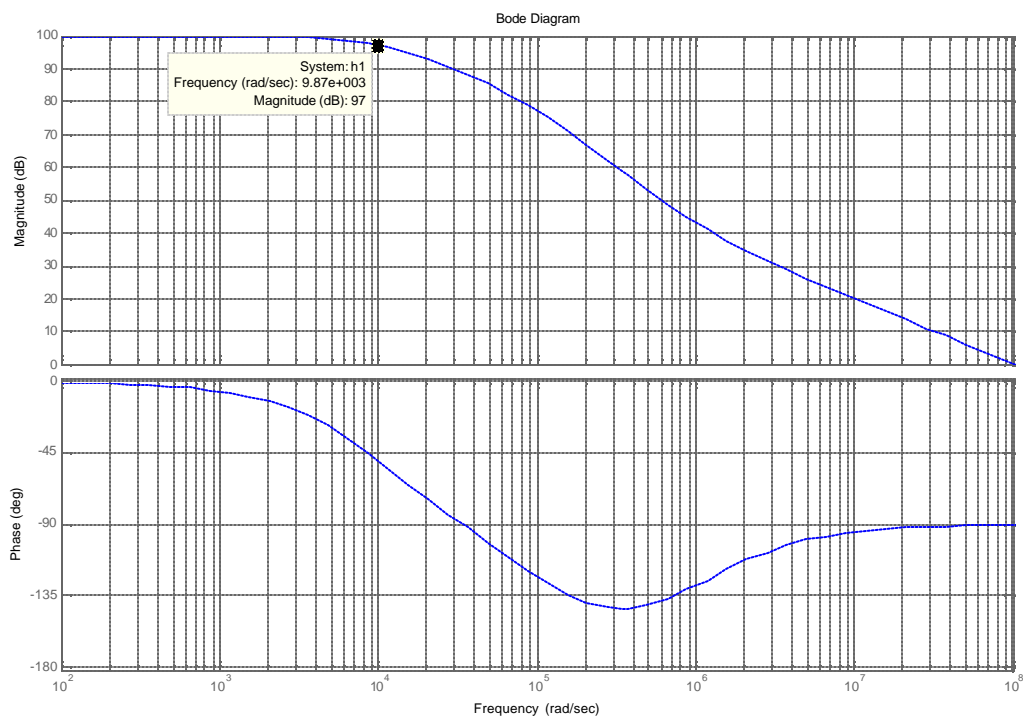
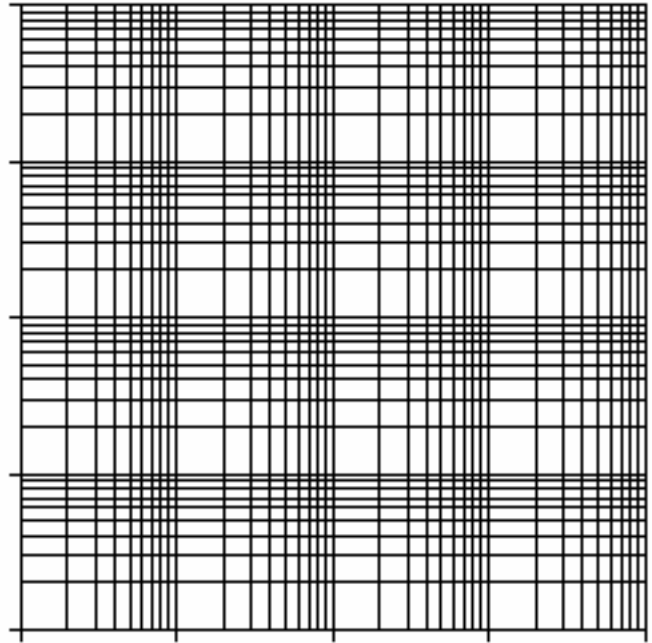
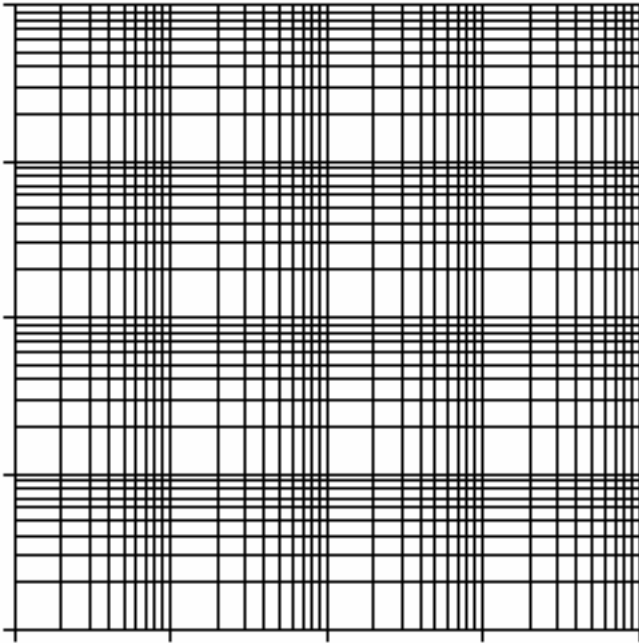
FREQUENCY RESPONSE

Example:



FREQUENCY RESPONSE

$$\text{Example: } H(s) = \frac{10^4 \left(1 + \frac{s}{10^5}\right)}{\left(1 + \frac{s}{10^3}\right) \left(1 + \frac{s}{10^4}\right)}$$



FREQUENCY RESPONSE

Example: $H(s) = \frac{10s^2}{\left(1 + \frac{s}{10}\right)\left(1 + \frac{s}{100}\right)\left(1 + \frac{s}{10^6}\right)}$

