

Jaeger 3rd

10.45

$$A_v = \frac{2\pi \times 10^6}{s + 200\pi} = \frac{10^4}{1 + \frac{s}{200\pi}} = (10^4) \frac{1}{1 + \frac{s}{(2\pi) \times 100}}$$

$$A_v = (10^4) \frac{1 + \frac{s}{\infty}}{1 + \frac{s}{(2\pi)(100)}}$$

$$A_{mid} = 10^4 \quad (+80 \text{ dB})$$

$$f_H = 100 \text{ Hz} \quad (200\pi \text{ rad/s})$$

$$f_L = 0$$

$$BW = 100 \text{ Hz}$$

Lowpass

