

Bode Plots

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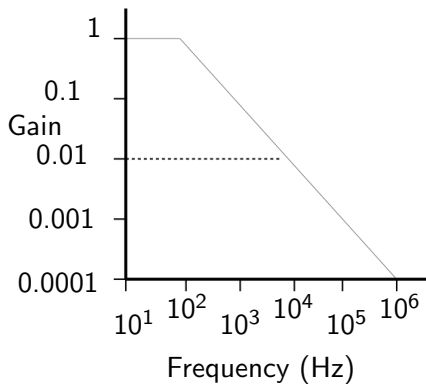
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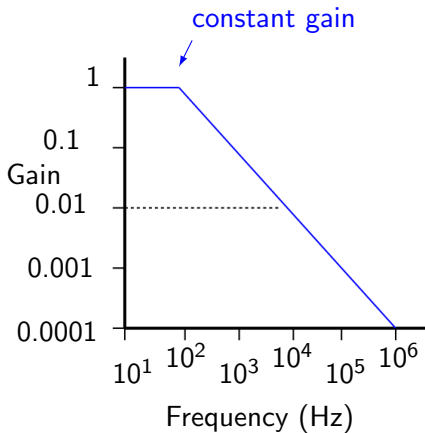
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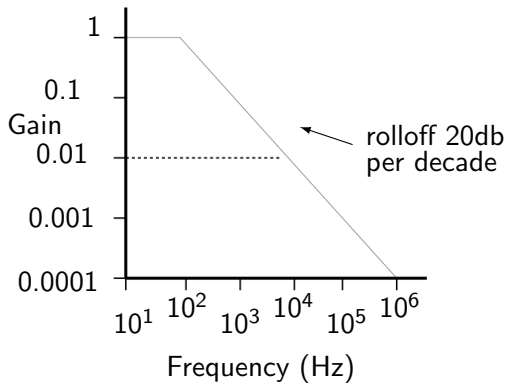
$$A \propto \frac{1}{f}$$

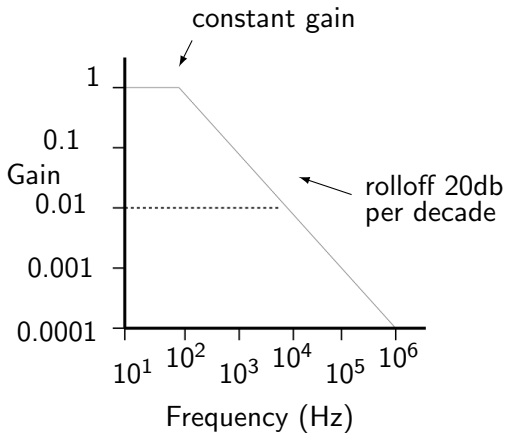
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- A change by a factor of 10 in $\left(\frac{V_o}{V_i} \right)$ is a change of 20 db.
- A **decade** is a factor of 10, so rolloff of 20 db/decade represents a *decrease* in $\left(\frac{V_o}{V_i} \right)$ of a factor of 10 as the frequency *increases* by a factor of 10.