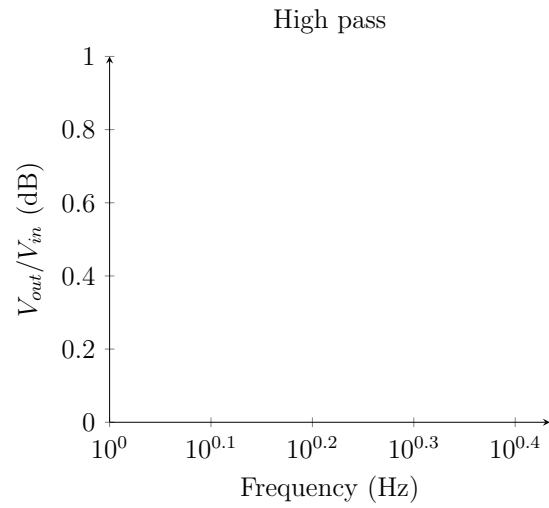
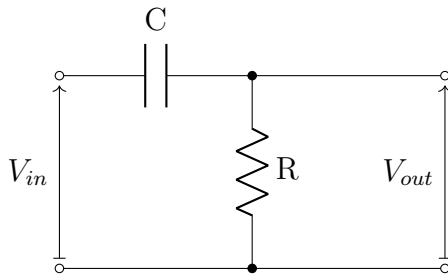
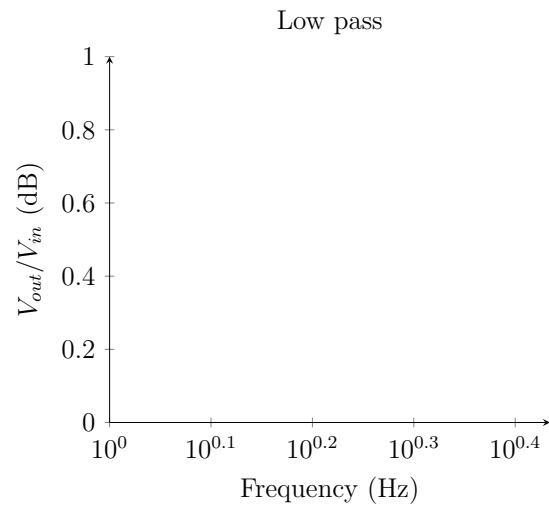
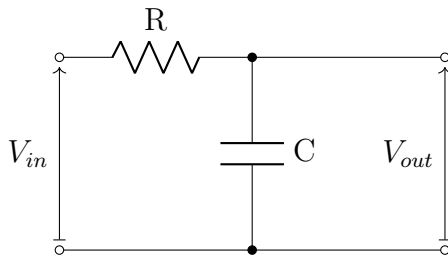


Filters

High pass RC filter (differentiator)



Low pass RC filter (integrator)

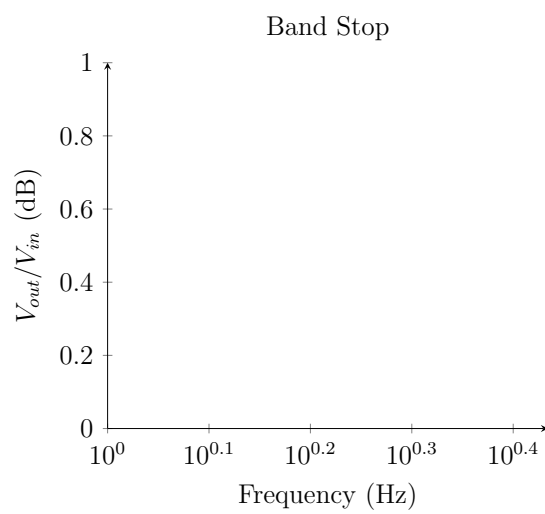
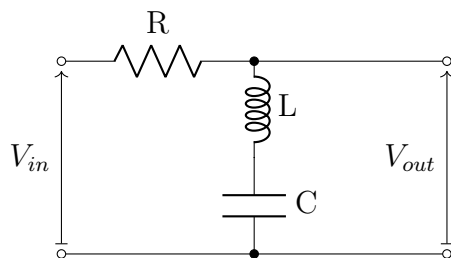


$$F_R = \frac{1}{2\pi\sqrt{LC}}$$

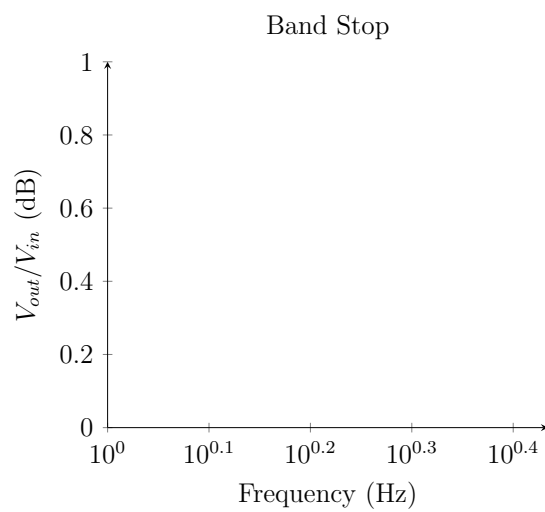
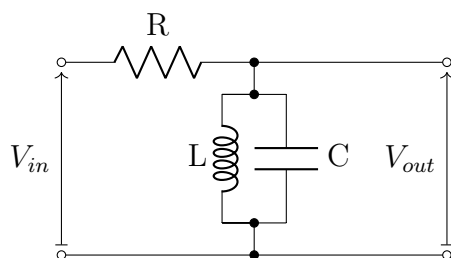
$$F_R = \frac{1}{2\pi\sqrt{LC}}$$

$$Q = \frac{F_R}{BW}$$

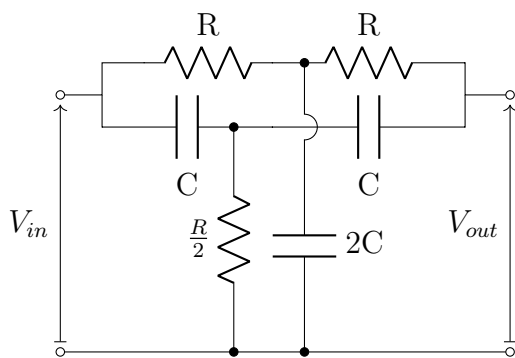
Band stop



Band pass



Twin T notch filter



Twin-notch filter

