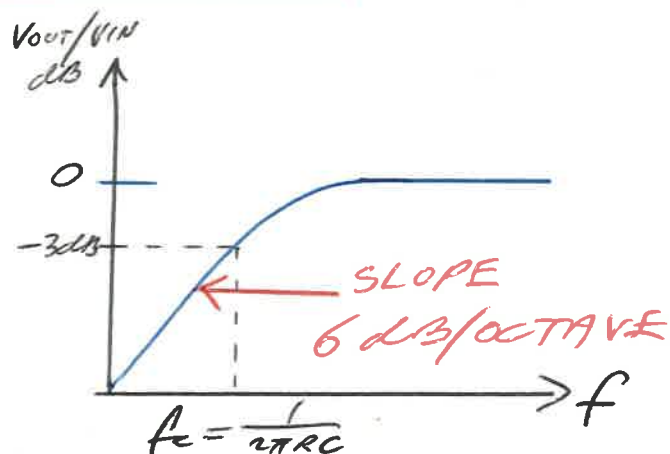
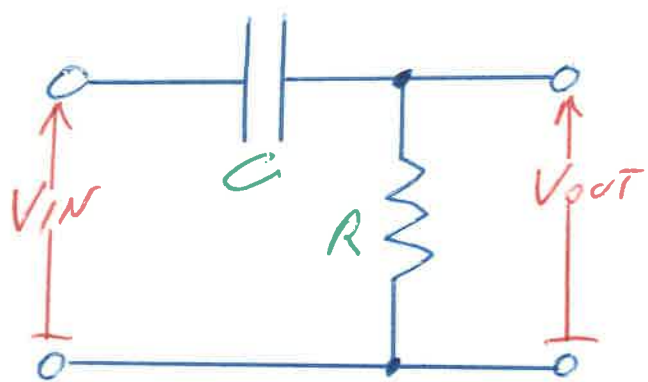
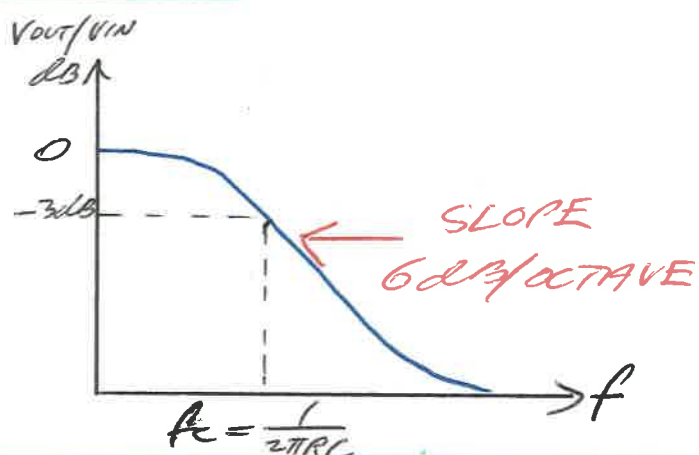
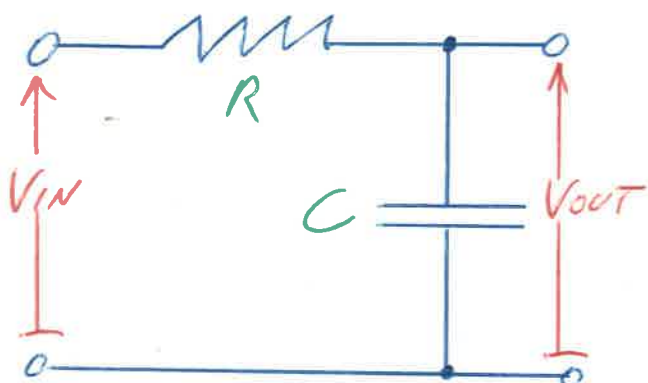


FILTERS

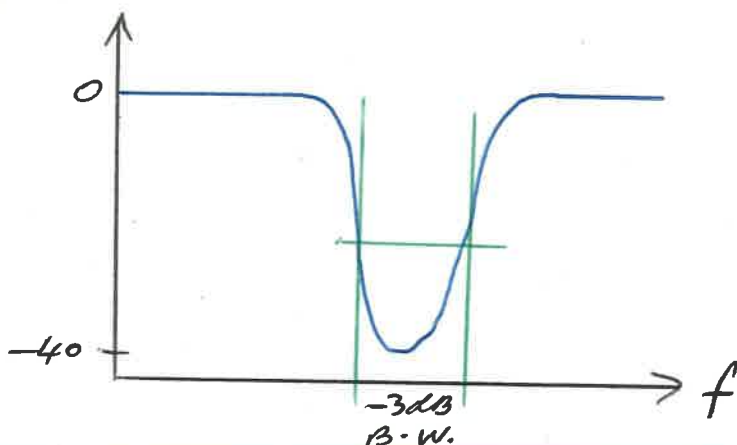
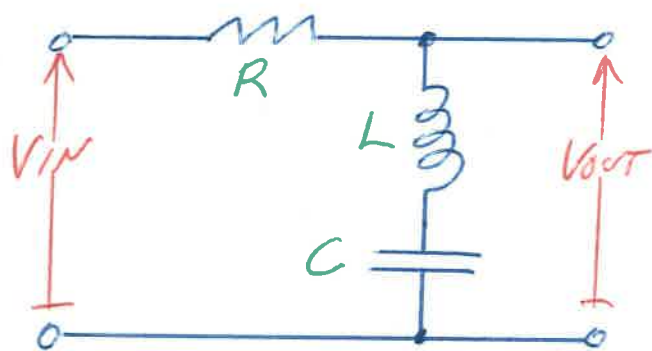
HIGH PASS RC FILTER (DIFFERENTIATOR)



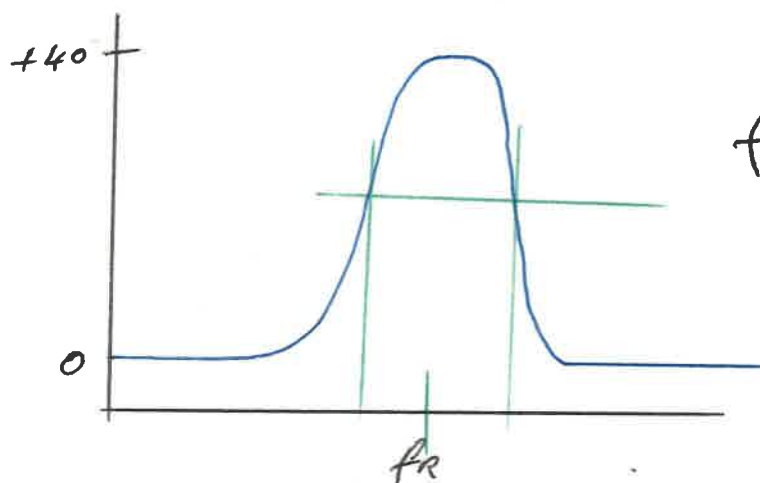
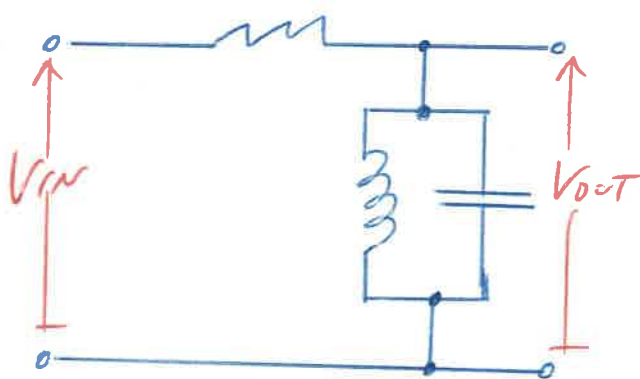
LOW PASS RC FILTER (INTEGRATOR)



BAND STOP



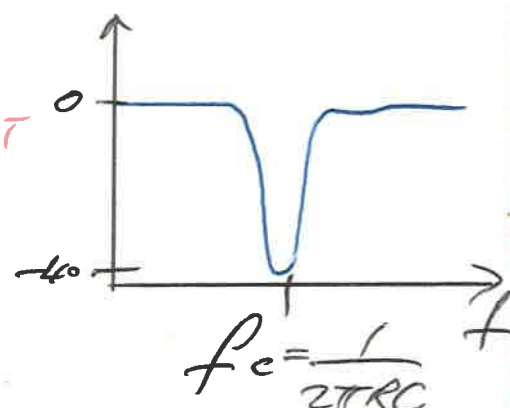
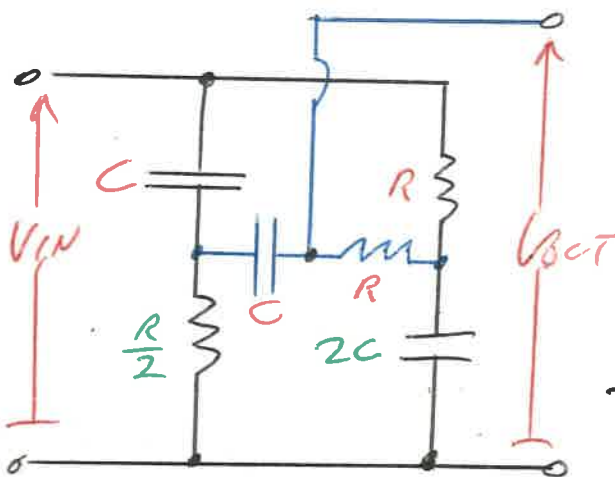
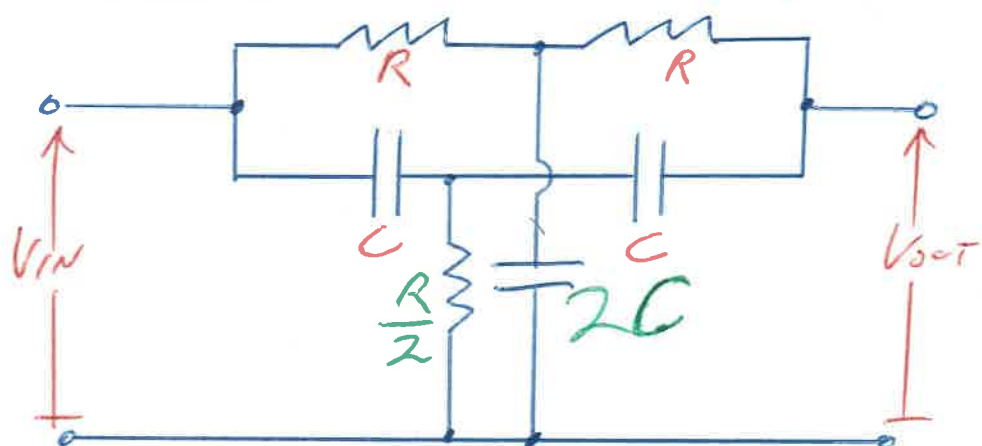
BAND PASS



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

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

TWINT NOTCH FILTER



APPROX. 67.5° PHASE SHIFT
IN EACH "SIDE" OF BRIDGE
& 45° IN "SUMMING"
RC PAIR