

VE216 HW7
Due: April 17th, Monday

Exercise 1

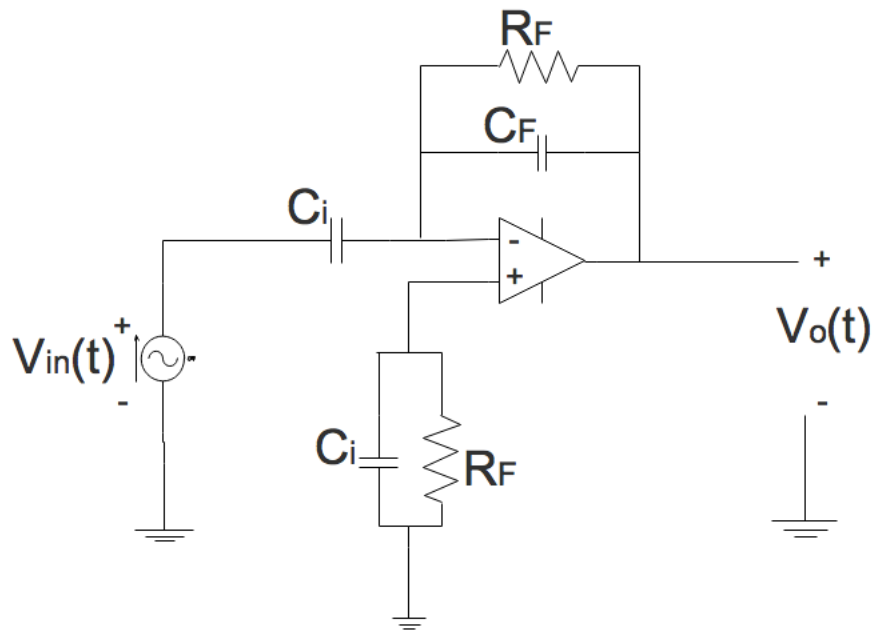


Figure 1: Circuit

For the circuit in Fig.1:

- (1) Find $H(s) = V_o(s)/V_{in}(s)$
- (2) Select values for C_i , C_F and R_F so that the circuit have

$$\text{Gain} = 10 \quad \text{and} \quad \omega_c = 10^3 \text{ Hz}$$