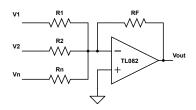
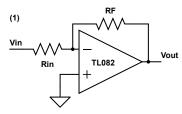
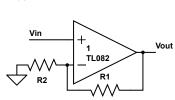
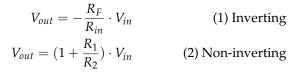
OP-AMP CONFIGURATIONS



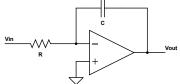




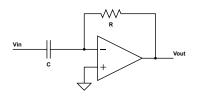
$$V_{out} = -\left(\frac{R_F}{R_1} \cdot V_1 + \frac{R_F}{R_2} \cdot V_2 \cdot \dots + \frac{R_F}{R_n} \cdot V_n\right)$$



(1) Inverting







 $V_{out} = -RC \frac{dV_{in}}{dt}$ Differentiator / High-pass