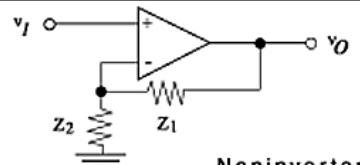
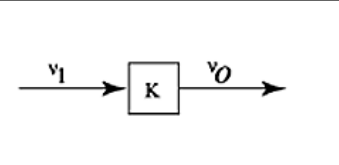
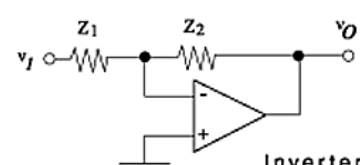
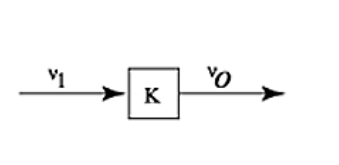
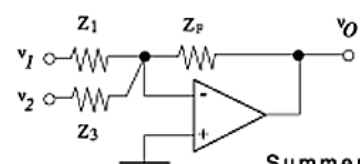
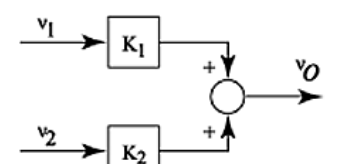
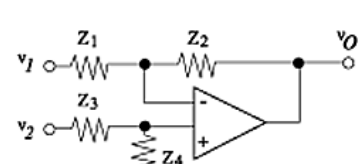
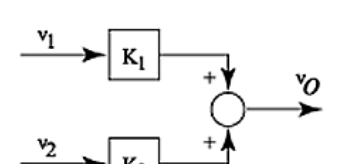
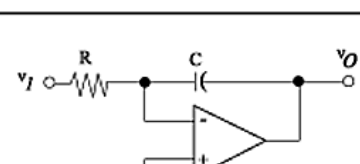
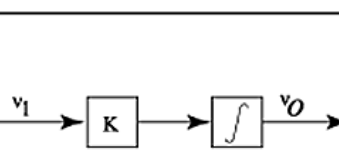
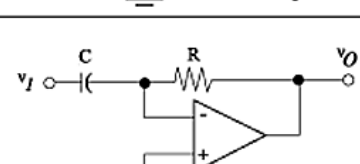
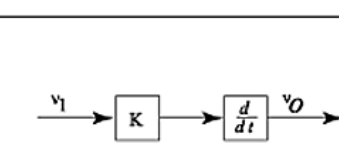


BASIC OP AMP MODULES

CIRCUIT	BLOCK DIAGRAM	GAINS
 <p style="text-align: center;">Noninverter</p>		$K = \frac{Z_1 + Z_2}{Z_2}$
 <p style="text-align: center;">Inverter</p>		$K = -\frac{Z_2}{Z_1}$
 <p style="text-align: center;">Summer</p>		$K_1 = -\frac{Z_F}{Z_1}$ $K_2 = -\frac{Z_F}{Z_3}$
 <p style="text-align: center;">Subtractor</p>		$K_1 = -\frac{Z_2}{Z_1}$ $K_2 = \left(\frac{Z_1 + Z_2}{Z_3}\right) \left(\frac{Z_4}{Z_3 + Z_4}\right)$
 <p style="text-align: center;">Integrator</p>		$K = -\frac{1}{RC}$
 <p style="text-align: center;">Differentiator</p>		$K = -RC$