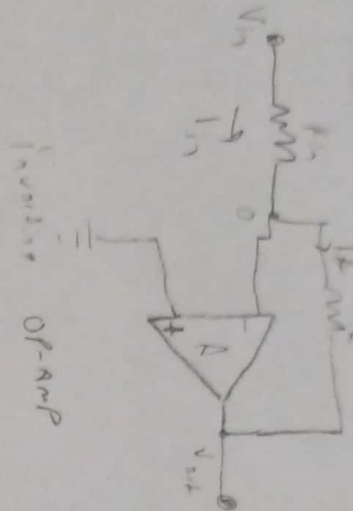


$\frac{1}{2} \text{ of } 1 \text{ lb} + 20 - 2 \text{ lb} = 18 \text{ lb}$



$$T_2 = T_1$$

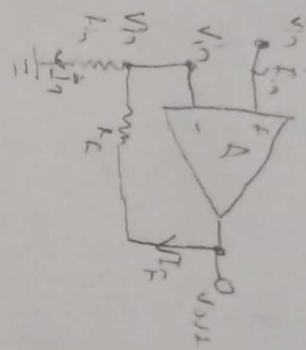
$$\frac{V_{in}-0}{R_{in}} = \frac{0-V_{out}}{R_{out}}$$

$$\frac{V_{out}}{V_{in}} = \frac{R_f}{R_{in}}$$

2014

$R_L$	$R_{in}$	$V_{out}$	$K_{av}$
$\infty$		76.4	10
1k $\Omega$		3.08	1
54 $\Omega$		0.62	0.2
10k $\Omega$		0.37	0.1

Na-Inverting OP-amp

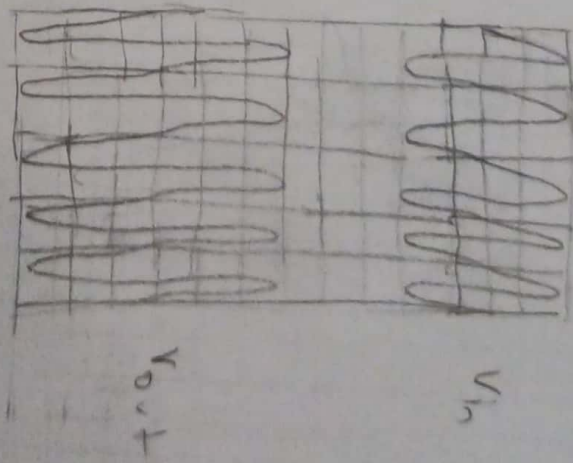


$$v_T = \frac{1}{T}$$

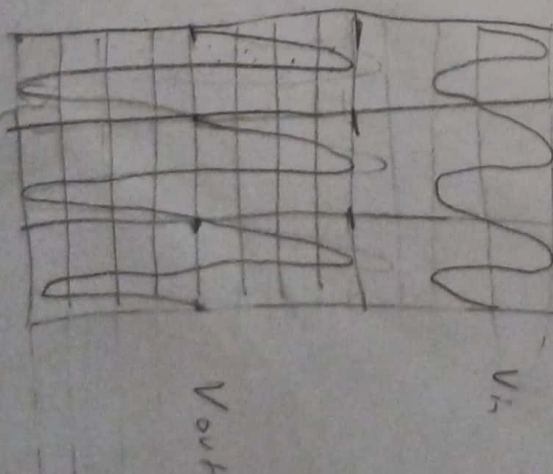
$$\frac{V_{out} - V_{in}}{R_F} = \frac{V_{in} - 0}{R_{in}}$$

$$\frac{V_{out}}{V_{in}} = 1 - \frac{R_F}{R_1}$$

$$\frac{V_{out}}{V_{in}} = 1 + \frac{R_F}{R_{in}}$$



Eximen Kumbhach



Erinacea  
kuehnia