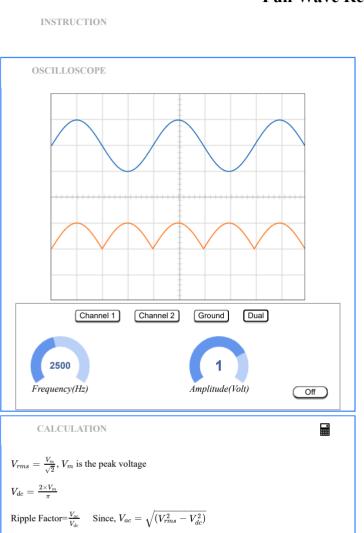
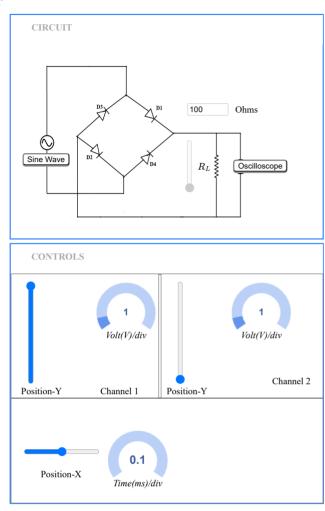


Peak Current: 2.999999892691407



Full Wave Rectifier



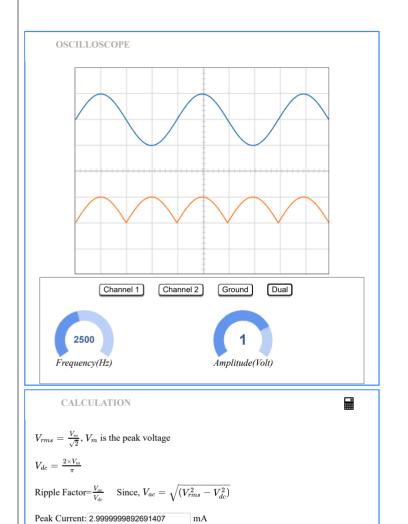


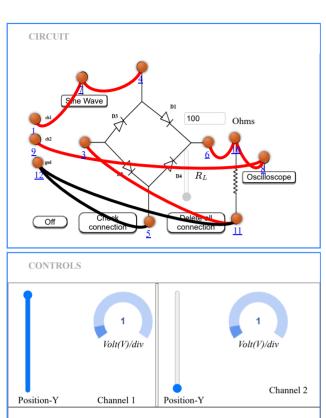


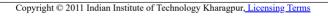


Full Wave Rectifier



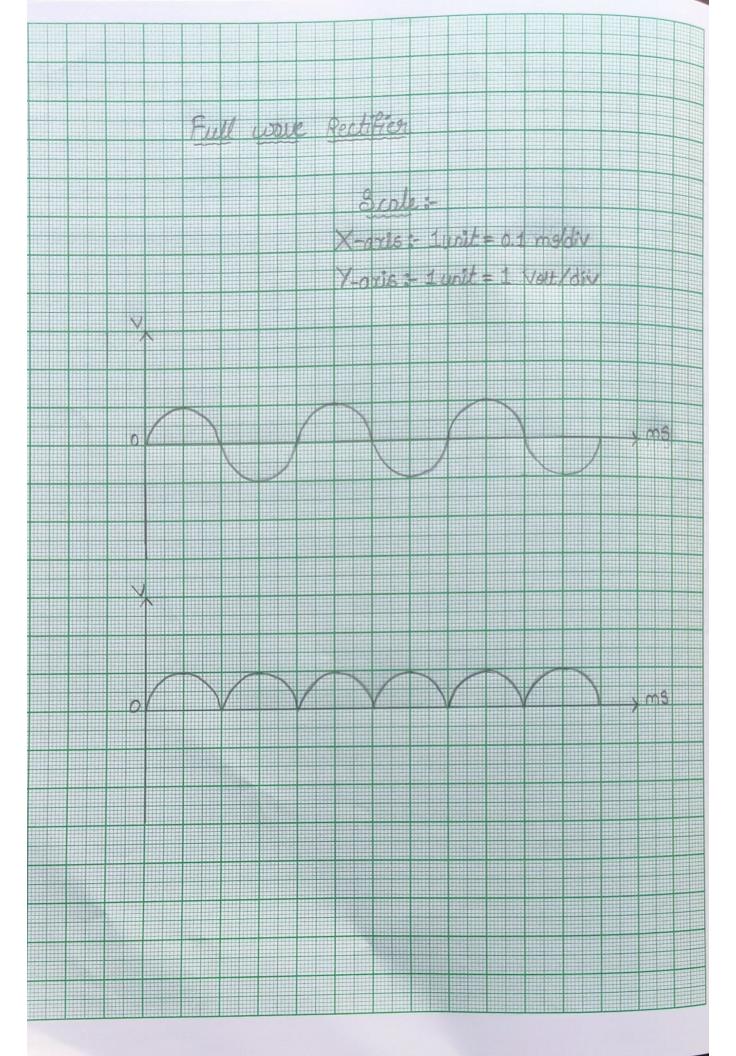






Position-X

Time(ms)/div



Full wave Rectifier

Calculation

Voms = 2moV

Ripple factor = Vac

peak voltage (Vm) = 1V

$$V_{\text{oms}} = \frac{V_{\text{m}}}{\sqrt{2}}$$

$$=\frac{1}{\sqrt{2}}$$

$$= 0.5 V V 50F.0 =$$

$$= \sqrt{(0.707)^2 - (0.6366)^2}$$

$$= \frac{0.3075}{0.6366}$$

Therefore, Ripple factor = 0.2433