· by op-omp compatedor:

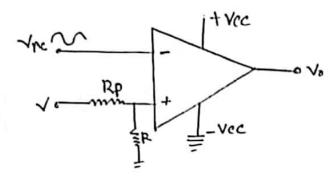
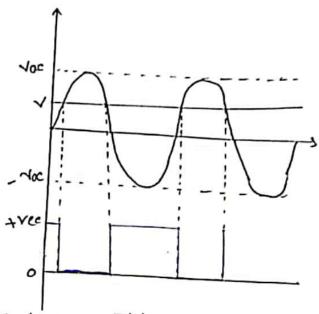


fig: Op- Amp comparador



First we take a comparator circuit. This comparator eincuit has two input part: (i) Inventing and (11) non-inventing. Here adding a sin wave in inventing input part and create reference voltage (Pg) for non-inventing and adding a register (R) Now Comparing sin wave and Rg. If non-in verting his greater then the output is tyset. On the other if inverting voltage is greater then the output is greater then the output is - Ysat. But can't take - Ysat be cause two Voltage lever is 0 and. There I means tysat and 0

means ground. 150, ground adding on - Vec in opening. That ground means when opening inventing voltage bigreater than non-inverting than output voltage is 0.