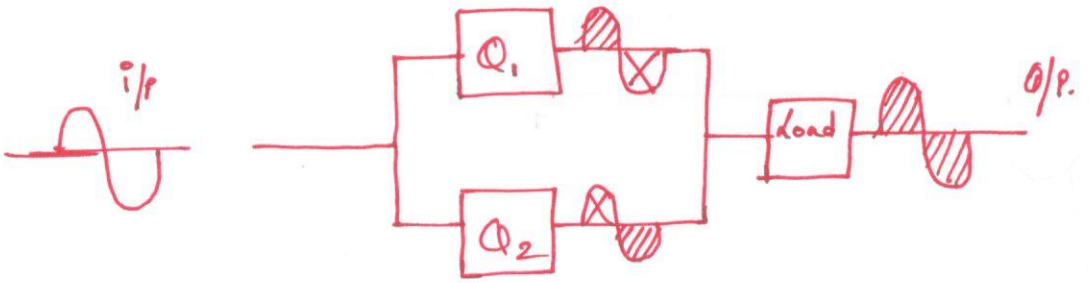
Block diagram:



dc operation:

Each transistor act as a half wave rectifier

If I_m is the peak current of the o/p then average value is I_m/π

$$\therefore I_{dc} = \frac{I_m}{\pi} + \frac{I_m}{\pi} = 2I_m/\pi$$

The dc power is

$$P_{dc} = V_{cc} \times I_{dc}$$

$$= 2/\pi V_{cc} \times I_m$$

Ac operation:

When AC signal is applied to driver transformer -to Q_1

& connecting Q_1 & Q_2 to the load

$$R_L' = R_L/n^2$$

where $n = N_2/N_1$

The Slope of the graph will be $-1/R_L'$