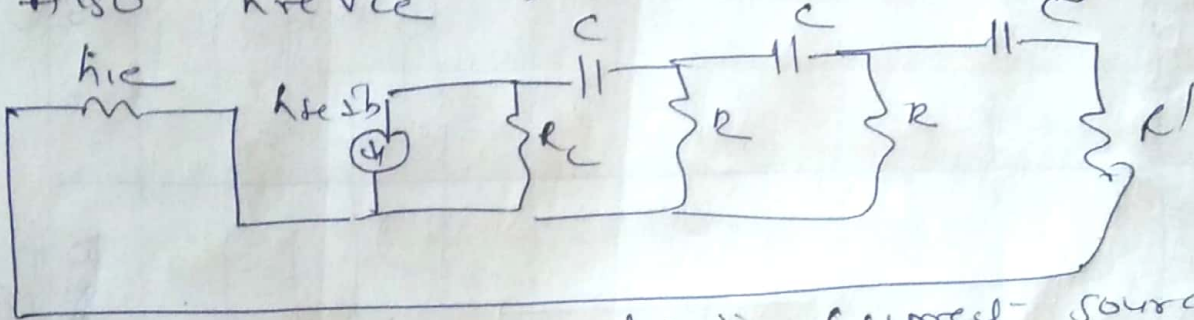
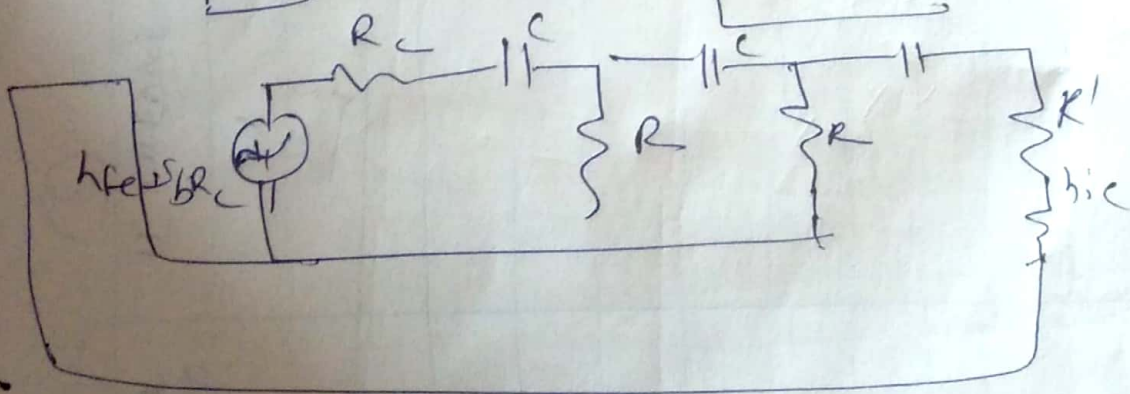
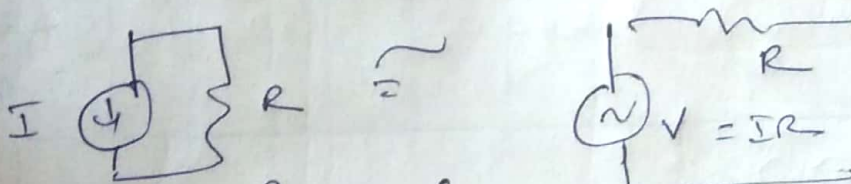


neglecting $\frac{1}{h_{oe}}$ bc 2
 $Y_{hoe} \parallel R_c \approx R_c$

Also $h_{re}V_{ce}$ since h_{re} is very small



Convert - $h_{fe}I_b$ current source to voltage source



$$R'_{thie} = R$$

117



Name