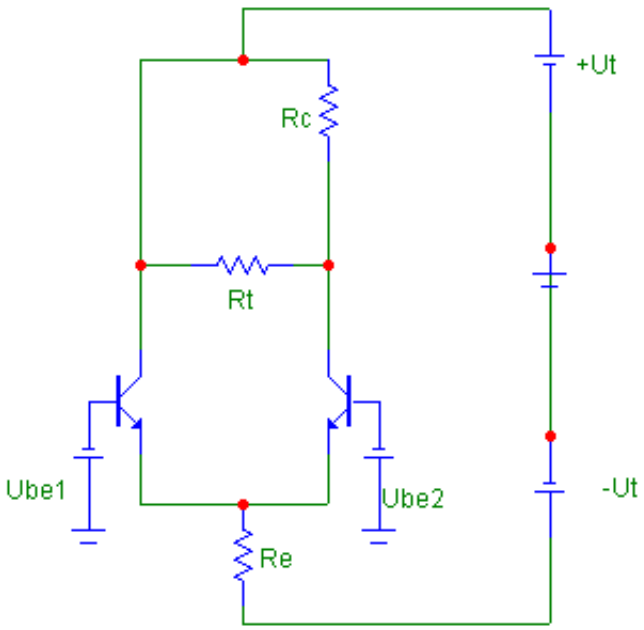

$U_t = 15$

$U_{be1} = U_{be2} = 0$

$U_{BE1} = U_{BE2} = 0.6$

$\beta_1 = \beta_2 = 24$

$R_E = 72$

$R_T = 60$

$R_C = 40$

$$I_E = \frac{U_t - U_{BE1}}{R_E}$$

Out[35]= 0.2

In[36]:= $$I_{E1} = I_{E2} = \frac{I_E}{2}$$

Out[36]= 0.1

In[37]:= $$I_{B1} = I_{B2} = \frac{I_{E1}}{1 + \beta_1}$$

Out[37]= 0.004

In[38]:= $$I_{C1} = I_{C2} = \beta_1 \times I_{B1}$$

Out[38]= 0.096

In[39]:= $$I_{RC} = I_{C2} \times \frac{R_T}{R_T + R_C}$$

Out[39]= 0.0576

In[40]:= $$U_{RC} = I_{RC} \times R_C$$

Out[40]= 2.304

In[41]:= $I_{RT} = I_{C2} \times \frac{R_C}{R_T + R_C}$

Out[41]= 0.0384

In[42]:= $I_{ki} = -I_{RT}$

Out[42]= −0.0384

In[43]:= $U_{ki} = -I_{RT} \times R_T$

Out[43]= −2.304

In[44]:= $U_{CE1} = U_t + U_{BE1}$

Out[44]= 15.6

In[45]:= $U_{CE2} = U_t - U_{RC} + U_{BE2}$

Out[45]= 13.296

In[46]:= $U_{BC1} = -U_t$

Out[46]= −15

In[47]:= $U_{BC2} = -(U_t - U_{RC})$

Out[47]= −12.696