0 V C - 1 5 V 8-100 ignet are tecinin in diencini (s=+) slorgh Label e delim. ahisinda Slaglen Kurchendricom forlin door redic?

Kuuvetterdiricinin krianh- iz aret

Av= UL = UL X UC US UC X UC

= (RL) x (-3 rbe//RB)

RCHRL) x (-3 rbe//RB)

RM(store)

rbe = (B+1) re re=?

$$r_{e} = \frac{26mV}{T_{f}} = \frac{26mV}{7.77mA} = 3,6 s$$

$$J_{B} = \frac{15V - 0.7V}{RB} = 71.5\mu A$$

$$J_{E} = (RS+1)JB$$

$$J_{E} = (NOS+1) \times 71.5\mu A$$

$$J_{E} = 7.22 \text{ mA}$$

12in (steye) = 1213/17be - 200K//361,715 rbe= (3+1) re= (100+1).3,62 つ 3 か, みり、) rbe << R3 eldigmdin Rin (stee) = 361.715

$$Av = \frac{dL}{ds} = \frac{dL}{dc} \times \frac{dc}{db}$$

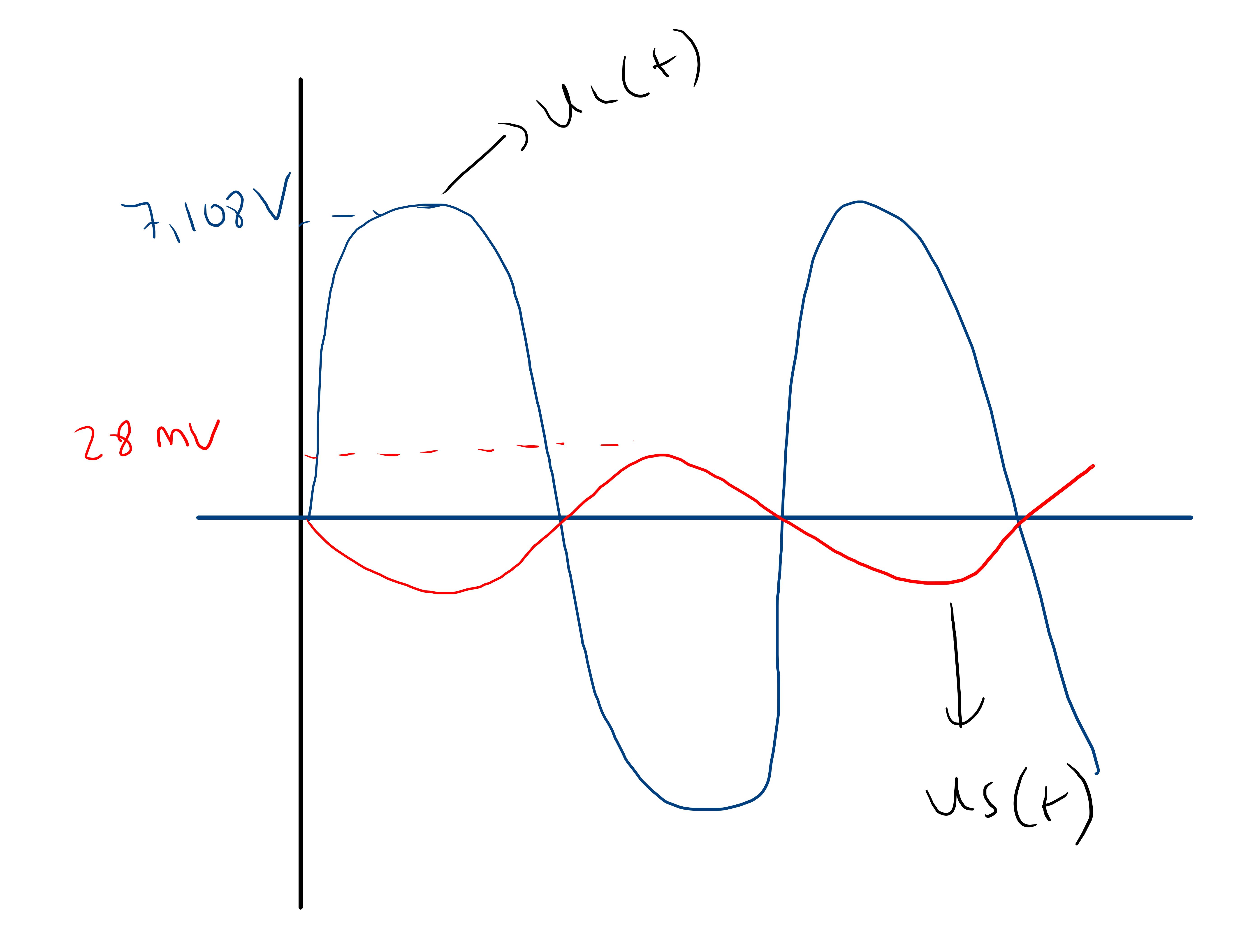
$$= \left(\frac{RL}{Rc + RL}\right) \times \left(-\frac{RC}{rbe}\right) \times \left(-\frac{RC}{rbe}\right)$$

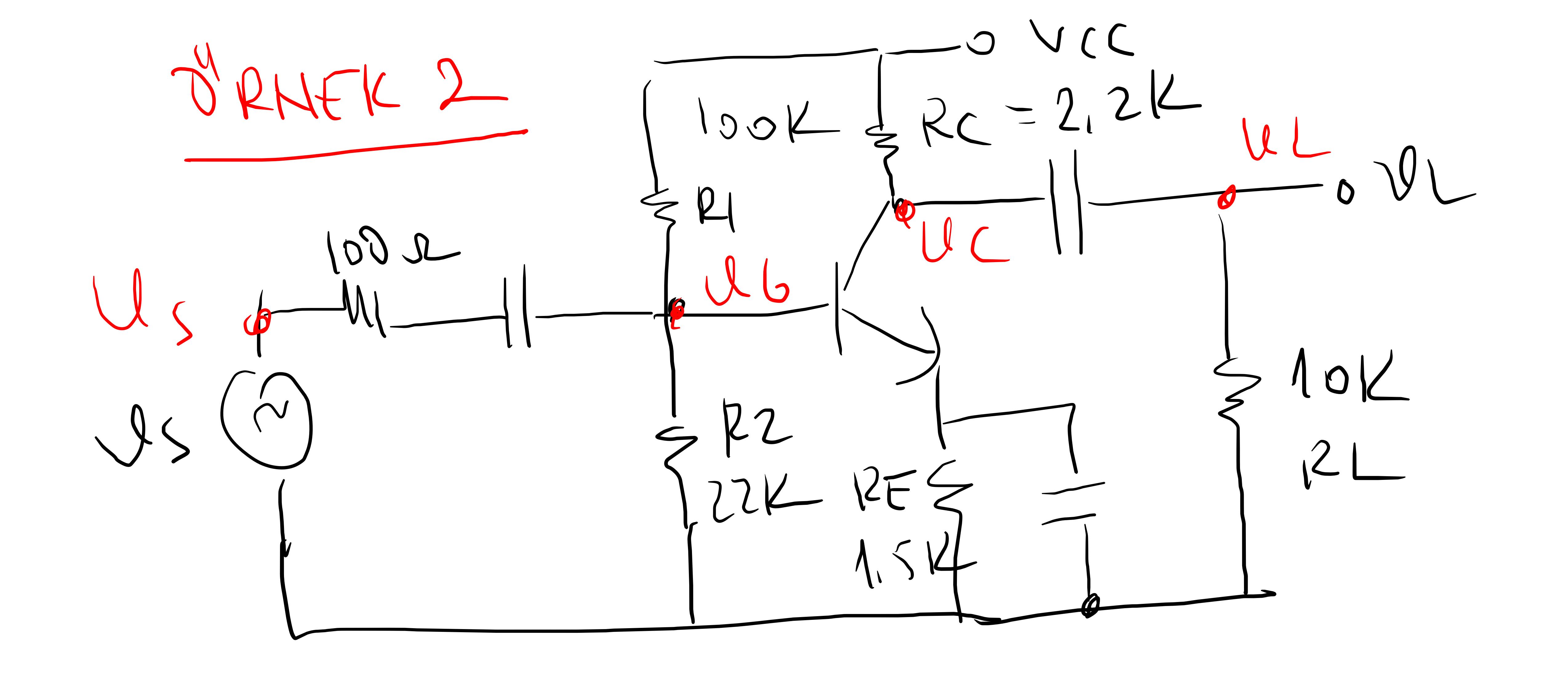
$$= \left(\frac{AOK}{AIK + AOK}\right) \times \left(-\frac{100 \times \frac{AK}{361,71 \text{ pc}}}{361,71 \text{ pc}}\right)$$

$$= 0.999 \times \left(-276,46\right)$$

$$= -2513$$

UL-USXAV - 20mu (rms) x (- 251,3) = 5,026 V ((ms) USTZOMV (ms) —) Sin wave ise ellt), Us(t) aynit disleminher





12m (lat)
12m (lat)
12m (lat) Pin (kat) = RB//rbe RB-18, 12314 = (8K//2K 10e = (3+1) re Vhe = 101 x 20 2,02/

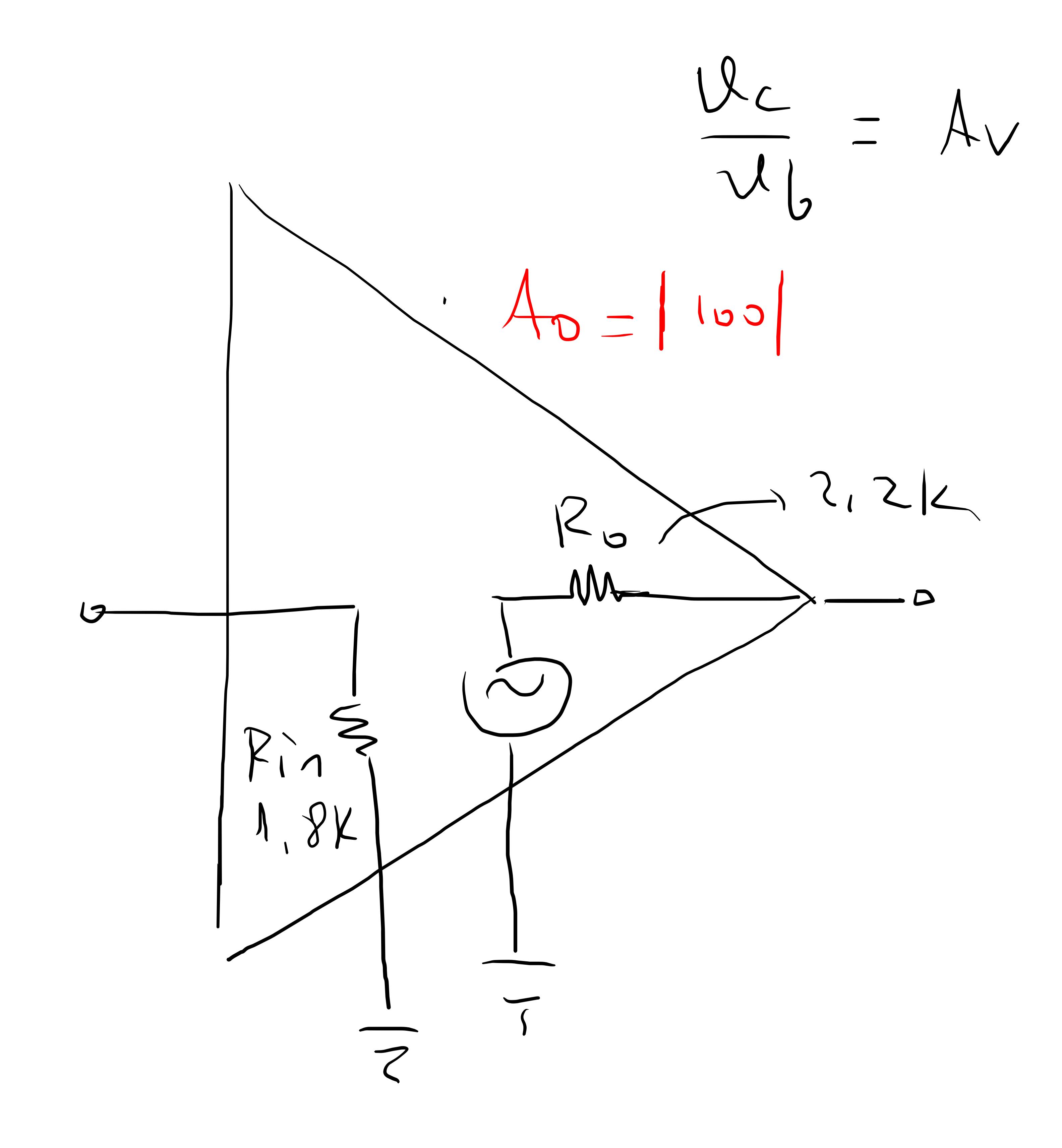
$$Av - \frac{UL}{U8} = \frac{UL}{JC} \times \frac{UC}{Jb} \times \frac{Ub}{JS}$$

$$= \frac{10K}{2.2K + 10K} \times \left(-\frac{100}{2.02K}\right) \times \left(\frac{1.9K}{100e + 1.8K}\right)$$

$$= \left(0.833\right) \times \left(-108, 31\right) \times \left(0.847\right)$$

$$= -85.81$$

12in =? 12out--? Av--?



BitiE! 17:48