

EL 34 Trans berekening

geg: EL34 $U_{Ah} = 300V$ $I_0 = 30mA$ $-U_g = 30V$

opl:

stel: $R_k = \frac{U_{h7}}{2} = 2350V$ $U_k = 30mA \cdot 2350V = \underline{70V}$

$V_{Ah} = 300V - 70V = 230V$

$U_g = 70V - 30V = 40V$

stel: $R_T \approx 180k$

$I_{RT} = \frac{260V}{180k} = 1.44mA$

$V_{GS} = \frac{1.2V}{1.44mA} = 833\Omega$

