Aufqube 13

geg.:
$$U_F = 0.7V$$
 $U = RI$
 $U_7 = 7.4V$
 $= > I = R = R$
 $R_1 = 7.4V$
 $R_2 = 5RR$

3
$$I_3 = 7,15mH$$

 $U = 0,7V$
 $U = 0,7V$
 $U = 0,7WH$
 $U = 0,7mH$

$$U = 15V - 7.4V = 7.6V$$

$$U = 15V - 1.4V = 13.6$$

(8)
$$I_8 = 7,15 m P$$

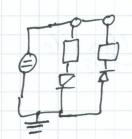
$$U = 15V - 0.7V - 7.4V = 6.8V$$

$$I_9 = 0$$

$$I_{40} = \frac{1}{10} = 0.35 m P$$

$$I_{40} = \frac{1}{10} = 0.35 m P$$

Aufgabe 16



$$R_{1} = \frac{U_{R_{1}}}{I} = \frac{U_{1}^{3}}{200\mu A} = 21.5 \text{ k } \Omega$$

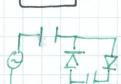
Roberte =
$$\frac{Cl_{1}}{I} = \frac{0.7}{700\mu}$$

$$= 3.5 k \Omega$$

Ausgabe 14

U1=50V





Konderischeer entlächt

Aufgabe 15

