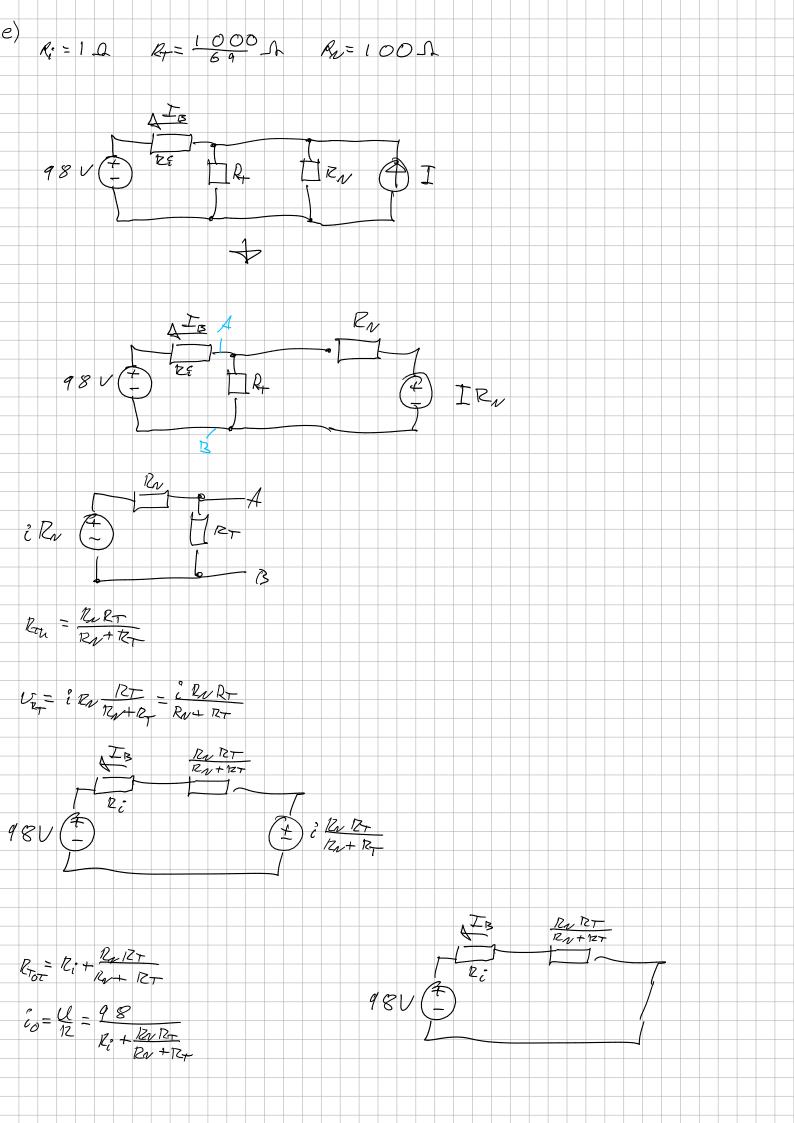
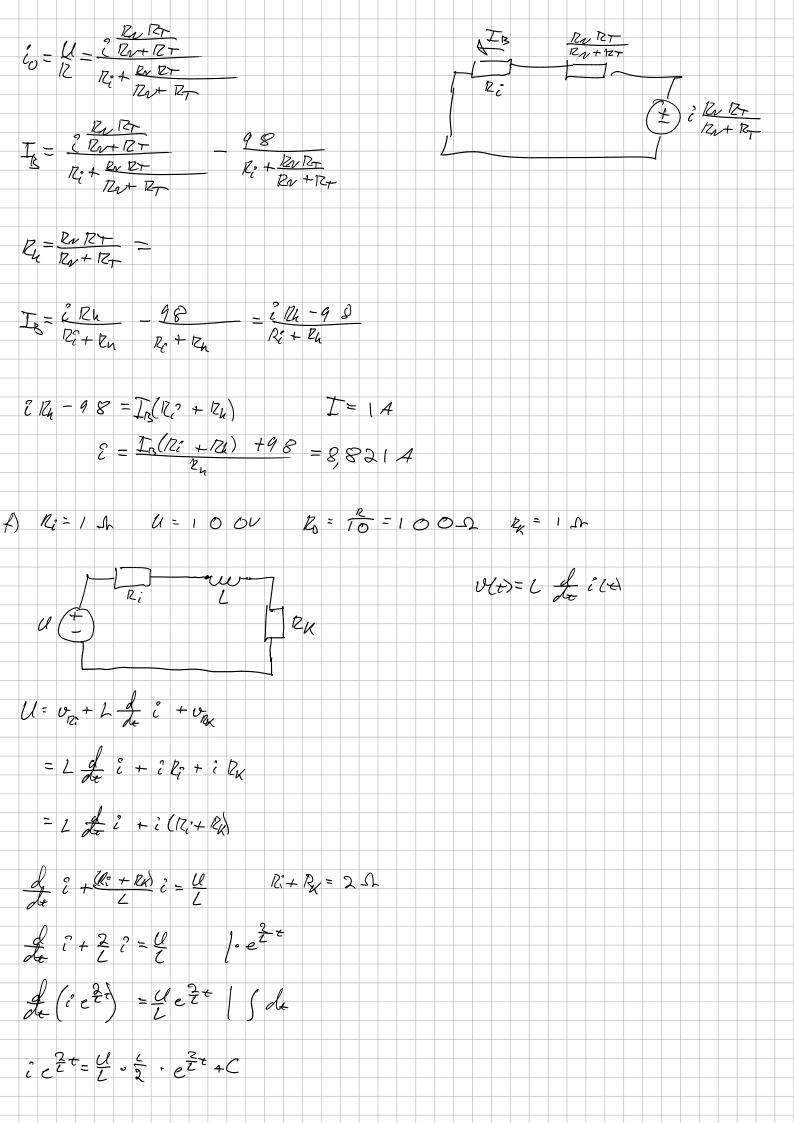


Elemen Var 2023 Opporare 1 a P=10W R=10000 $I = \frac{\mathcal{U}}{\mathcal{R}}$ P = u I $P = \frac{u^{7}}{R}$ PR=U? U= JPR U=100V Uprateriale 6) To Sam 2. Wann 3. Wann 4. Cleans 5 Wans 6ª Sann c) $\int_{\mathbb{R}^{2}} \mathbb{R}^{2} = \left(\frac{1}{2} + \frac{1}{2} + \frac{1}{2}$ 2 = U = 1 A d) $R_A = \left(\frac{1}{2} + \frac{1}{12} + \frac{11}{11}\right)^2 = \left(\frac{1}{12}\right)^{-1} = \frac{1}{11}$ Ro = 10 RE = R R400 = R R0E = 21 R3 = B $R_{T} = \left(\frac{1}{R_{ADN}} + \frac{1}{R_{DE}} + \frac{1}{R_{E}}\right)^{-1} = \left(\frac{31}{R_{E}} + \frac{21}{R_{E}} + \frac{6}{R_{E}} + \frac{11}{R_{E}}\right)^{-1} = \frac{R}{6q} = \frac{1000}{6q}$ $1 = \frac{u}{12} = 6,9$ A





$$\hat{c} e^{\frac{\pi}{2}} = \frac{1}{3}u e^{\frac{\pi}{2}} + c \quad |e^{-\frac{\pi}{2}}|$$

$$\hat{c}(r) = \frac{1}{3}u + c e^{-\frac{\pi}{2}} + c$$

$$\hat{c}(0) = 0$$

$$c + \frac{1}{3}u = 0$$

$$c = -\frac{1}{3}u$$

$$\hat{c}(r) = \frac{1}{3}u - \frac{1}{3}u e^{-\frac{\pi}{2}} + c$$

$$= \frac{1}{3}u(1 - e^{-\frac{\pi}{2}})$$

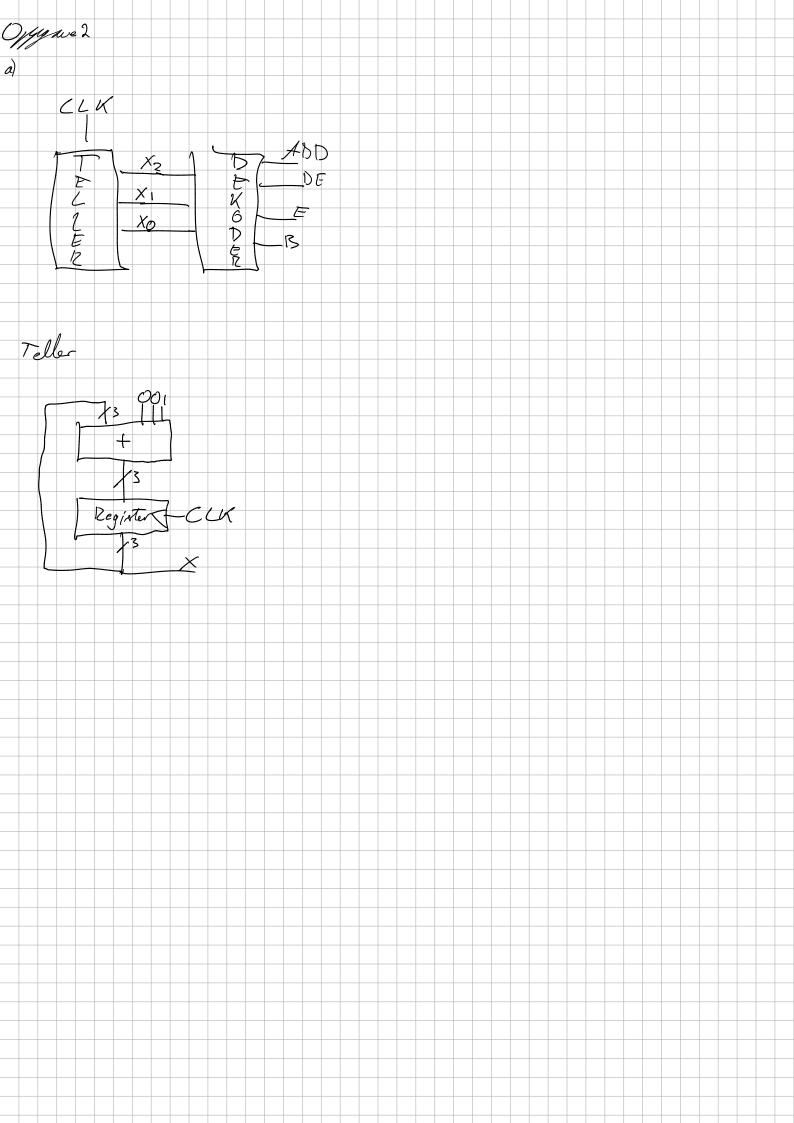
$$\hat{c}(0,0) = 1 = A$$

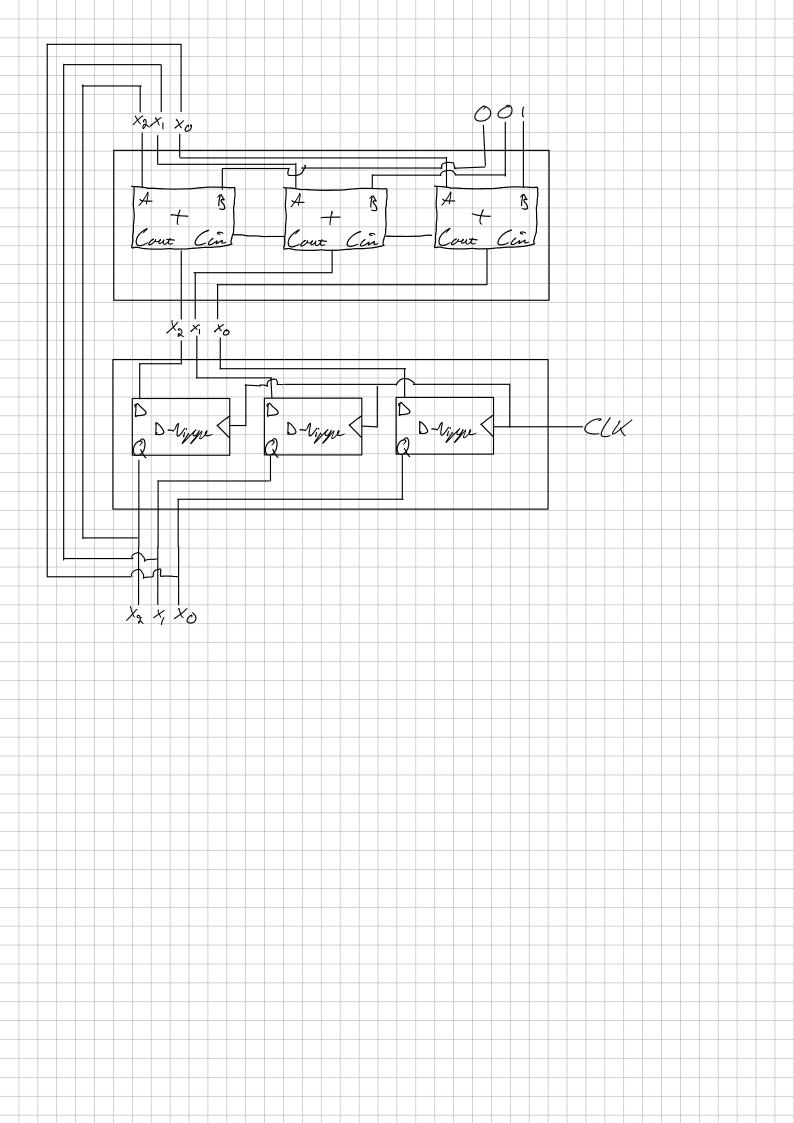
$$\frac{1}{3}u(1 - e^{-\frac{\pi}{2}}) = c$$

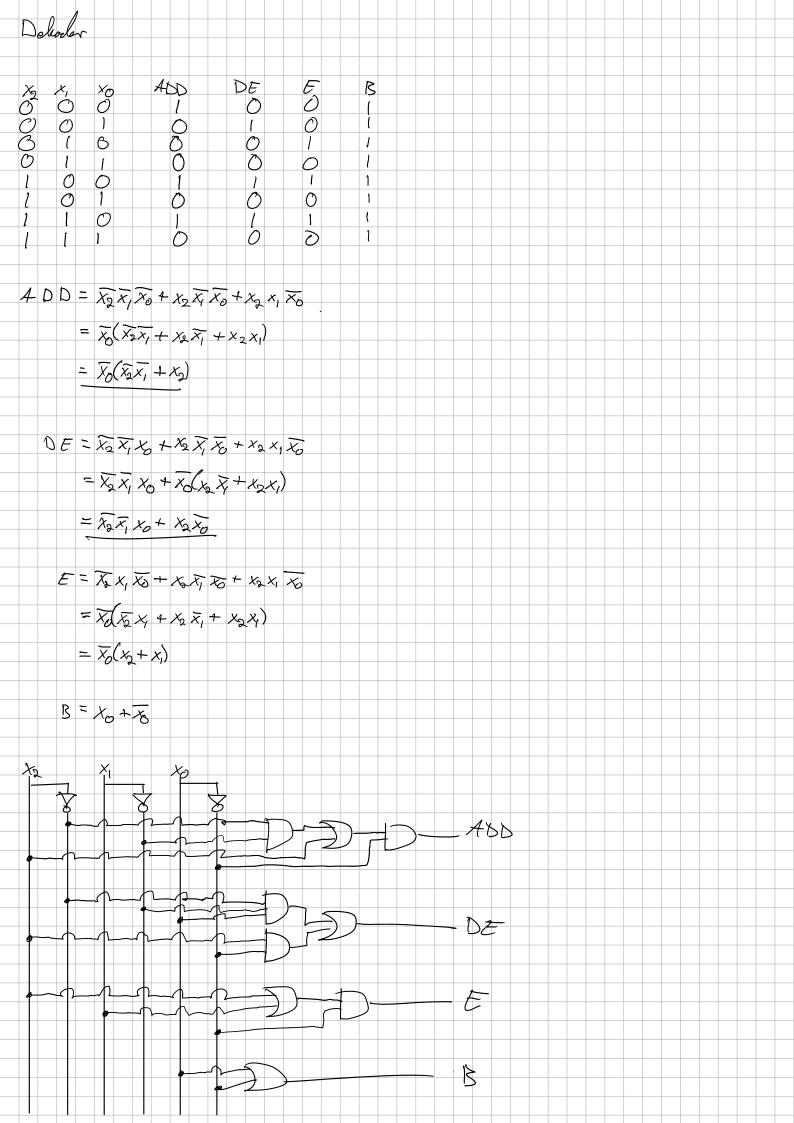
$$1 - e^{-\frac{\pi}{2}} = c$$

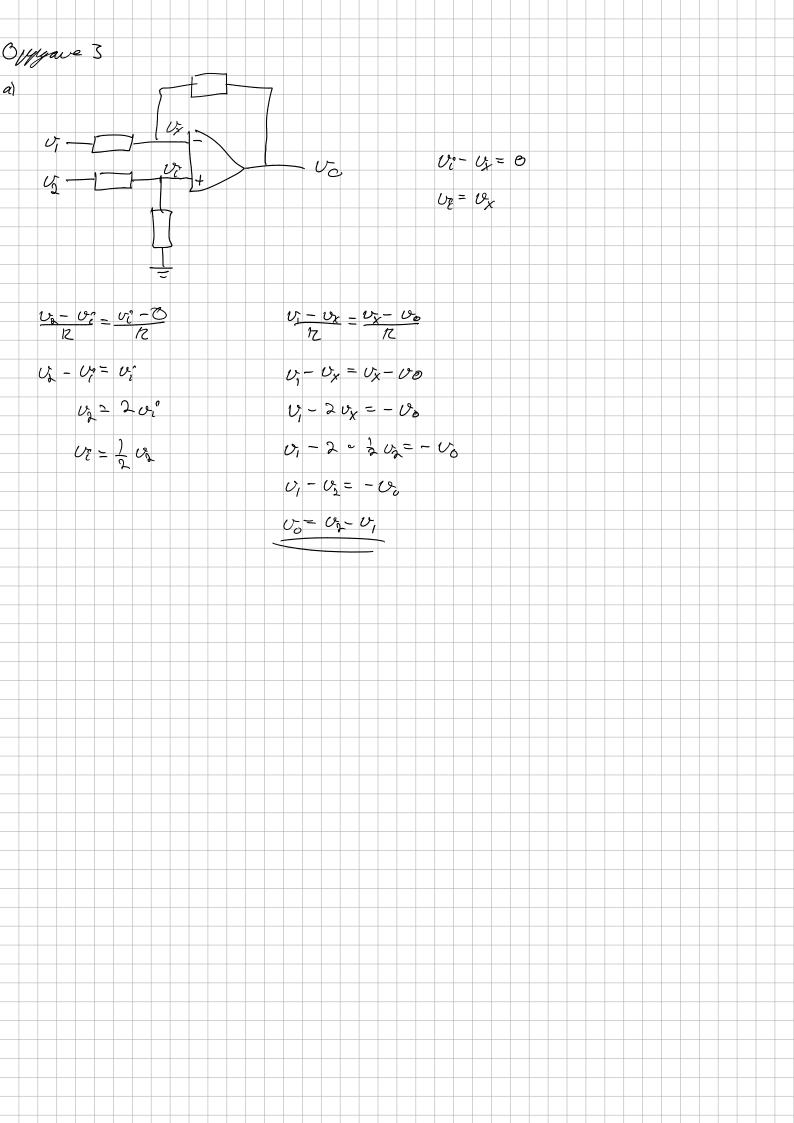
$$- e^{-\frac{\pi}{2}} = c$$

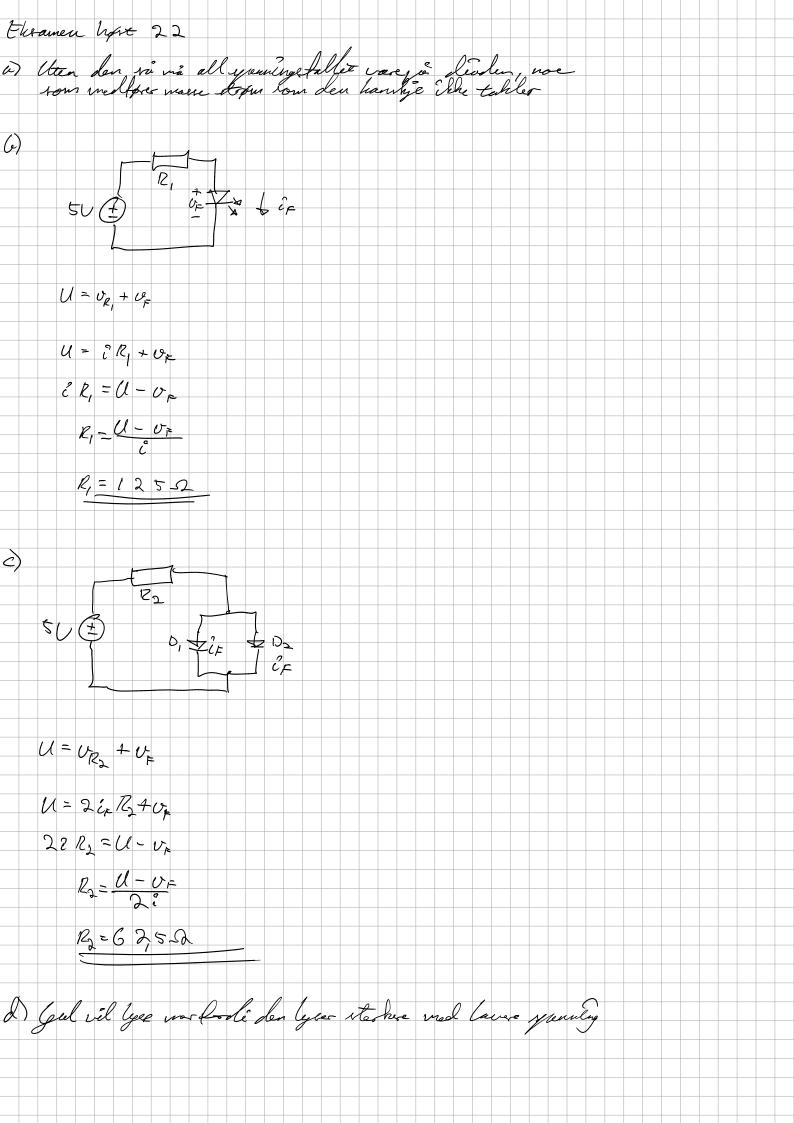
$$1 - e^{-\frac{\pi}{2}$$

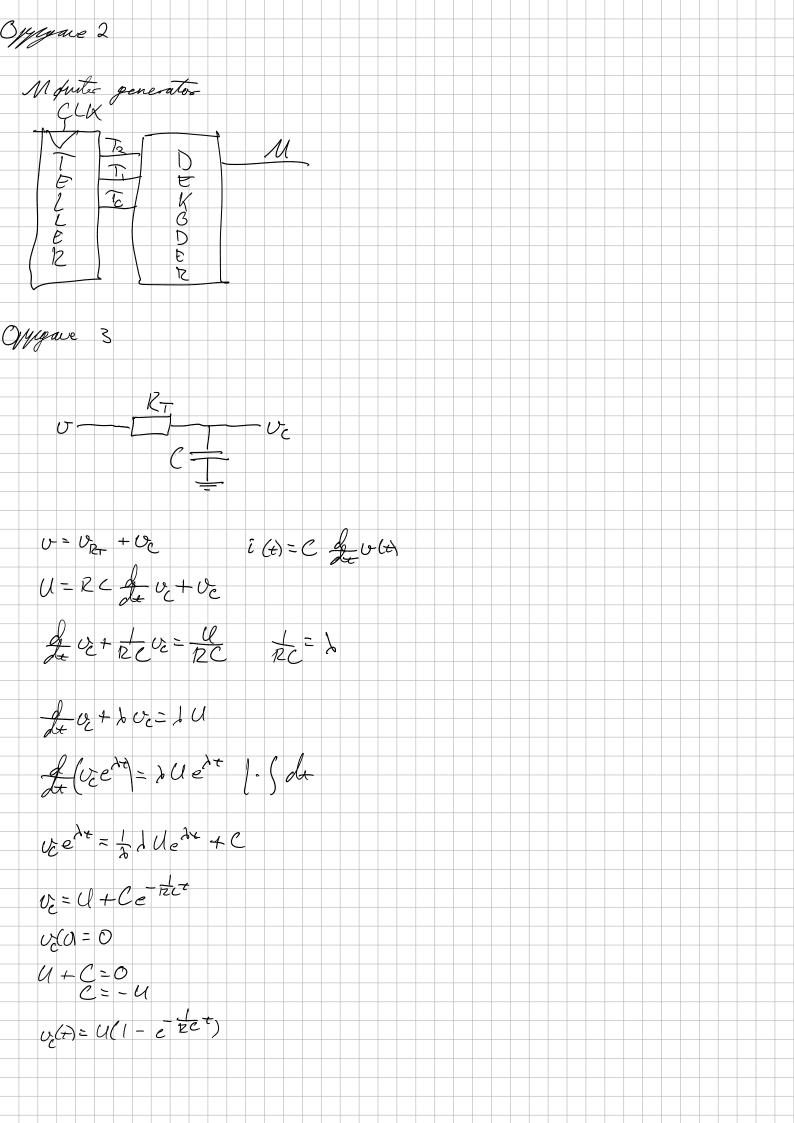


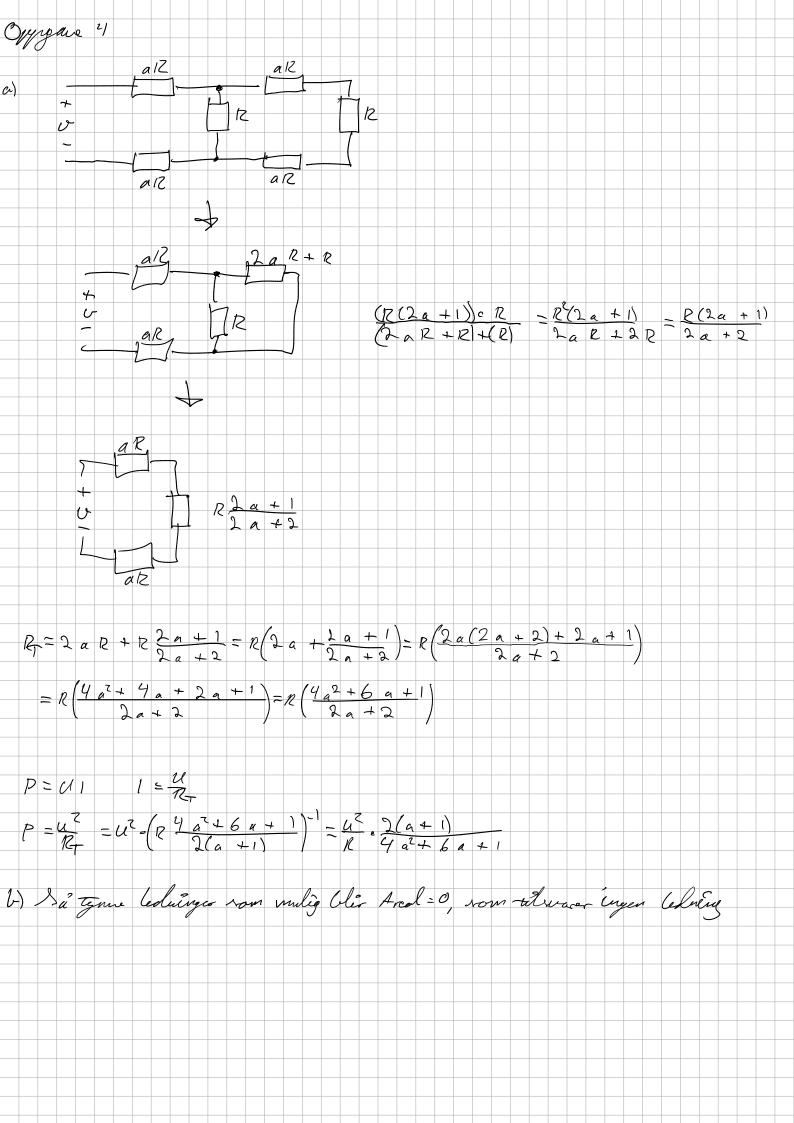












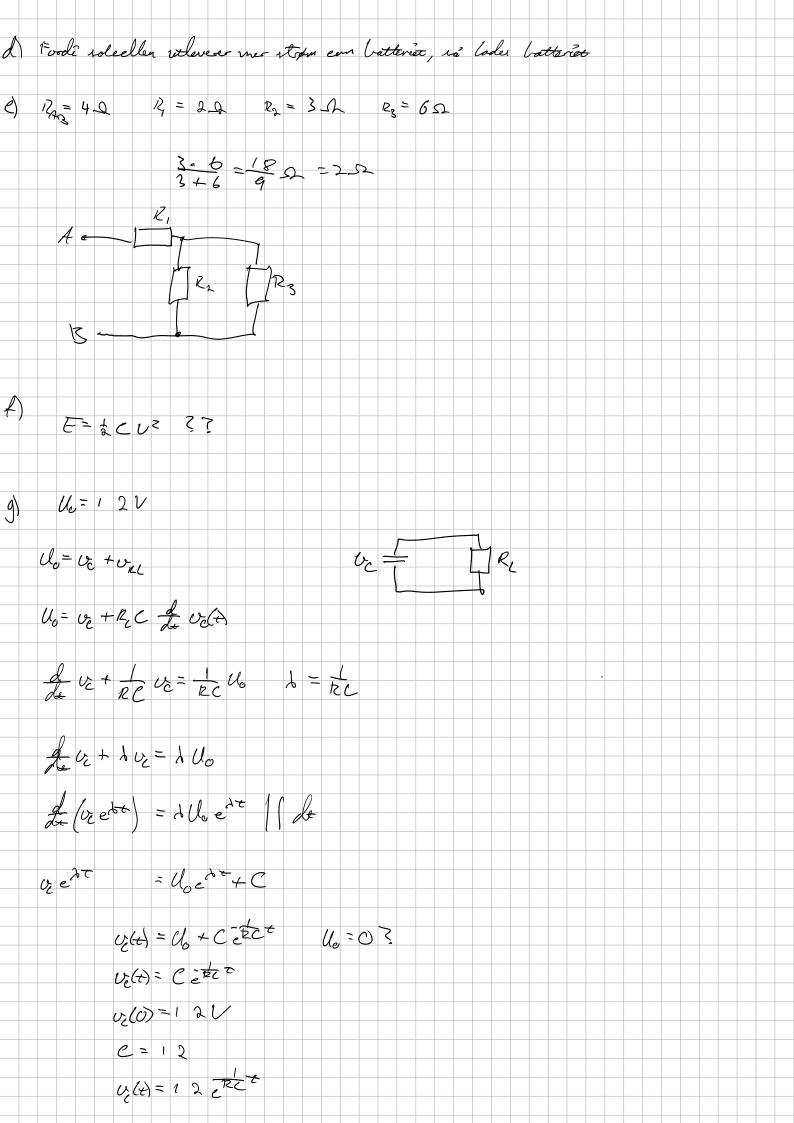
Elegener Lex 22

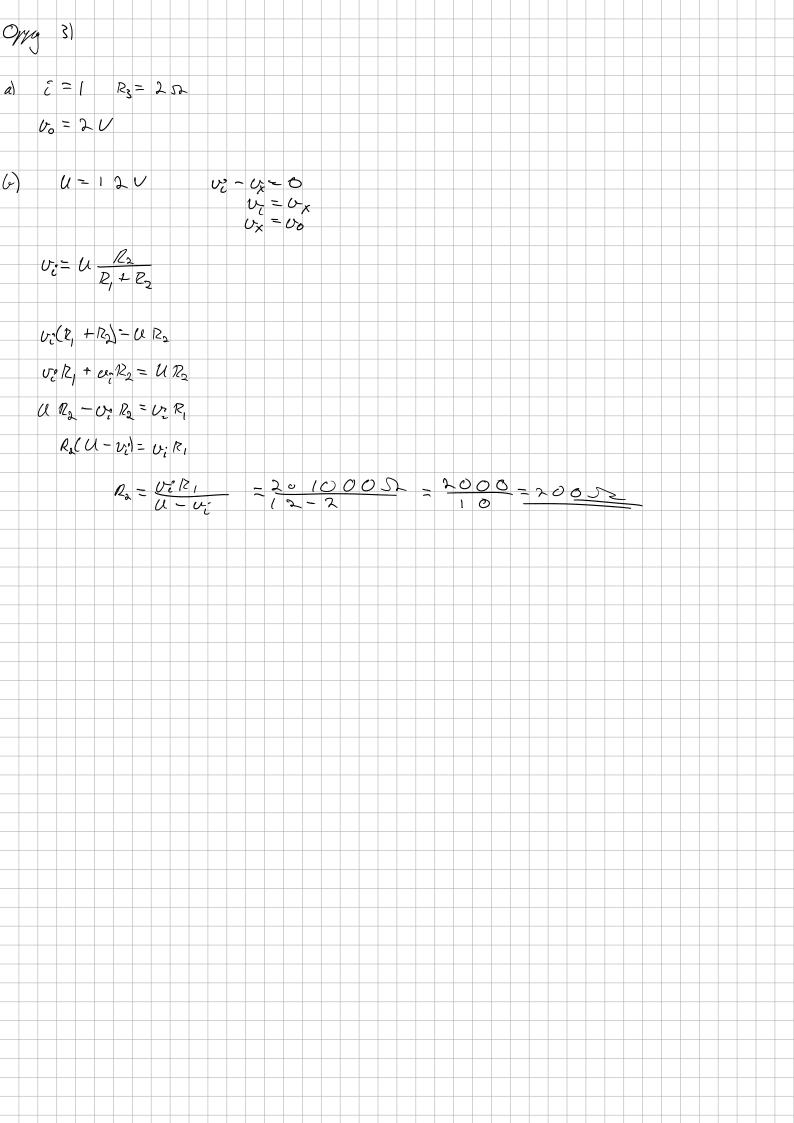
Offs 1)

of
$$R_2 = 40$$
 $u = 12V$
 $P = U_1 = \frac{4}{8}$
 $P = \frac{4}{8} = \frac{120}{16} = \frac{300}{40}$

i = $\frac{4}{8} = \frac{120}{16} = \frac{300}{16}$

i = $\frac{4}{8} = \frac{4}{8} =$





Ekromen ligne 21 Oppy 1) $\omega = k : \qquad c' = \frac{u}{R}$ $u = \frac{\omega R}{R} \qquad k = 2 C, \quad R = 9 \quad \omega = 1 \quad 0$ U=10.9-90-9-45U 6 U=12V M2=15 $\omega = k \frac{u}{r}$ w=20. 12 = 240 = 24 rem c) w= 2 1 n = Rm + R2 + R8 Run+Ri+Rx= kW Re= 2 Cl - Ri - Rim $R_3 = 20 - \frac{12}{12} - 1 - 9$ = 20-10 = 102

