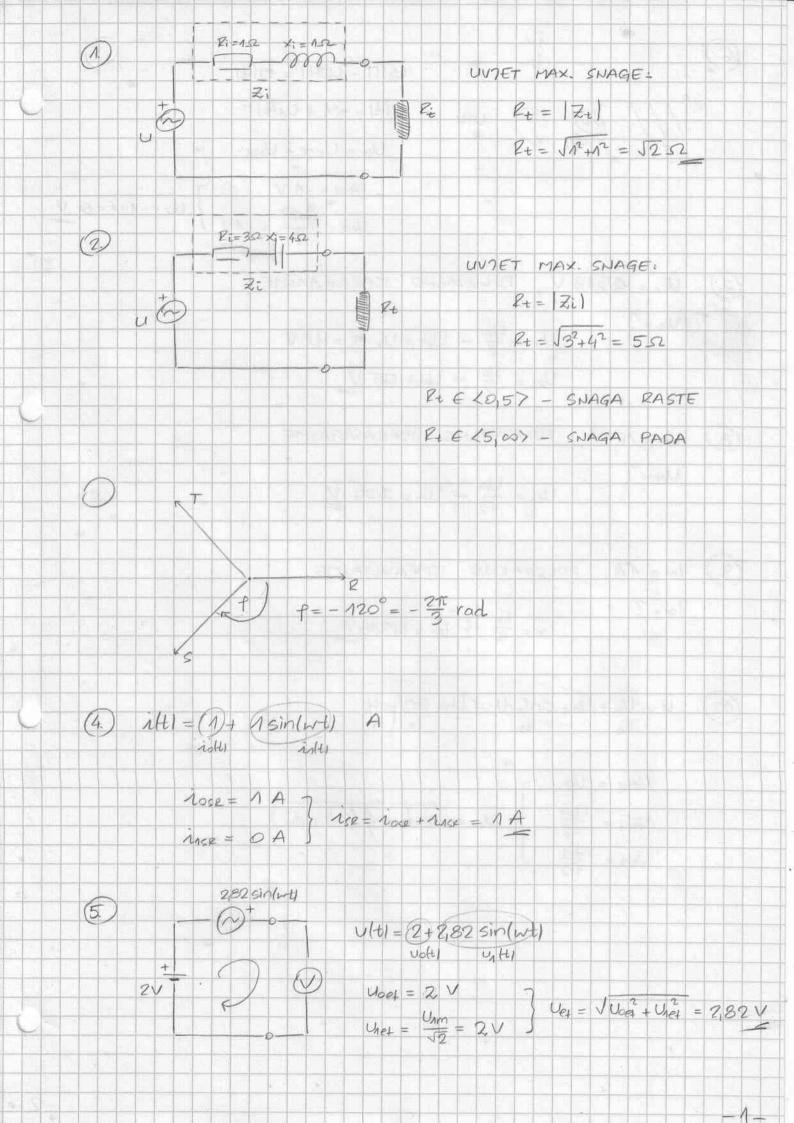
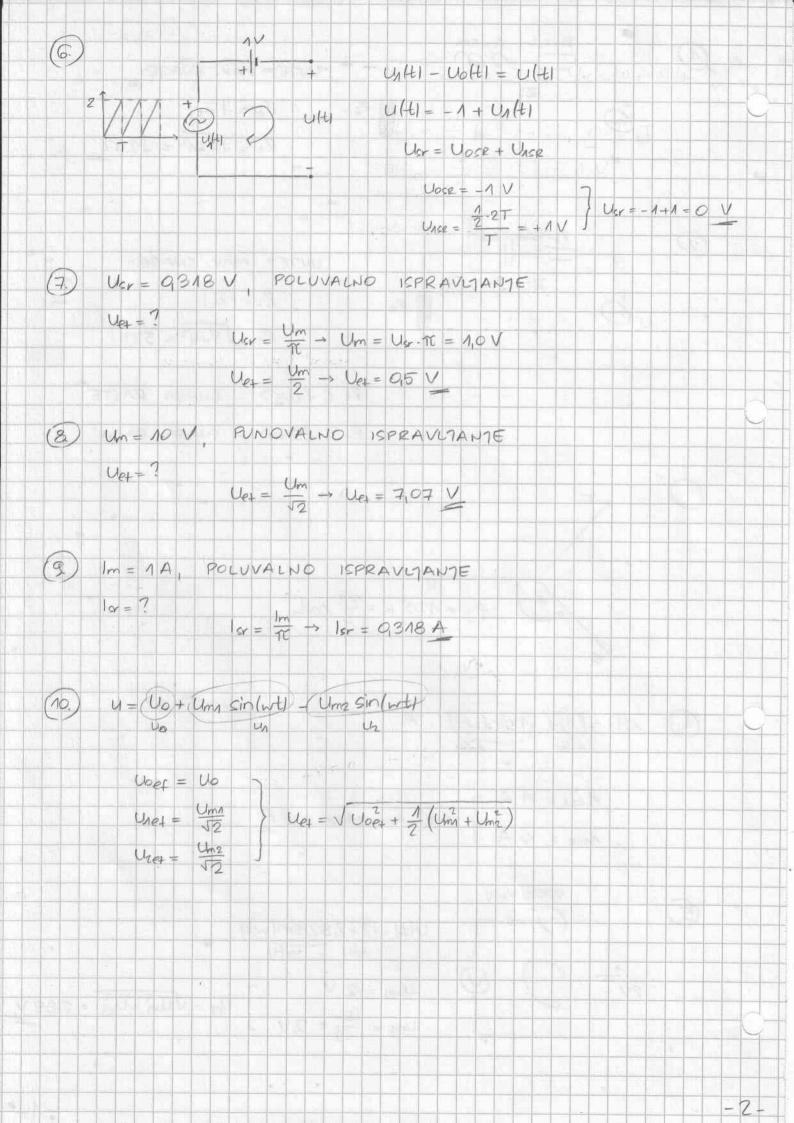
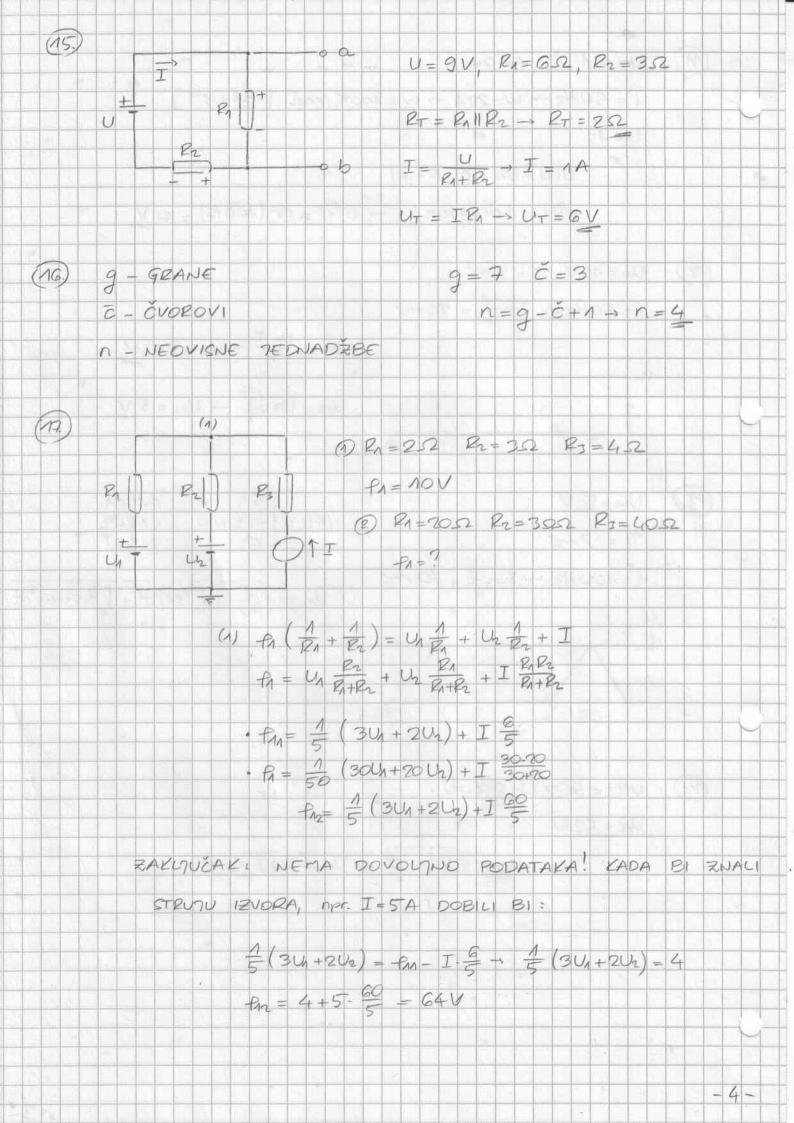
SINUSNI SIGNAL y(t) = Ymsin(wt) · Yet = \frac{1}{210} \interpretection \(\frac{1}{200} \text{ (ymsin(wt))}^2 \d(wt) = Ym J2 5 Sin2 (wt) d(wt) = Ym \(\frac{1}{2\tau} \) \(\frac{1}{2} \) \(\frac{1}{6} \) \((1 - \cos(\wt)) \(\d(wt) \) · Yer = 1 5 /m sin(wt) d(wt) = Ym \(\frac{1}{4\tau} \left(wt - \sin(wt) \right) \) \(\operatorname{0}{0} = \frac{\frac{\frac{1}{32}}{\sqrt{2}}}{\sqrt{2}} \) = 1/27 /m (-1) 005(wt) 0 PRAVOKUTHI SIGNAL · Yet = \ \frac{1}{7} \int \(\frac{1}{2} \) (\frac{1}{2} \) ot = /m / A S. ot T; T+T; 2T + = Ym J 7. t 17; = Ym J 7 T; - TRATANTE IMPULSA · yer = 1 5 /m oft $= y_m \frac{1}{T} \cdot t \int_0^{T_i}$





(M)
$$U_{m} = 1 \text{ V}, \quad f = 0$$
 $f = 50 \text{ Hz} \rightarrow W = 2\pi f \rightarrow W = 100 \text{ W} \text{ rad} \quad [\text{rad} = 5^{\circ}]$
 $t = 16$
 $U(t) = U_{m} \sin(\omega t + f)$
 $U(t) = A \sin(\omega \cos t + f) \rightarrow U(a) = \sin(400 \text{ W}) = 0 \text{ V}$

(12) $U_{m} = 10 \text{ V}, \quad t = 5 \text{ ms}$
 $f = 50 \text{ Hz} \rightarrow T = \frac{1}{f} = 20 \text{ ms}$
 $U_{m} = \frac{U_{m}T}{T} \rightarrow U_{m} = 25 \text{ V}$
 $U_{m} = \frac{U_{m}T}{T} \rightarrow U_{m} = 5 \text{ V}$
 $U_{m} = \frac{U_{m}T}{T} \rightarrow U_{m} = 5 \text{ V}$
 $U_{m} = \frac{U_{m}T}{T} \rightarrow U_{m} = 5 \text{ V}$
 $U_{m} = \frac{U_{m}T}{T} \rightarrow U_{m} = \frac{1}{5} \text{ V}$
 $U_{m} = \frac{1}{5} \text{ V}$



D face
$$2 \Rightarrow s - T$$
: $U_{R} = U_{R} | L_{R}$

$$U_{S} = U_{R} | L_{R} - 120^{\circ} = U_{R} | L_{S}$$

$$U_{T} = U_{R} | L_{R} - 240^{\circ} = U_{R} | L_{R} | L_{R} - 240^{\circ} = U_{R} | L_{R} | L_{R} | L_{R} | L_{R} - 240^{\circ} = U_{R} | L_{R} |$$

$$= -120^{\circ} \cdot \frac{4}{180^{\circ}} = -\frac{24}{3}$$

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na ofportina reade einijster 40pou UL=13. UE

(6)
$$Q$$

$$\begin{array}{c}
\downarrow & \downarrow \\
\downarrow & \downarrow$$

$$T = \frac{L}{2}$$

$$T = \frac{L}{2} = \frac{2L}{2} = 2T$$

$$\begin{array}{c} (5) \\ U \\ \overline{U} \\$$

$$U_{R}+U_{L}=U \Rightarrow U_{L}=\frac{1}{2}$$

$$U_{R}+U_{L}=U \Rightarrow U_{L}=\frac{1}{2}$$

$$U_{R}+U_{L}=U \Rightarrow U_{L}=\frac{1}{2}$$

$$U_{R}=U$$

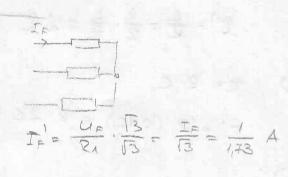
$$U_{R}=U$$

$$U_{R}=U$$

$$U_{R}=U$$

100 U22= 380 LO3 V

$$U_{1} = 320$$
 V
 $U_{4} = \frac{380}{13} = 220$ V
 $U_{70} = 220$ U



= 5'81 = 5 200 = 5 + 5 + 5 + 5 + 600 0)