

$$Z_h = 4 \Omega$$

$$P = 10 \text{ W}$$

$$I_{ki} = \sqrt{P/Z_h} = \underline{\underline{1,581 \text{ A}}}$$

$$I_{csics} = I_{ki} \cdot \sqrt{2} = \underline{\underline{2,236 \text{ A}}}$$

$$I_{ngugalmi} = \frac{I_{csics}}{2} \cdot 1,5 = 1,677 \approx \underline{\underline{1,7 \text{ A}}}$$

$$U_{ki} = \sqrt{P \cdot Z_h} = \underline{\underline{6,32 \text{ V}}}$$

$$U_{csics} = U_{ki} \cdot \sqrt{2} = \underline{\underline{8,93 \text{ V}}}$$

$$U_{TAP} = (U_{csics} \cdot 2) + 2 = 19,87 \approx \underline{\underline{20 \text{ V}}}$$