M. Hasyem Abdellah P. 110119095

$$Q_5 = \frac{X_5}{R_5} = \frac{25}{100} = \frac{1}{4}$$

$$X_{p} = \frac{R_{p}}{Q} = \frac{\omega_{6,25}}{0,25} = 425$$

Model parolel = (106,25 - 5425) 1

$$Q = \sqrt{\frac{106,25}{50}} = 1,06$$
 $Q_c = \frac{X_c}{R_c} = X_c = Q.2s$

$$Q_{\rho} = \frac{R_{\rho}}{X_{\rho}} \rightarrow X_{\rho} = \frac{R_{\rho}}{Q_{\rho}}$$

$$X_{\rho} = \frac{106, 26}{1,06}$$

$$X_{\rho} = 100 \Omega = 5000$$

No.
Date:

M. Hasym Abrillah 9 1101191295



