

$$\sum_{st}^{"} = \frac{V_m}{X_d^{"} + Z_T} = \frac{\int_{z}^{z} (1.0)}{0.15 + 0.15} p.u$$

$$T_{0c} = \frac{V_m}{X''J} e^{-\frac{V_m}{T_m}} = \frac{\sqrt{2}(1.0)}{0.15} e^{-\frac{V_0.15}{0.15}}$$

$$T_{0c} = \frac{V_m}{X''d} e^{-\frac{t}{4}} = \frac{\sqrt{2}(1.0)}{0.15} e^{-\frac{t}{6}0.15}$$

$$R = \frac{1}{3xf} = \frac{1}{3xf} = \frac{5.56}{3x40} = \frac{5.56}{3x40} = \frac{5.56}{3x40} = \frac{1}{3x40} = \frac{1}{3x4$$

$$I_{DC}[R] = I_{DC} \times I_{Book} = 9.0853 \times 2.415 EKA]$$

$$I_{DC}[R] = 21.945[KA]$$