$$\frac{N^{2} 8.1}{A} = \frac{Q. l}{A} = \frac{0.045. \ 1260}{90} = 0.245 \Omega$$

$$Rt = R + R = 0.245 + 0.26 = 0.505 \Omega$$

$$I = \frac{U}{R} = \frac{600}{0.505} = \frac{1188.12 A}{12.505}$$

$$\bar{I} = \frac{U}{R} = \frac{225}{31} = \frac{7,258A}{}$$

Nº 8.3

$$I = \frac{u}{R} = \frac{300}{50000} = \frac{6 \text{ m A}}{}$$

Nº 8.4

Le point neutre est relie à la terre donc rouplage Y!

$$UPh = \frac{U}{\sqrt{3}} = \frac{16}{1.73} = 9,837 \text{ kV}$$

$$I = \frac{U}{R} = \frac{9237}{8600} = \frac{1,074 A}{}$$

Nº 8.5

Itot = Ia + Ib = 0,640+ 1,065 = 1,707 A = 100%

$$A = d^2 \cdot 0.785 = 8^2 \cdot 0.785 = 50,265 \text{ mm}^2$$

$$R = \frac{\varphi. l}{A} = \frac{0.0175 \cdot 320}{50.65} = 111,41 \text{ m } \Omega$$

$$l = \frac{R.A}{\varphi} = \frac{0.0838.50,265}{0.0175} = \frac{240 \text{ m}}{}$$