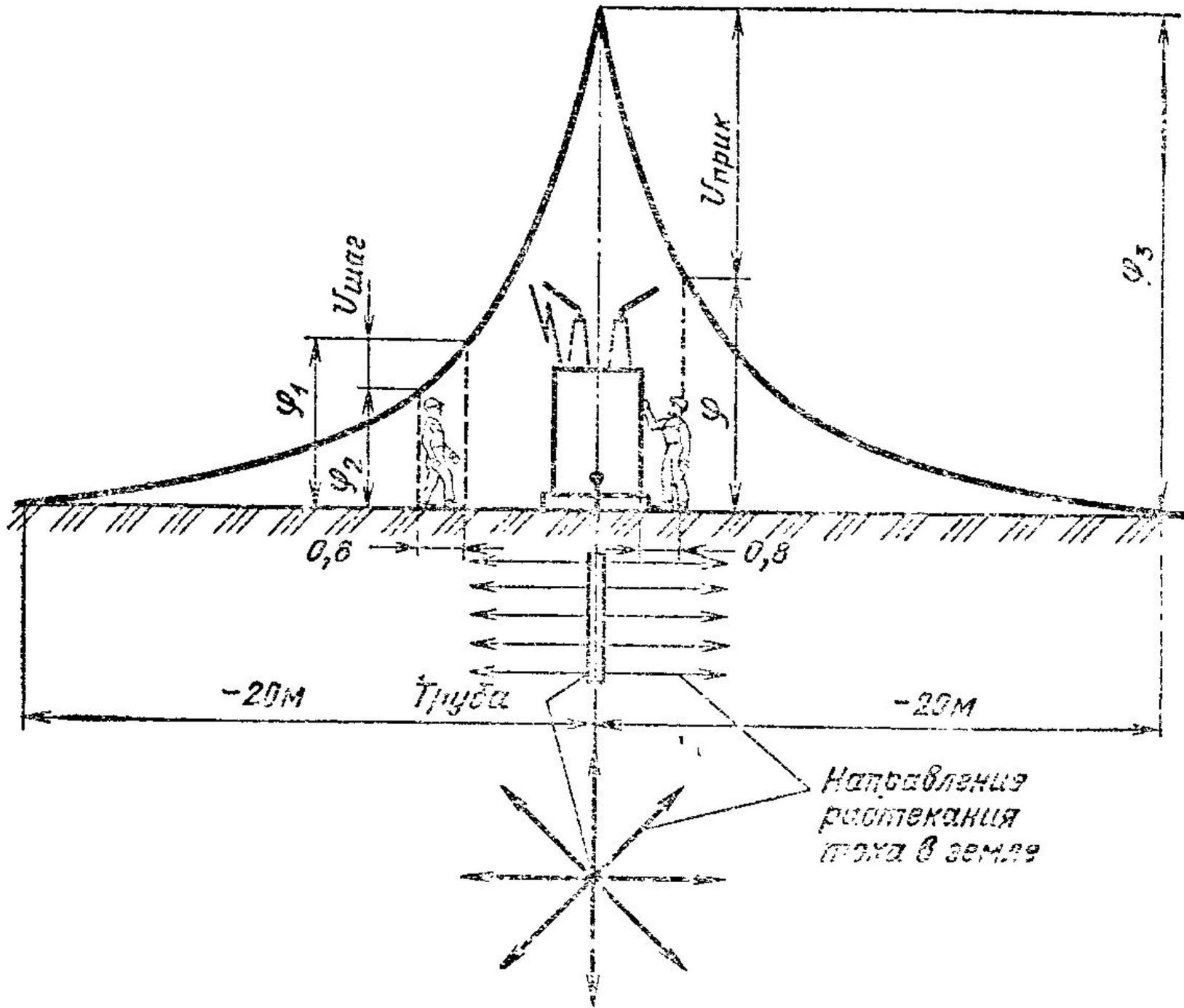


***Заземляющие
устройства в эл.
сетях. Методика их
расчета.***



$$R_{3y} \leq 0,5 \text{ Ом}$$

$$R_{3y} \leq \frac{U_3}{I_3} \quad I_3 = \frac{U_H \cdot (35 \cdot l_K + l_B)}{350}$$

$$U_3 = 250B$$

$$U_3 = 125B$$

$$R_{3Y} = \frac{R_I \cdot R_E}{R_I + R_E} \quad \longrightarrow \quad R_I = \frac{R_E \cdot R_{3Y}}{R_E - R_{3Y}}$$

$$R_{OB} = 0,00227 \cdot \rho \text{ [} O_M \text{]}$$

$$R_{OB} = \frac{\rho}{2 \cdot \pi \cdot l} \cdot \ln \frac{4 \cdot l}{d}$$

$$R_{OB} = 0,00227 \cdot \rho \text{ [} O_M \text{]}$$

$$N = \frac{R_{OB}}{k_{II} \cdot R_{II}}$$

$$R_{P\Gamma\Theta} = \frac{R_{\Gamma\Theta}}{k_{\Pi\Gamma}}$$

$$R_{B\Theta} = \frac{R_{P\Gamma\Theta} \cdot R_{\Pi}}{R_{P\Gamma\Theta} - R_{\Pi}}$$

$$N = \frac{R_{OB}}{k_{\Pi} \cdot R_{B\Theta}}$$