

Jednačine telegrafičara za idealan vod

$$\underline{U}_2 = \underline{U}_1 \cos \beta L - j Z_c \underline{I}_1 \sin \beta L$$

$$\underline{I}_2 = \underline{I}_1 \cos \beta L - j \frac{\underline{U}_1}{Z_c} \sin \beta L$$

Parametri tronamotajnog transformatora

$$R_1 = \frac{1}{2} (R_{12} + R_{13} - R_{23})$$

$$R_2 = \frac{1}{2} (R_{12} + R_{23} - R_{13})$$

$$R_3 = \frac{1}{2} (R_{13} + R_{23} - R_{12})$$

Parametri nesimetrične π šeme regulacionog transformatora

$$\underline{Z}_1 = \frac{t^2 \underline{Z}_T}{1 - t}$$

$$\underline{Z}_2 = t \underline{Z}_T$$

$$\underline{Z}_3 = \frac{t \underline{Z}_T}{t - 1}$$