

Exemplo:

$$\frac{P_{2}+j(Q_{2}-Q_{e_{2}})}{R_{0+}+j(Q_{1}+Q_{2}-Q_{e_{1}}-Q_{e_{2}})} = \frac{P_{2}+j(Q_{2}-Q_{e_{2}})}{R_{1}+j(Q_{2}-Q_{e_{2}})} = \frac{P_{2}+j($$

$$R+jX \qquad P+jQ$$

$$\Delta V = \frac{PR+QX}{10V^2}$$

$$E = \Delta V - \Delta V' = \frac{QeX}{10V^2}$$

$$E = \Delta V - \Delta V' = \frac{QeX}{10V^2}$$

Exemplo:

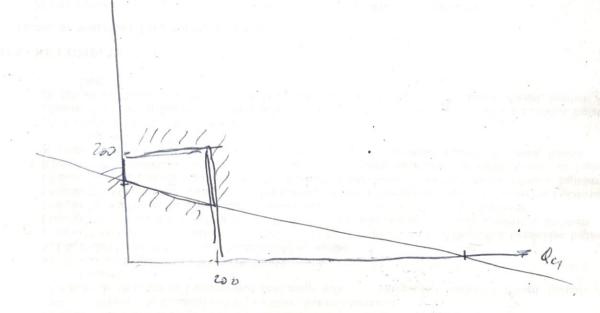
$$E_{c_1}^2 + E_{c_2}^2 \ge 5\%$$

$$E_{c_1}^2 = \frac{U_{c_1} X_{0-1}}{10V^2}$$

$$E_{c_2}^2 = \frac{U_{c_2} (X_{0-1} + X_{1-2} + X_{72})}{10V^2}$$

## Xo-i Qe, + (Xo-i + X1-2 + XTE) Que 35.10 V2

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