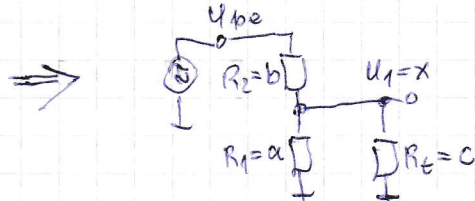
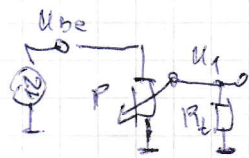


Terhelt osztó átvitele



$$\begin{cases} a+b=1 \\ c=R_L/P \end{cases}$$

$$x = \frac{ac}{ab+c}$$

$$b=1-a$$

$$x = \frac{ac}{c+a-a^2}$$

$$\longrightarrow x = AC \div (C+A-A^2) \quad \boxed{\text{solve}}$$

$$x(c+a-a^2) = ac$$

$$xc + xa - xa^2 = ac$$

$$xa^2 + a(c-x) - xc = 0 \quad | :x$$

$$a^2 + \left(\frac{c}{x} - 1\right) - c = 0$$

$$a = \frac{1 - \frac{c}{x} \pm \sqrt{\left(\frac{c}{x} - 1\right)^2 + 4c}}{2}$$

$$a = \frac{1 - \frac{c}{x} + \sqrt{\left(\frac{c}{x} - 1\right)^2 + 4c}}{2}$$

