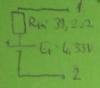
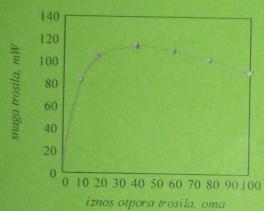
VJEŽBA III. 1 Teoremi mreža

Pokus 1 Theveninov i Nortonov teorem u istosmjernoj mreži broj radnog mjesta

Popis opreme: analogni ampermetar, digitalni vol tretar i ohmetar, 2 okparnika od 50.0, 1 otparnik 1000, 100 promjenjih apprinik 0-100-si, nelineoviri

1. Teveninov nadomjesni izvor





Nortonov nadomjesni izvor

A

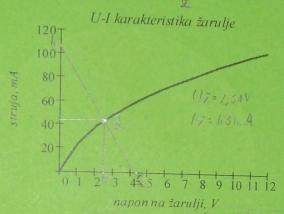
Dla=105mA

R

2

2

2



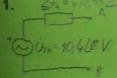
odgovori na pitanja:

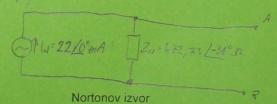
120,95-78,48+16 16 1900 120,95-78,48+16 16 1900 1000 - 6, 1904 - 2010-382 = 18,758 1000 - 6, 1904 - 2010-382 = 10,57.0

3. za maksimalnu snagu otpor R mora biti $R=\Omega$ Ω . Napon je u tom slučaju $U_R=\frac{d_F}{2}=2.465$ V

Pokus 2. Theveninov i Nortonov teorem u izmjeničnoj mreži

Popis opreme: Onalogni ampermetor, deplane 10timber, regerio frency kete, 1200 121 1 ofame 4200, ofame 4200, 1200 121 1 ofame 4200, ofame





The veninov izvor **2.**
$$R = 2_{74} = 2_{8} = 432,73 = 12$$

3.
$$I_R = \frac{I_N}{2} = 11 mA$$