

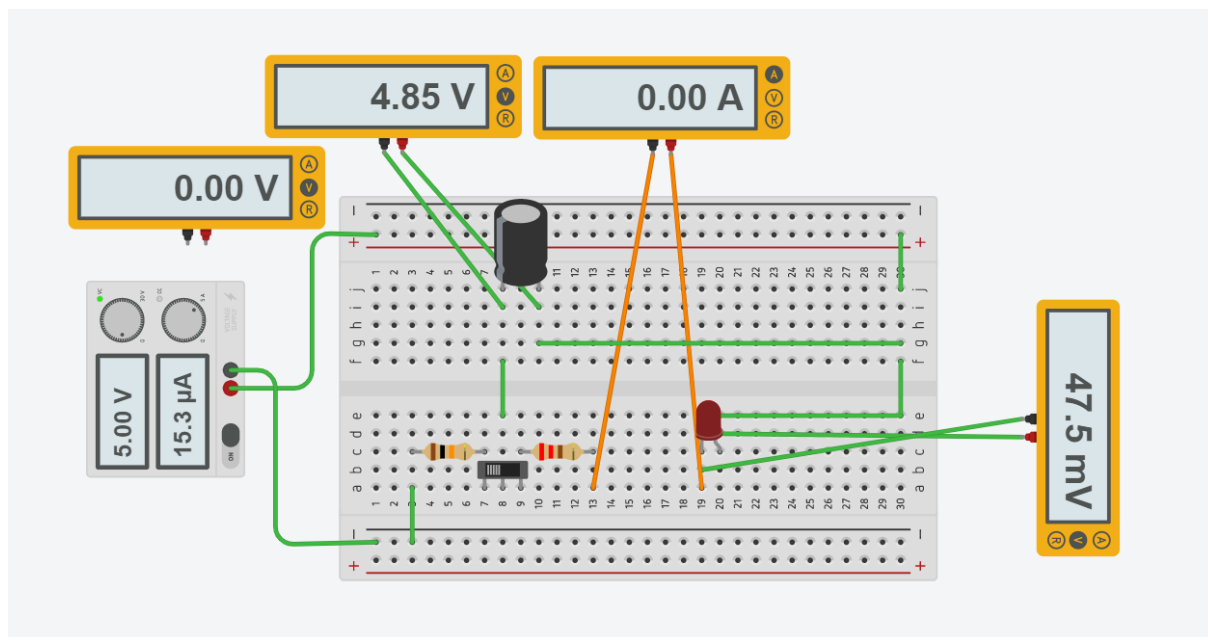
IEL - Virtuální laboratoř 2.

Vypracoval: Maxim Plička

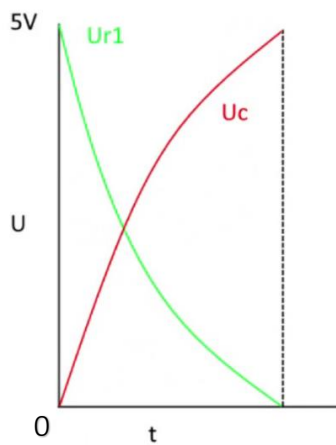
Login: xplick04

Skupina: pátek, 9:00 – 10:50, liché, Malaník

Experiment 1



4.b



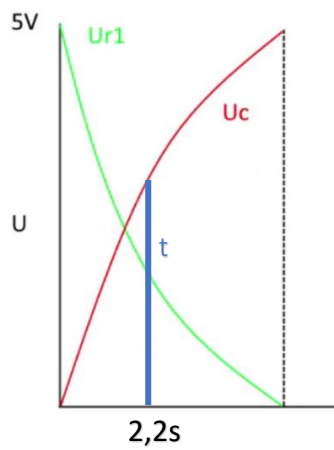
4.c

$$U_{r1}(t) + U_c(t) = U$$

4.d

$$T = R * C$$

$$T = 2.2s$$



Experiment 2

1.a

$$t(90\%) = 5,5s$$

$$t(63\%) = 3s$$

1.b

$$t(90\%) = 5,5s$$

$$t(63\%) = 3s$$

1.c

$$t(90\%) = 52s$$

$$t(63\%) = 24s$$

2.a

$$t(63\%) = R * C$$

$$t(63\%) = 10\,000 * 0,00022 = 2,2s$$

2.b

$$t(63\%) = 100\,000 * 0,000022$$

$$t(63\%) = 2,2s$$

2.c

$$t(63\%) = 100\,000 * 0.00022$$

$$t(63\%) = 22s$$

Experiment 3

4.

t= 4min 45s

5.

Napětí na diodě klesá.