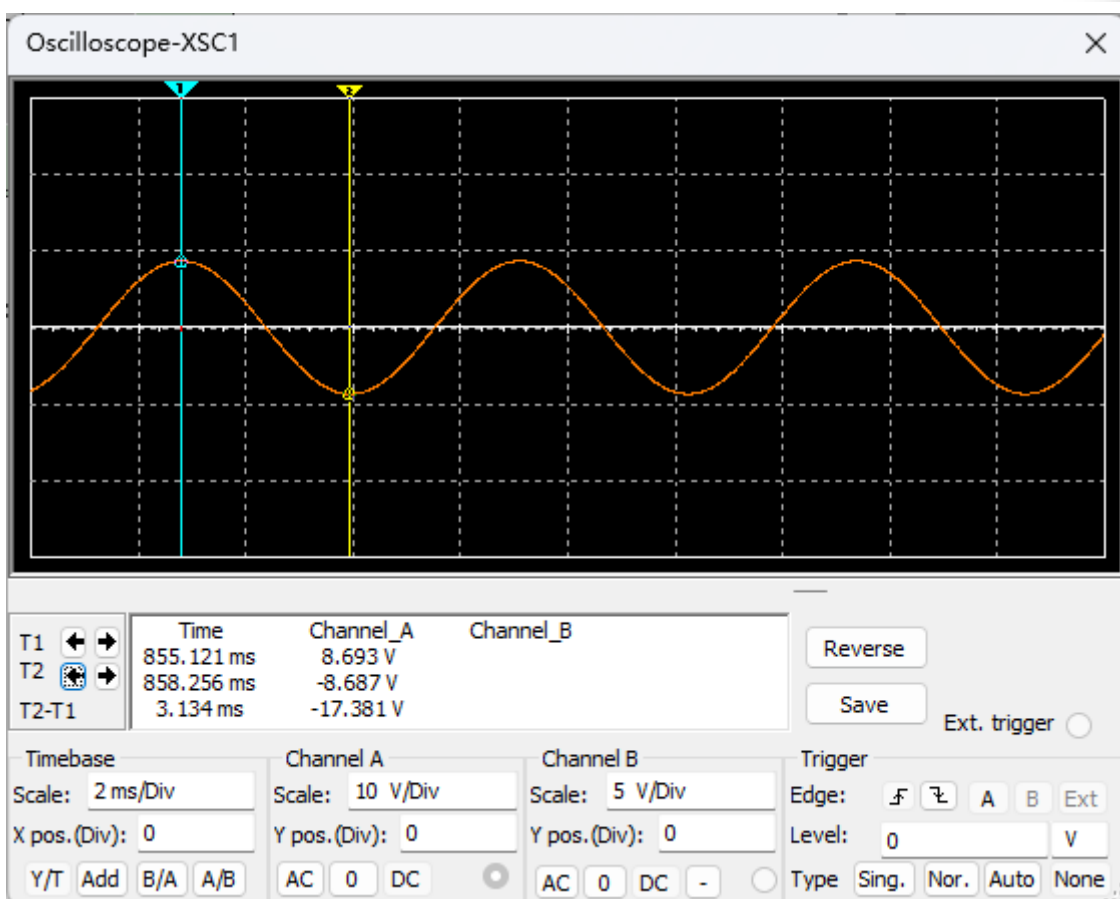
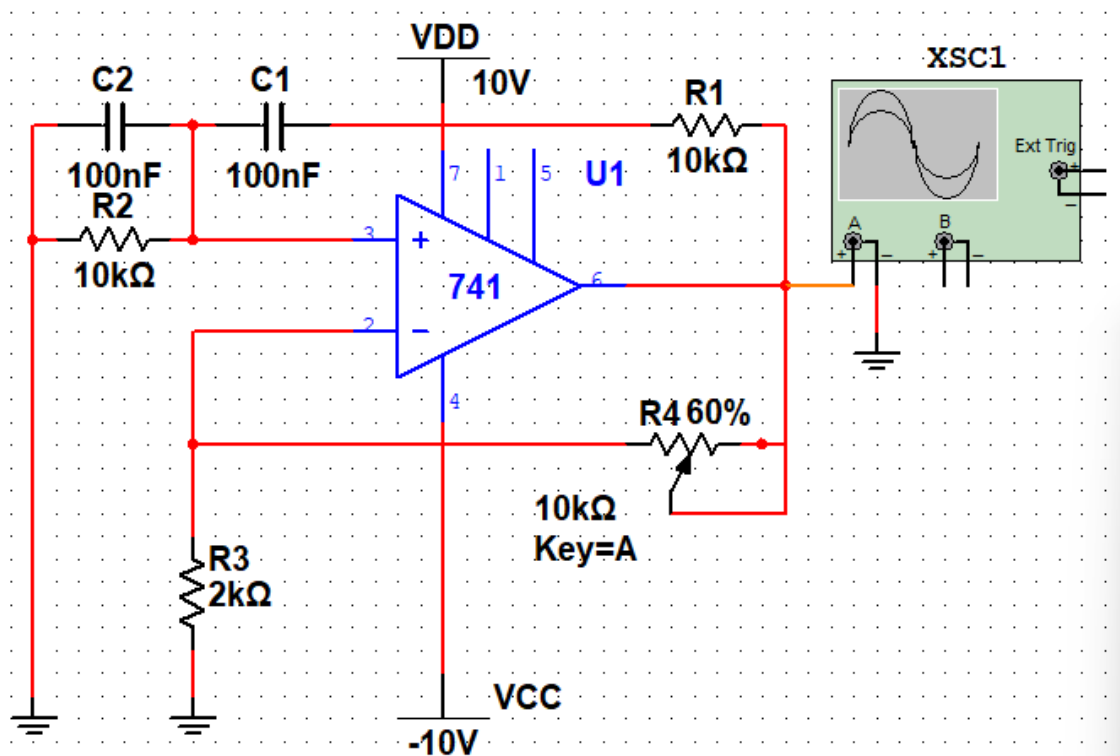


2022-10-29

文氏桥振荡器

1. 电路设计

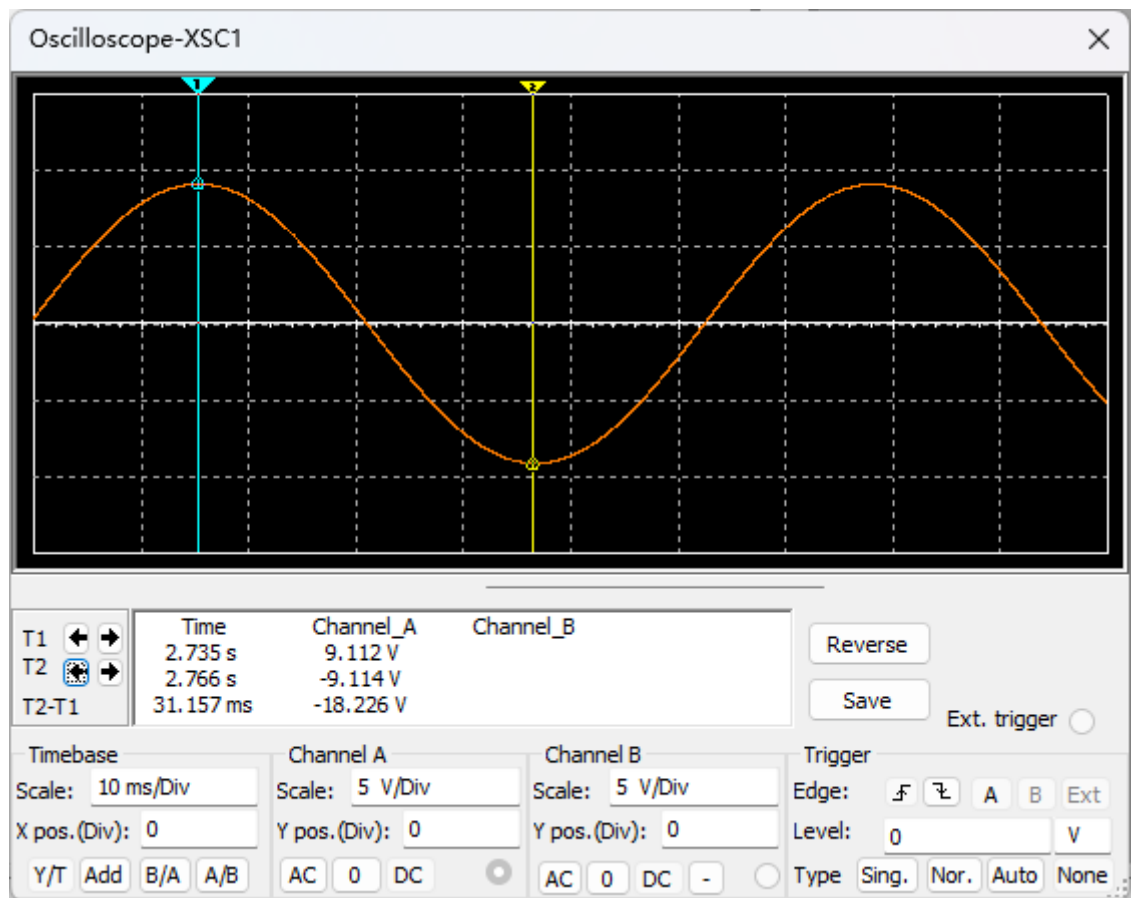


信号幅度: 8.691 V

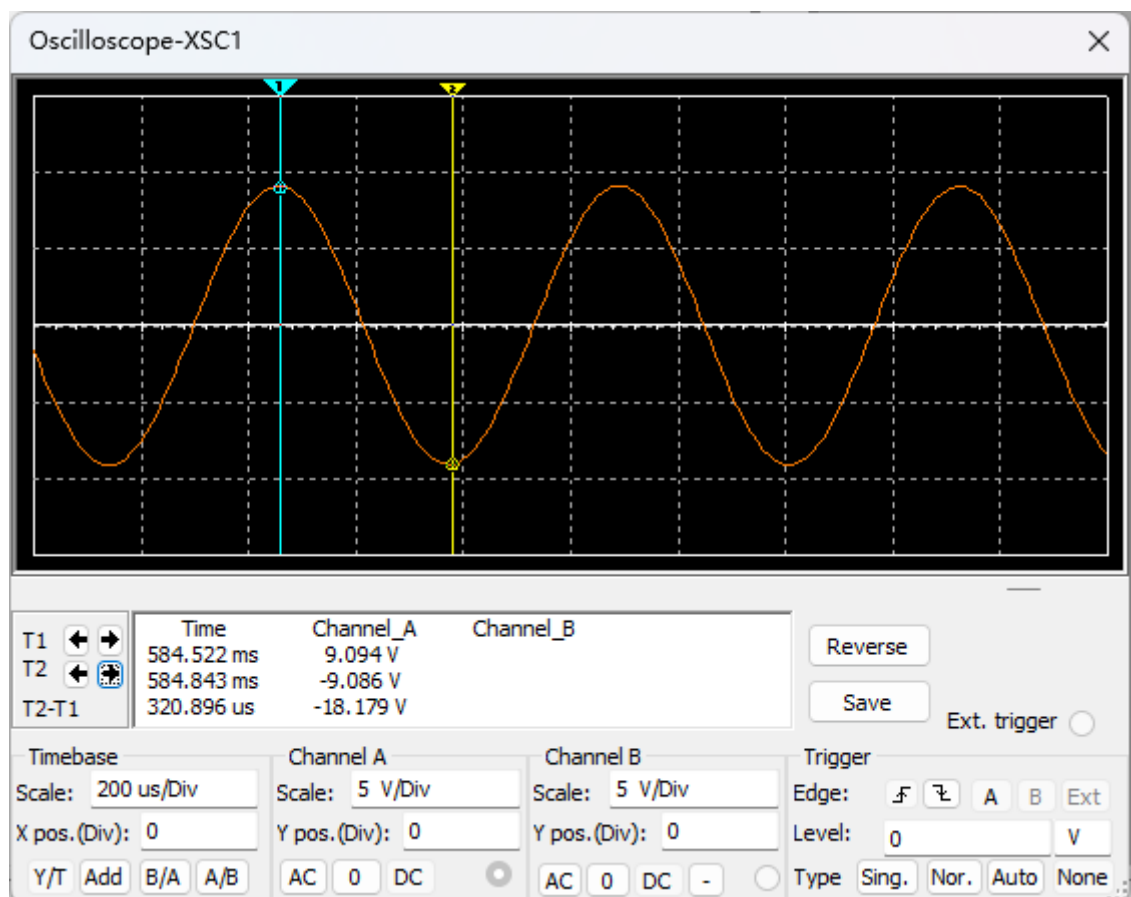
信号频率: 0.160 kHz

2. RC

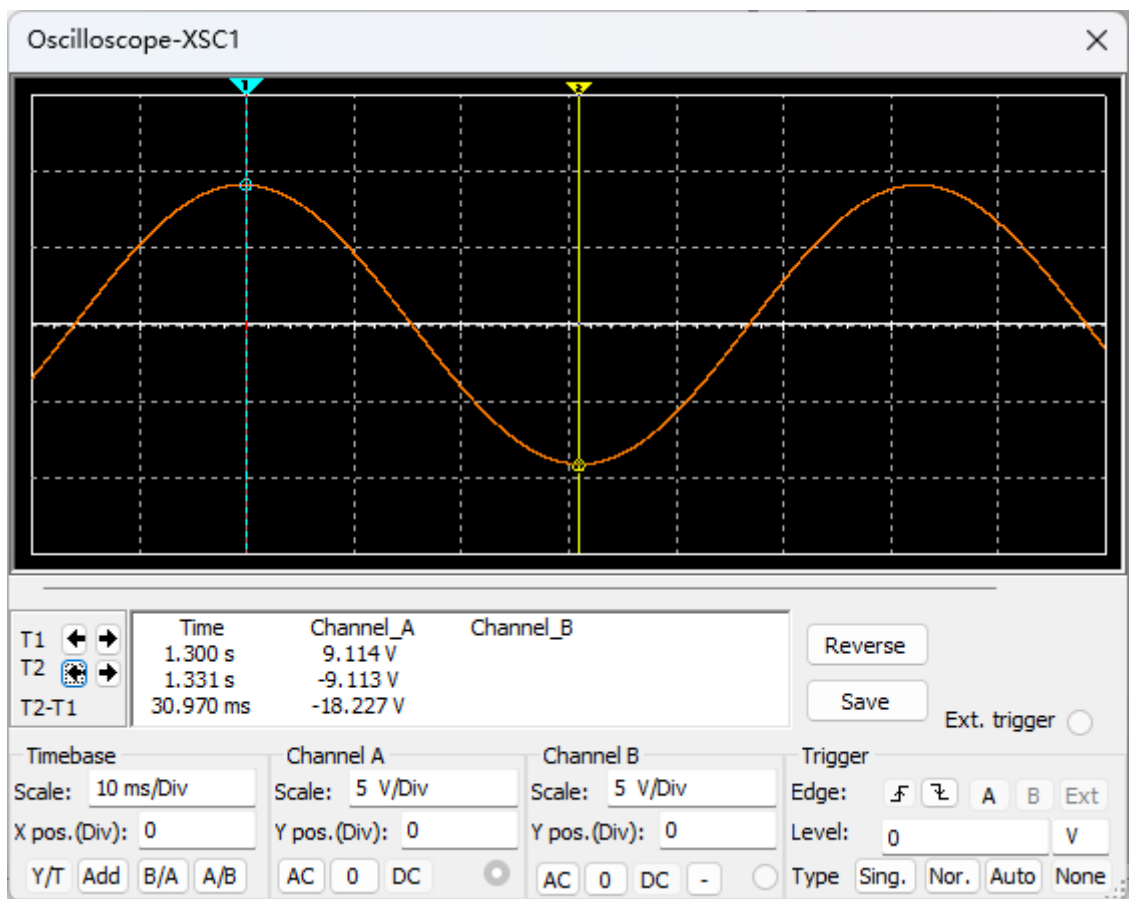
$R = 100\text{k}\Omega$, $C = 100\text{nF}$



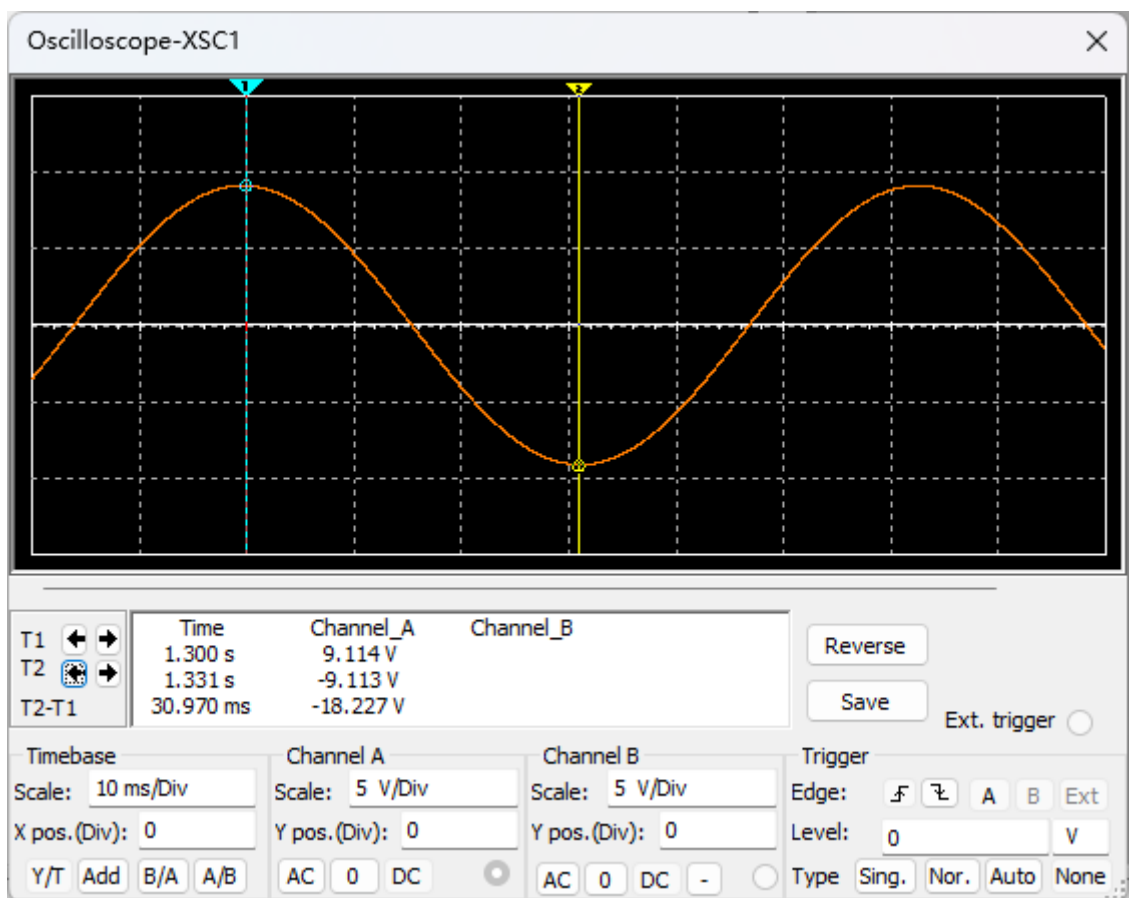
$R = 1\text{k}\Omega$, $C = 100\text{nF}$



$R = 10\text{k}\Omega$, $C = 1000\text{nF}$

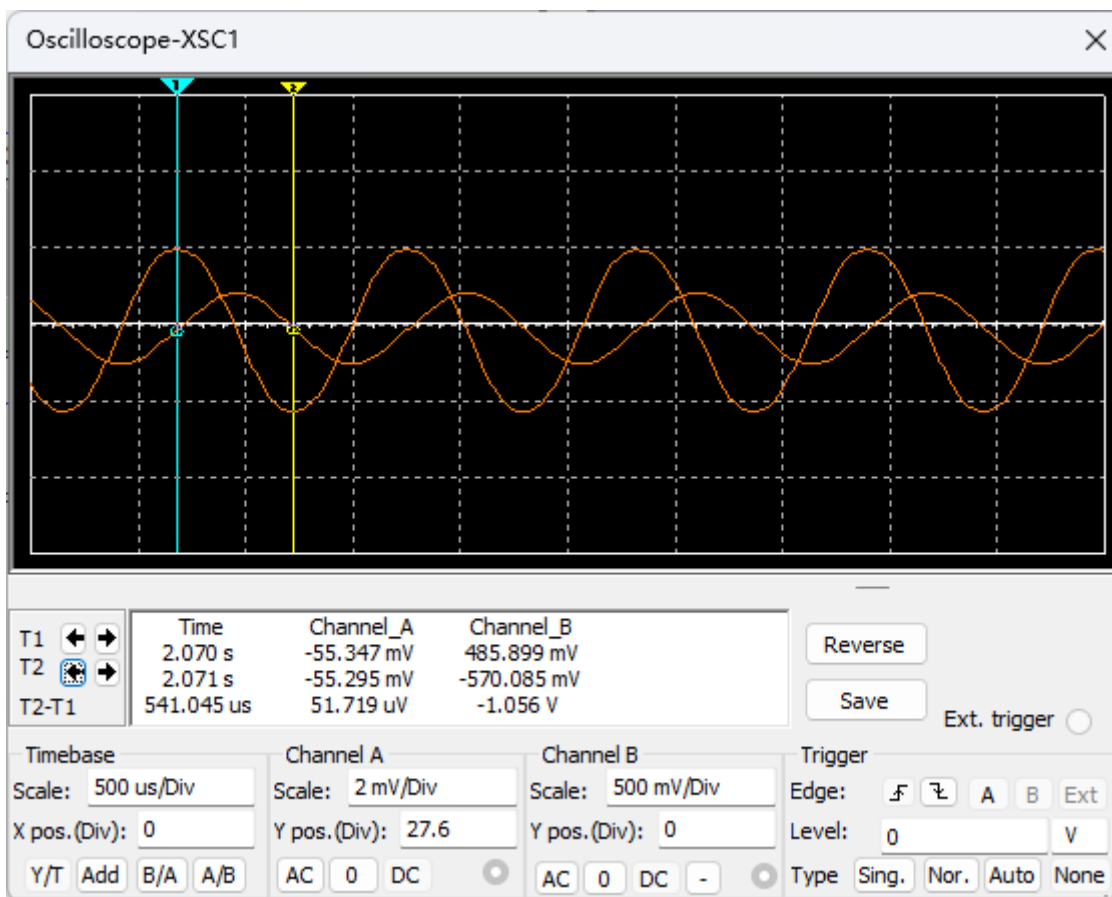
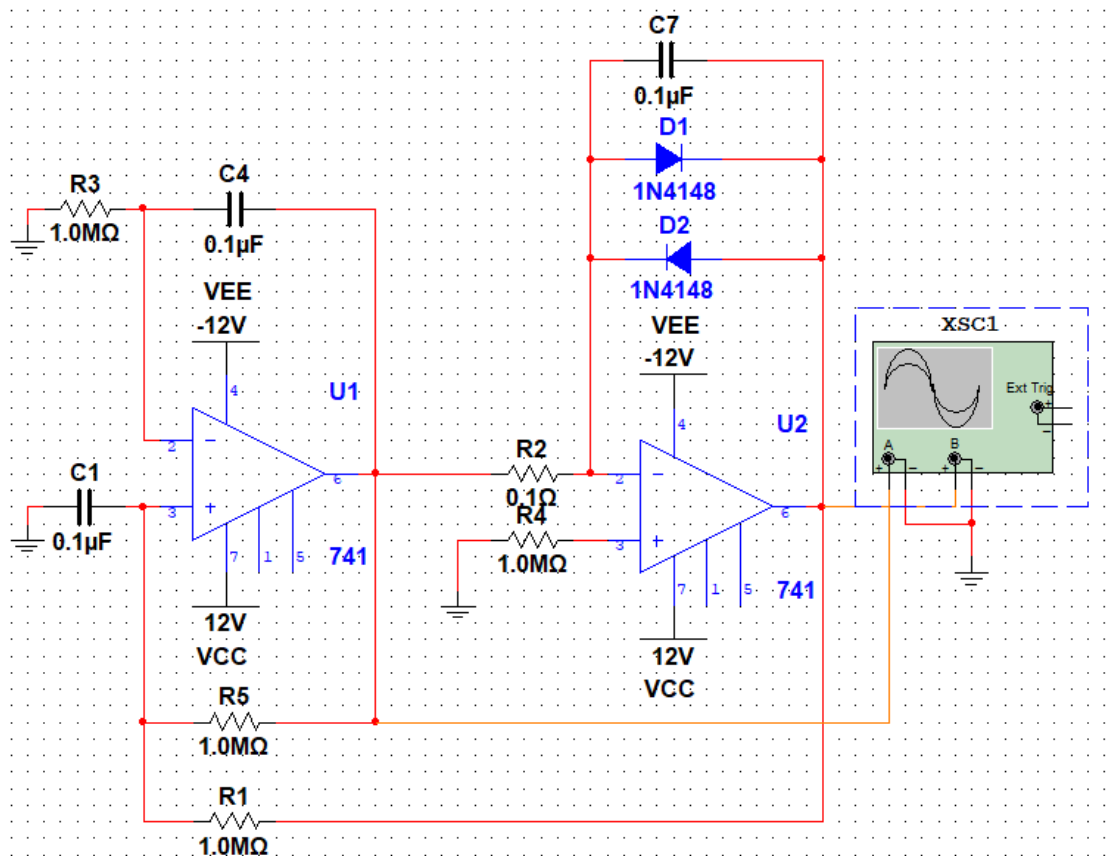


$R = 10\text{k}\Omega$, $C = 10\text{nF}$



正交振荡器

1. 电路设计



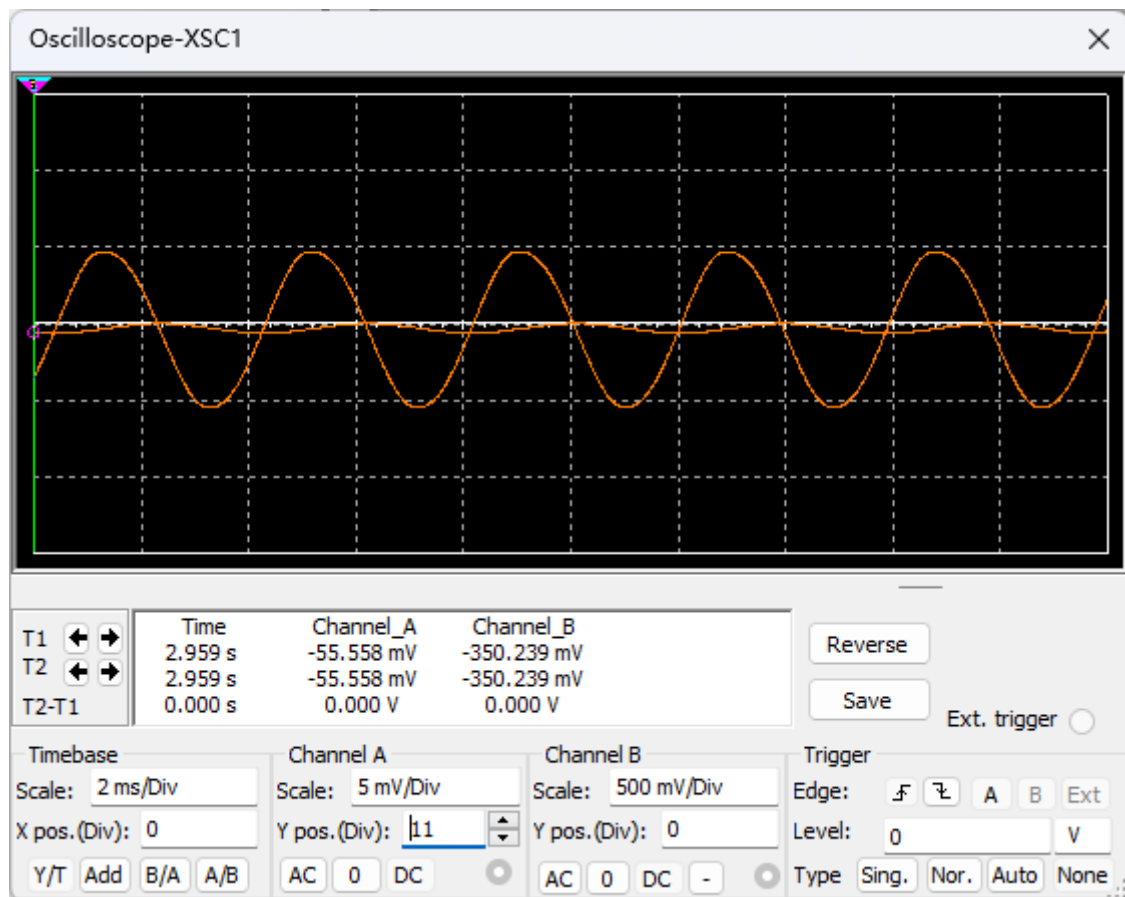
A波形，信号幅度 0.93 mV，信号频率 1.881kHz

B波形，信号幅度 527.992 mV，信号频率 1.848kHz

相位差 93.892度

2. C

C = 1 μ F



C = 0.01 μ F

