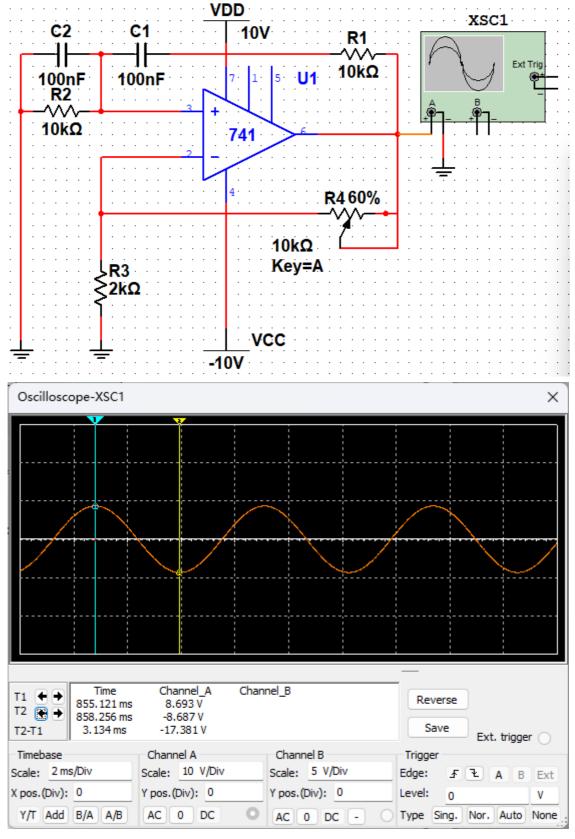
# 2022-10-29

## 文氏桥振荡器

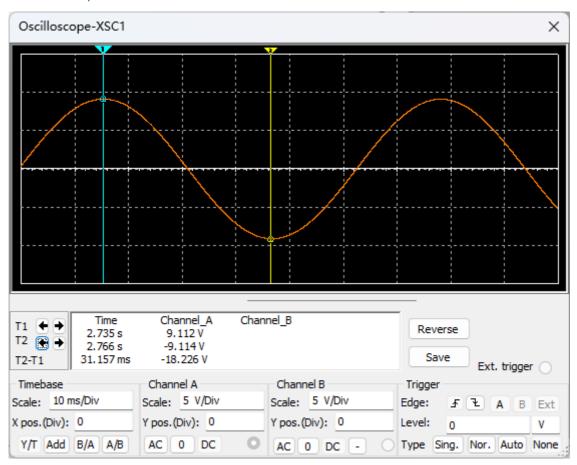
## 1. 电路设计



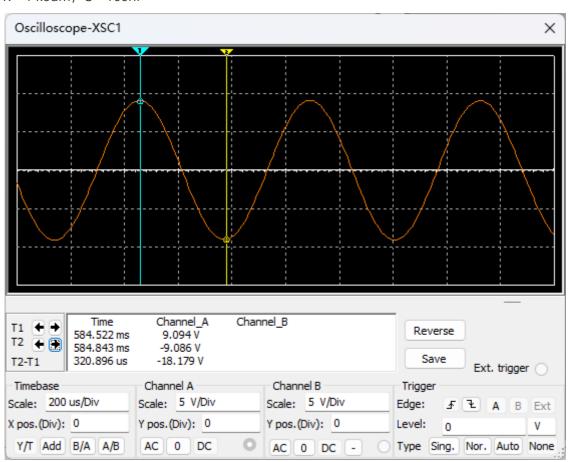
信号幅度: 8.691 V

#### 2. RC

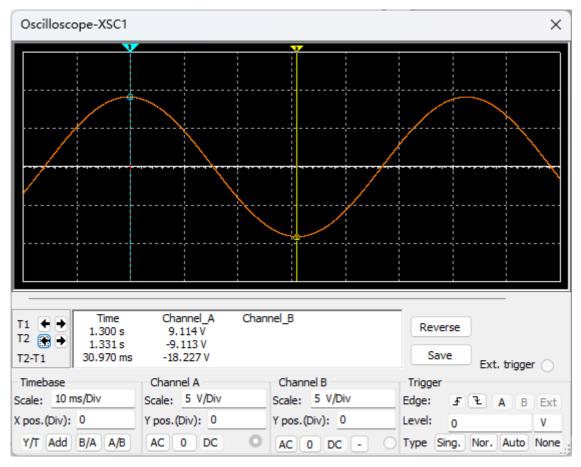
R = 100koum, C = 100nF



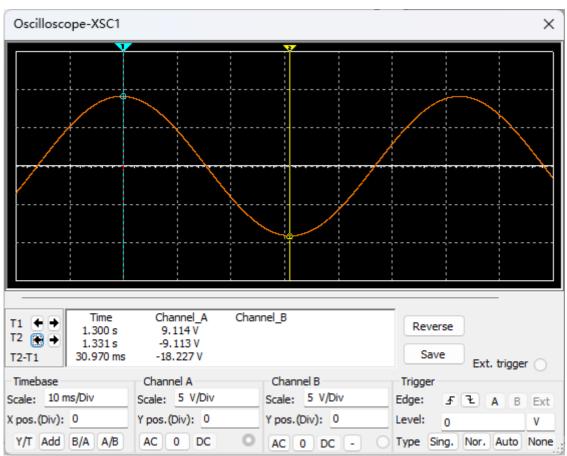
R = 1 koum, C = 100 nF



R = 10koum, C = 1000nF

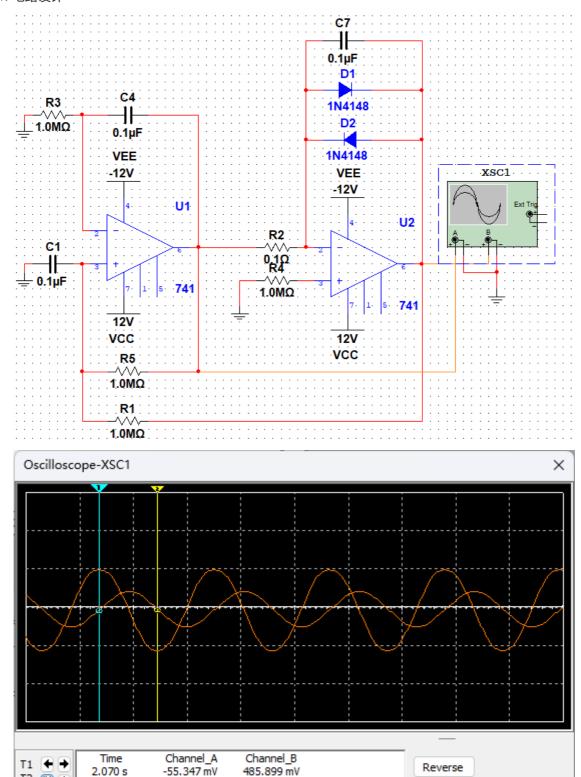


R = 10koum, C = 10nF



# 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

2.071 s

541.045 us

B波形,信号幅度 527.992 mV,信号频率 1.848kHz

-55.295 mV

51.719 uV

Scale: 2 mV/Div

Y pos.(Div): 27.6

AC 0 DC

Channel A

-570.085 mV

-1.056 V

Channel B

Y pos.(Div): 0

Scale: 500 mV/Div

AC 0 DC -

Save

Type Sing. Nor. Auto None

Trigger

Edge:

Level:

Ext. trigger

B Ext

相位差 93.892度

T2 🙀 →

-Timebase

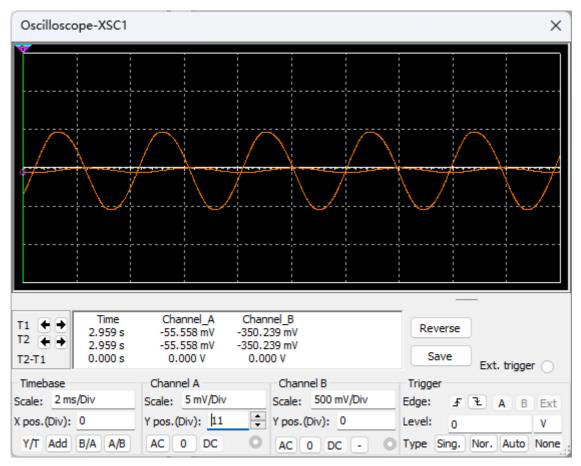
Scale: 500 us/Div

Y/T Add B/A A/B

X pos.(Div): 0

T2-T1

C = 1 uF



C = 0.01 uF

