Laboratory #11 Report

Class:

Name: Student ID:

1. Exploration 1

The waveform of Vi and Vo of inverting operation.

1. Exploration 2
   1. The waveform of square-waveform oscillator.
   2. The waveform of V- and Vo (R=10kΩ)
   3. The waveform of V- and Vo (R=100kΩ)
2. Exploration3

The waveform of Pierce crystal oscillator

1. Problem 1

How to decrease the frequency of square-wave oscillator?

1. Problem 2

Describe the main function of the feedback resistor in Pierce crystal oscillator

1. Conclusion