

1. You have a waveform modulated by FSK below. What would the original digital bitstream? Please draw the bitstream aligned with time in the FSK signal shown in Figure 1.

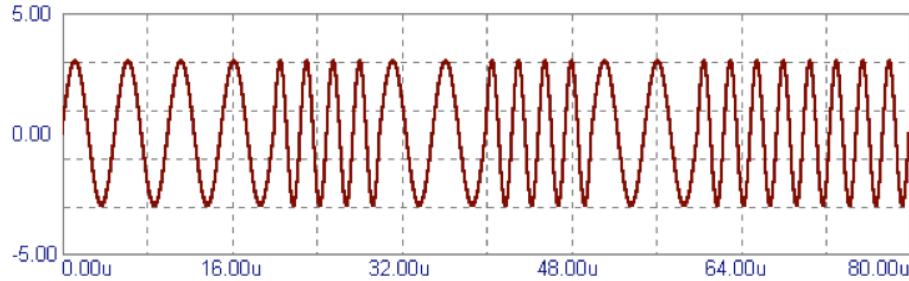


Figure 1: FSK modulated signal.

2. Figure 2 shows a circuit that can be used for FSK modulation. Draw a FSK signal for bitstream, 1, 1, 0, 0, 1, 0, generated based on the circuit shown in Figure 2.

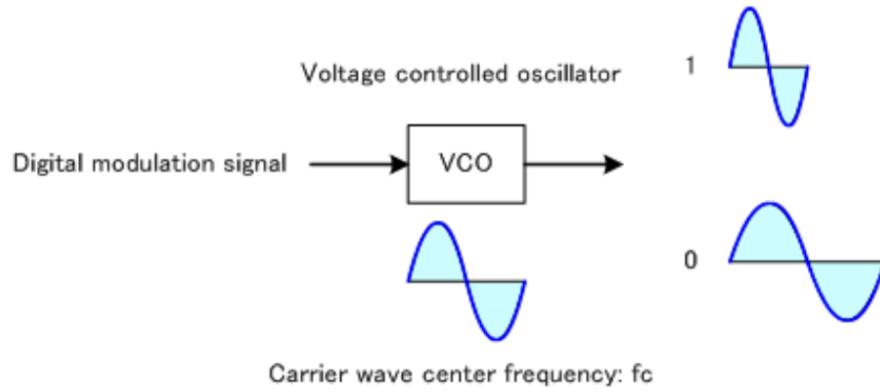


Figure 2: FSK modulation circuit.