HKUSTx: ELEC1200.1x A System View of Communications: From Signals to Packets (Part 1)

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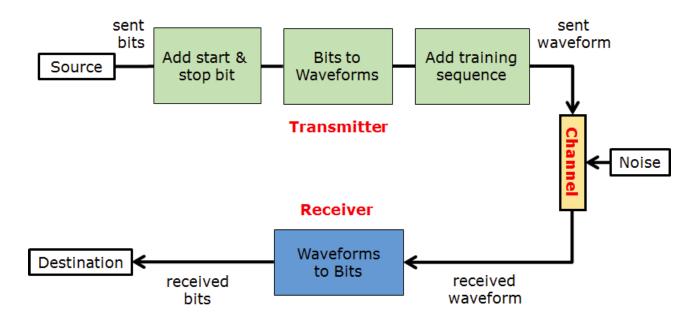
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LAB 3 - OVERALL OBJECTIVES

The objective of this lab is to understand the use of protocols in a communication systems.



There are three tasks in this Lab.

In task 1, you will encapsulate a given bit sequence into a frame.

In task 2, you will use the training sequence to characterize a communication channel. You will inspect the received output to estimate a threshold to use for bit detection.

In task 3, you will write a program to determine the threshold value and recover the bit sequence from the received waveform.

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