

Software-Defined Radio: A Hands-On Course

Image Transmission With Error Correction

Last revised: Sept. 28, 2016

GOAL

The goal of this lab is to extend last week's assignment in two ways:

1. by sending a real picture;
2. by making the communication more robust by means of convolutional coding and Viterbi decoding.

Once again, the channel will be the bandlimited AWGN channel.

We assume that you know all is needed about convolutional coding and Viterbi decoding.