



Comunicazioni

LAB #3.1

Using Matlab implement a digital transmission system capable of sending a data file from one device (personal computer, smartphone, tablet, etc.) to a PC using an audio signal carried by a standard audio cable.

It is not required that data transmission will run in real-time: off-line post-processing is acceptable.

Select at least one data file type (audio, image, text, etc.) and make your software capable of running on any file of this type.

In the report, you must clearly describe all steps and decisions taken, motivating them.

Test which is the maximum data rate achievable with a given hardware setup: the system must run error free.