

This webpage/folder contains programs supporting the book:

Tomasz P. ZIELINSKI

**"STARTING DIGITAL SIGNAL PROCESSING IN TELECOMMUNICATIONS ENGINEERING.
A LABORATORY_BASED COURSE"**

Springer International Publishing, October 2020

WARNING!

The programs are demo only and usage non-restricted, however at ... THE SOLE RESPONSIBILITY OF THE USER.

CONTENTS:

- 1) Lab01_XXX.zip ... to Lab24_YYY.zip - 24 ZIP files including all programs and data for 24 laboratories
- 2) Programs_ALL_without_data.zip - all programs only
- 3) data.zip - all data only (excluding IQ)
- 4) dataIQ.zip - all telecommunication IQ data only

A. IMPORTANT - IF ANY INPUT DATA ARE MISSING!

```
#####  
Download and unpack:  
- data.zip (all data except IQ = smaller files)  
- dataIQ.zip (IQ only = significantly bigger files)  
Copy missing data to the laboratory folders OR add pathes to extracted sub-folders:  
addpath('c:\user\book\data', 'c:\user\book\dataIQ' ); % Matlab in Windows  
addpath('/home/user/book/data', '/home/user/book/dataIQ' ); % Matlab in Linux  
#####
```

B. IMPORTANT - IF ANY MATLAB FUNCTIONS ARE MISSING

```
#####  
OCTAVE:  
In Octave 5.2 load necessary packages: >>pkg load signal communications control image [ENTER]  
MATLAB AND OCTAVE:  
Download and unpack auxiliary.zip.  
Add path to the folder with a few auxiliary Matlab functions: >>addpath('c:\user\book\auxiliary');  
#####
```

FINAL STATEMENTS:

- 1) Please, cite the book if you apply the given software in education or research.
- 2) I will be very grateful for information about the errors found.

Tomasz Zielinski
tzielin@agh.edu.pl
Department of Telecommunications
AGH University of Science and Technology
Krakow, Poland

Krakow, August 1st 2020