## NIE-AIB — Homework 1-4.10.2023

## Instructions.

Complete the exercises and write your solutions on the papers. Comment your solutions sufficiently. A result alone without the solution is insufficient. Submit your solutions to the MS Teams assignment "NIE-AIB, Homework 1" no later than October 17.

## 1 Exercise.

Let us consider a sequence of length n=180, for instance

- 1. Apply Frequency test.
- 2. Apply Serial test.
- 3. Apply Runs test.
- 4. Apply Autocorrelation test, using d = 8.