Digital Signal Processing and System Theory

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Communications Lab: Project 1 - Test Introduction to MATLAB - Test A

There are 10 questions on 3 pages. If you miss one or more pages ask your supervisor for the missing pages.

Each correctly answered question gives 1 point. Some of the question might have multiple correct answers! Each wrong answer results in -0.5 points. Negative points of one question don't add up with points of other questions.

You need 5 out of the 10 points to pass the test.

This is an individual test so you must work by yourself only. You've got 15 minutes.

- 1. Which of the examples for generating a vector in MATLAB is/are correct?
 - (a) x = (1 2 3 4)
 (b) x = {1 2 3 4}
 (c) x = [1 2 3 4]
 (d) x = 1 2 3 4
- 2. Given a MATLAB vector **x**. Which of the following MATLAB-instructions will transpose it?
 - (a) x[^]
 - (b) x'
 - (c) **x**~
 - (d) xT
- 3. Which character is used in MATLAB for a scalar product?
 - (a) .*
 - (b) . (just a dot)
 - (c) °
 - (d) *