Project Digital Signal Processing — Check List

Convolution in time domain

- Works   yes ☐   no ☐   partly ☐

- Implemented in file:

- Tested in file:

Low pass filter in time domain

- Works   yes ☐   no ☐   partly ☐

- Implemented in file:

- Tested in file:

DFT by matrix multiplication

- Works   yes ☐   no ☐   partly ☐

- Implemented in file:

- Tested in file:

FFT recursively

- Works   yes ☐   no ☐   partly ☐

- Implemented in file:

- Tested in file:

FFT iteratively

- Works   yes ☐   no ☐   partly ☐

- Implemented in file:

- Tested in file:

Fast convolution with FFT

- Works   yes ☐   no ☐   partly ☐

- Implemented in file:

- Tested in file:

Modulation and demodulation

- Works   yes ☐   no ☐   partly ☐

- Implemented in file:

- Tested in file:

Overall system

- Works   yes ☐   no ☐   partly ☐

- Implemented in file:

- Tested in file:

Change of sampling frequency

- Works   yes ☐   no ☐   partly ☐

- Implemented in file:

- Tested in file:

Advanced methods like quadrature or single side band modulation

- Works   yes ☐   no ☐   partly ☐

- Implemented in file:

- Tested in file:

We confirm that we completed the project independently. We have developed and implemented the programs on our own and did not copy any parts.

Name	Matnr.	Signature

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