

This assignment is based on Assignment 00 and 05 from DSP-1. Use these programs to apply an SOS filter on a read signal.

1 Task

Write a C program `filtsos` which reads raw sample data block-wise from a stereo WAV file and applies an exported SOS filter structure.

The IIR coefficients should be included as a header file within `filtsos.c`:

```
1 #include "fdacoefs.h"
```

2 Dependency `fdacoefs.h`

This file includes

- `b_len, a_len;`
- `MWSPT_NSEC`
- `float[] [] b, a;`

Use the `fdacoefs.h` file, that is provided within the eLearning course.

3 Deadline and Submission

The deadline is set two weeks after the lab unit. The exact date is communicated using the Moodle LMS system.

Only upload your C source file, named `filtsos.c`.