Practice mid-year assessment 2024. Spring

This assessment includes 5 tasks:

1. Make your EMG data filtered, try at least 2 accurate filtering technique and compare them.
2. Convert your marker coordinates to angles trhough your motion (cut your record and chose the best or make average from the 3 try) and plotting it.
3. Make an iterative prediction to your motion with the real start and end position of your arm and plotting it.
4. Make a jerk optimized prediction to your motion with the real start and end position of your arm and plotting it.
5. Do a comparison from the real and the two predicted motions.

Formal requirements:

- Send your work in pdf with your name and course name exp.: *FodorAmelita_neuromoroph_2024.pdf* to **fodor.amelita@itk.ppke.hu**
- Each task must be in one page
- Attach your MATLAB script with comments, it has to be understandable
- **DEADLINE: 2024.05.06.**