

PlayGround

You must know the sync between the analog and motion capture data, and you can use the [Shift_Frames](#) command to synchronize the analog data to the motion capture data.

Further Information

Processing Tools: High level descriptions of Visual3D features for general processing of EMG data, with links to detailed examples.

Feature Extraction: Visual3D pipeline commands for extracting statistical features in EMG applications (in development).

Detecting Muscle Onset: Examples of using Visual3D pipeline commands to detect the onset of muscle activation, with examples.

Tutorial: EMG Processing Workflow: Basic start to finish tutorial.

References

1. [Electromyography](#)
2. [ISEK EMG Reporting Standards](#)
3. [Surface Electromyography For Non-Invasive Assessment of Muscles](#)
4. [Robertson G, Caldwell G, Hamill J, Kamen G, Whittlesey S. Research Methods in Biomechanics 2nd Edition](#)
5. [Surface Electromyography Signal Processing and Classification Techniques](#)
6. [Noraxon Higher Education](#)

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Last update: **2024/06/13 18:27**

