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mv\_20.mat

5 column data matrix, 360000 samples, 6 minutes of data at 1000 samples/sec

Columns

1. EEG 1 (2 cm from midline)
2. EEG 2 (4 cm from midline)
3. EMG 1 (EDC muscle, wrist extensor)
4. EMG 2 (FCR muscle, wrist flexor)
5. Acceleration signal

Task has 4 phases during movement

1. movement - wrist extension. Start: st0, Duration: dur0
2. Position hold - wrist extended. Start: st1, Duration: dur1
3. movement - wrist flexion. Start: st2, Duration: dur2
4. Position hold - wrist flexed. Start: st3, Duration: dur3

MATLAB variable st? and dur? in samples - can be used to access columns in matrix dat

Figure of first two minutes of data: mv\_2003.pdf

Data collected and displayed using commercial software: Spike2

<http://ced.co.uk/products/spike2>

Technical paper describing experiment and summarising results: nl241(1)5.pdf

<http://www.sciencedirect.com/science/article/pii/S0304394097009646>