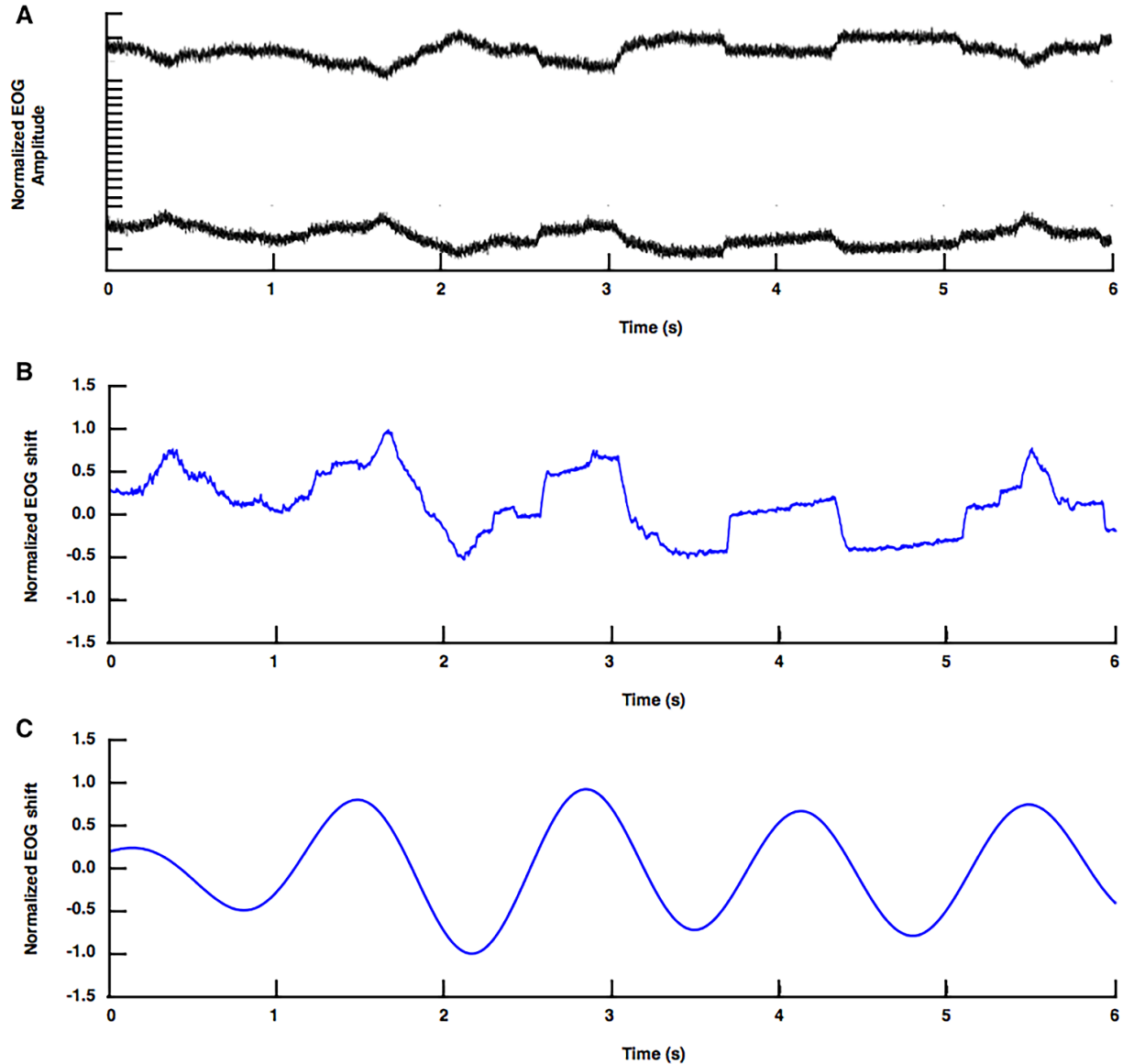


## Supplementary Figure

### Development of an electrooculogram-based human-computer interface using involuntary eye movement by spatially rotating sound for communication of locked-in patients

by Do Yeon Kim, Chang-Hee Han & Chang-Hwan Im



**Supplementary Figure S1.** An example of recorded EOG and its preprocessed signal during a task in Exp2. (a) Two recorded, unprocessed EOG signals: left EOG (bottom) and right EOG (top). (b) Normalized horizontal EOG shift obtained by subtracting right EOG from left EOG. (c) Normalized horizontal EOG shift after applying a fourth-order Butterworth zero-phase bandpass filter (0.2-0.4 Hz).