

## Task 2

### Elimination of eye artifacts using the Independent Component Analysis (ICA) procedure

#### 1 Instructions

For the assignment, you must also write a report of at least one A4 page in .pdf format. The report should follow the standard form of the expert report in the IMRD (Introduction, Methods, Results, Discussion) form.

When you have completed the task, submit one .zip file containing:

- program code,
- report in .pdf file.

#### 2 Description of seminar task

For a selected subject from the EEGMMI DS database implement removal of eye artifacts using the Independent Component Analysis (ICA) procedure. As part of the task, also realize a graphic presentation of the original signals and graphic representation of the corrected signals.