

Neuroengineering 2022-2023
September 12th 2023

Part II

How to submit your answers.

Most answers can be typed in the Exam.net editor.

Write the answers in the same sequence as the questions (A1, A2, ...) and write the same headers as the test on a separate line just above your answer, e.g.:

```
Problem  
A1  
<your answer to question A1 goes here>  
A2  
<your answer to question A2 goes here>  
...
```

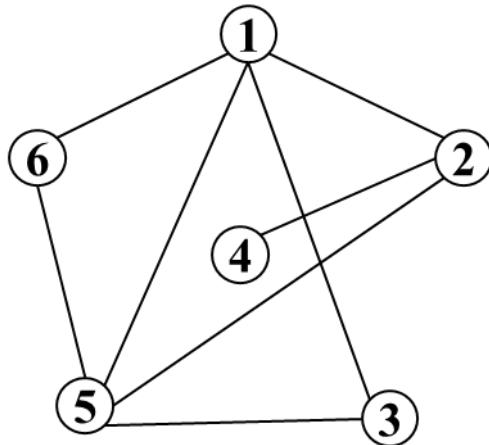
Textual answers must be typed in the editor. When graphical elements are required in the answer, the latter can be written on paper.

Keep your answers tidy. Messy, hard-to-read answers may penalize your mark.

The maximum total score for part II is **7**.

Questions:

A1. Compute the **Local Efficiency** for the functional connectivity network reported in the following figure **(4 points)** (*write your answer on paper*):



A2. Indicate which **connectivity estimator** (among those studied in the course) was used to obtain the network shown in the previous figure. **Justify your choice.** Indicate **the pros and cons** of this estimator. **(3 points)** (*write your answer in the exam.net's editor*)

(End of the test)