## 2023/24

# Computational Intelligence

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# Submit your repos!

 https://docs.google.com/spreadsheets/d/1ojzatmkNDZnjrYL-6u2wXQqvJaBA9dhzJ2KQFca6oVE/edit?usp=sharing

- Write your names and your github repo
  - Git or html links are both fine

### First...

• <a href="https://github.com/squillero/computational-intelligence.git">https://github.com/squillero/computational-intelligence.git</a>

Pull request = "I follow the course"

• The more you follow the course...

... the shorter the oral exam (you are so many! Wow!)

# Set covering

Minimize the number of sets

- You saw
  - Depth first
  - Breadth first
  - Best first (greedy)

Now it's time for A star to rise

# **Set covering**

- A\*
  - Heuristic H drives the algorithm
    - Admissible
    - Monotonic

- Build a new H
  - Consider the old H (distance)
  - What about "special sets"?
  - What about the order of the sets?

### Deadline

Thursday, 26/10/2023 h23:59 AOE

(dd/mm/yyyy)

