

Assignment 2

20 marks

- **Deadline: 8 November 2022**
- Conjugate gradient method
- General function
- restart policy
- Analyze performance on convex functions, especially the quadratic kind where $Q : n \times n$, is symmetric and $Q \succ 0$:

$$\min_{x \in \mathbb{R}^n} \frac{1}{2} x^T Q x - b^T x$$

$$b \in \mathbb{R}^n$$

- Upload on moodle