

*La date limite du rendu est le 12 avril.*

In groups of 1 or 2, submit a report of your work. Specific instructions that must be followed are given below, but you can go further and provide any relevant information. There are no specific instructions on (i) page limit, (ii) writing software (L<sup>A</sup>T<sub>E</sub>X, Word, ...) and (iii) writing language.

1. Summarize your work.
  - (a) Detail which algorithms you have implemented
  - (b) Briefly discuss the characteristics of each of the algorithms you implemented, linking the discussion to the code.
  - (c) Does your algorithm converge towards an optimal solution in the end?
2. Analyze results.
  - (a) In coherence with 1.3; provide experimental evidence for convergence, divergence or any behavior you have observed.
    - We typically expect figures (*e.g.* plots, policy/value function visualisation, ...)
  - (b) Present how your algorithm behaves with respect to (i) its hyperparameter and (ii) the difficulty of the problem.
  - (c) If you have implemented at least two algorithms, compare their behavior.