



## MASTER 2 MICAS

### Machine Learning Communications and Security

Course : MICAS931 - Introduction to Optimization.

School : Institut Polytechnique de Paris

Teacher : HADI GHAUCH

**Subject :** Homework 2 - Submit before 22/11/2020

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## **SOMMAIRE :**

Part I : Closed-form solutions vs iterative algorithms

Part II : Deterministic vs Stochastic algorithms

Part II : Matrix Factorization for Recommendation System

## Part I : Closed-form solutions vs iterative algorithms

Question 1 :

Answer :