

## **Problem Set 9, May 17, 2024** **(Frank-Wolfe)**

### **Convergence of Frank-Wolfe**

Solve Exercises 63 and 64 from the lecture notes.

### **Applications of Frank-Wolfe**

Solve Exercise 66 from the lecture notes.

### **Practical Implementation**

Follow the Python notebook provided here:

[github.com/epfml/OptML\\_course/tree/master/labs/ex09/template/ex09-MatrixCompletion.ipynb](https://github.com/epfml/OptML_course/tree/master/labs/ex09/template/ex09-MatrixCompletion.ipynb)