Fista :

ill-conditioned : a small change in the input results in a surprisingly large change in the computed solution.

non-smooth function $\rho \notin C^\infty(\mathbb{R}^n)$

i.e $\exists m$, $\rho \in C^m(\mathbb{R}^n)$, $\rho \notin C^{m+1}(\mathbb{R}^n)$

Spectral norm of a matrix : $\|A\|_2 = \sqrt{\lambda_{max}(A^+ A)}$ $^+$: conjugué transposé

$= \sigma_{max}(A)$

Vendredi 10, 11 h

Vendredi 17, 11 h => Rapport

Lundi 27, 9 h => Présentation

Mardi 28, 9 h

$H = \sum \tilde{H}$ ~ multipas

↳ diag

α inverse des distances des utilisateurs $\alpha \frac{1}{d^2}$

$M \leq 100$

$K < 10$

$\gamma = \frac{M}{K} > 10$

↳ performances max atteintes avec quantification

IEEE conf

ZF => ZF_quant

Bens => Saxena

$SNR_{dB} = 10 \log_{10}(SNR)$