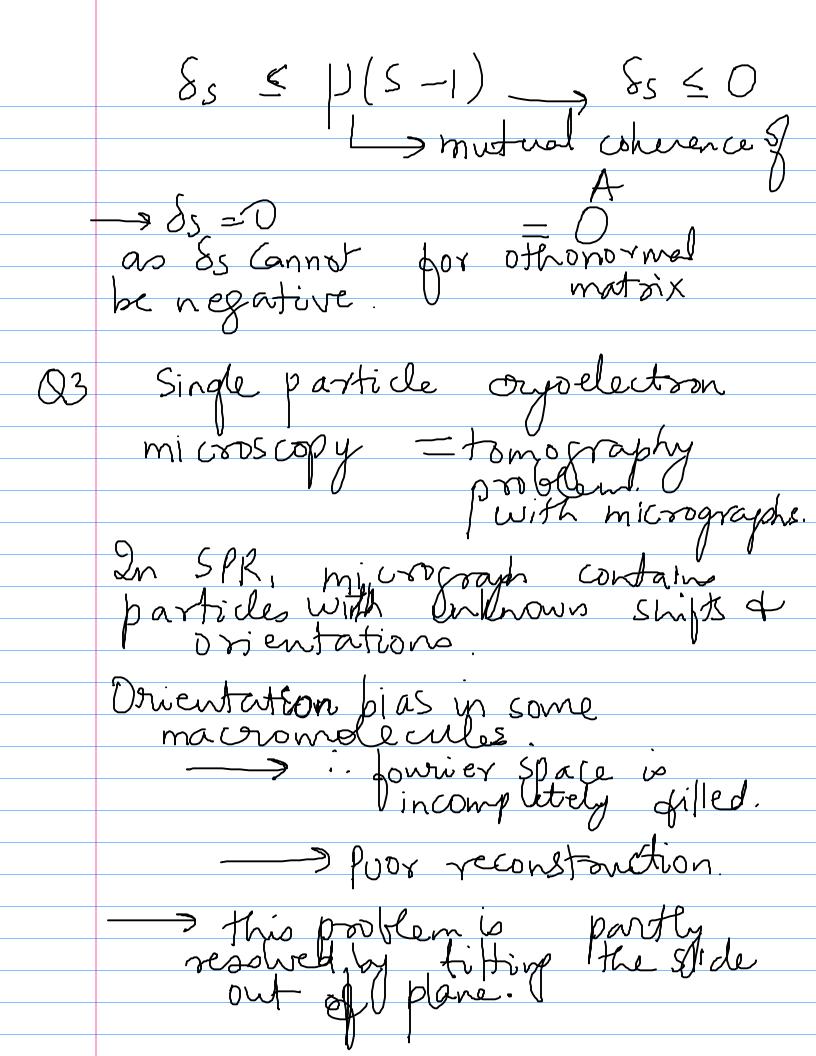
Midsen solutions
- min x 5 - t.
$ y - Ax ^2 \le \varepsilon$ $= Ax + noise.$
= Ax + noise.
$* - \chi / _2 \le C_0 / _2 - \chi_S / _1 + C_1 \varepsilon$
and C, are increasing quictions
and C, are increasing questions S — theorem 3. Levern 6 — Co & C, are increasing from 6.
$fns 0)$ $\frac{1}{3}$.
St case rcc. ervor is guaranteed be lower if os is dower. A is orthonormal,
A is orthonormal,
1/Ax 1/2 = 1/x 1/2
$-85) x ^2 \le Ax ^2 \le (+85) x ^2$
$(1-65) x ^2 \le x ^2 \le (1+65) x ^2$
1-85 \(\lambda \) \(\lambda \



Laplacian eigenmaps.

X1,9 1/2, -: 2 20 are the tomographic projection vectors. Vi, Ki E RN (Nbins) Vi = tan (yii/y2i) Smallestangle > 0

2nd smallest _ > TQ 73rd smalled -> 2T/Q largest — 9 tt (Q-1) Q This assignment is based on order statistics of the uniform distribution.

 $Z_{1}, Z_{2}, \dots Z_{m} \sim f_{Z}(\cdot)$ E min $\{Z_{i}\} = |s| \text{ order Statistic}$ E second sweller = 2nd order Statistic Voriance of each Statistic = (1/22) John distribution of angles to not uniform, but it is I souche other Known distribution, then you use order stats of the other distribution. Why are the shifts of the particle picking hm.

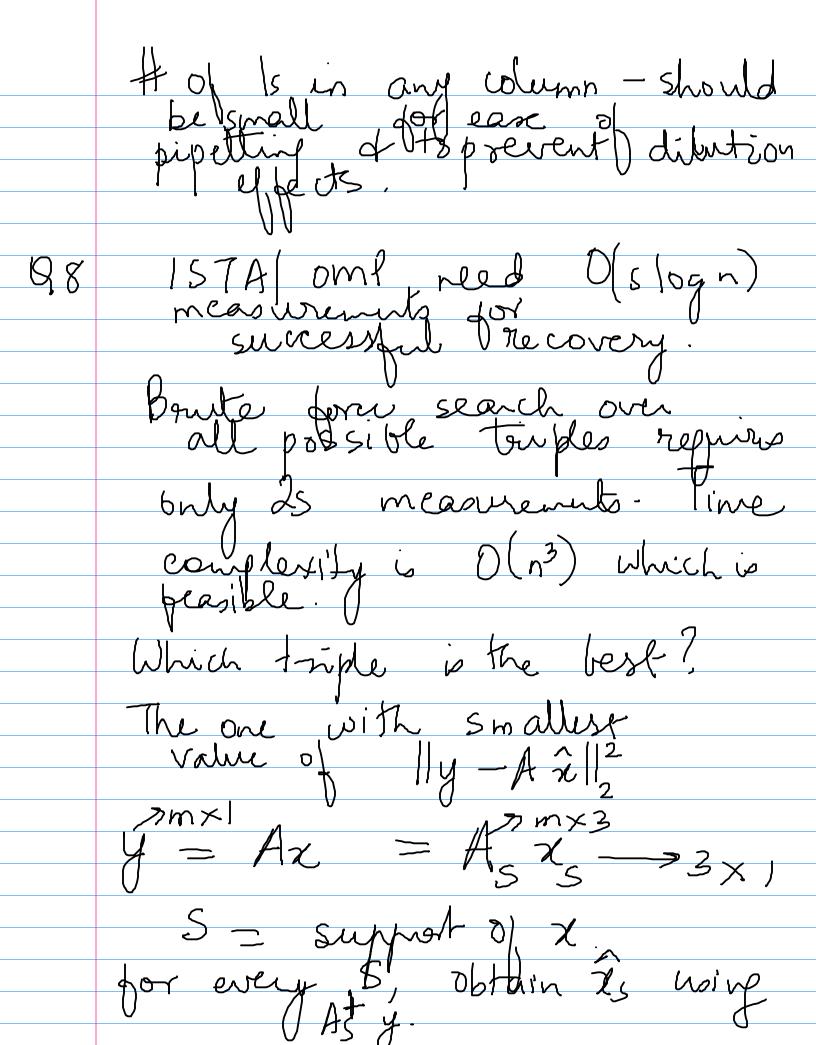
d of bounding box hift = ce rel centac g a ational ambiguity! XIST Jes Sensov does not لسف (Comero Change Imag tocul exists

04 P/ min ||x||1 s.t. ||y - Ax||2 < e If it is a unique minimizer of also a unique minimizer of Q_1 for some te, then it is I some to some the minimizer of Q_1 for some t. $Proof: det t = ||x||_1.$ Consider $z + x + s - t - ||z||_1 \le t$ Then $\|y - Az\|_2 > \|y - A - x\|_2$ otherwise the solution of Pi
would not be unique. By definition of Q12 2 must be the unique minimizer of Q1.

CASSI matrix where each Ci has Na Ny X Na Ny (image Size) Each Cr is diagonal of hon-repative. the dipends of each of the Cistore Shifts of each other - due The binary pattern on they to diagonals of each Ci is due to the aperture code. matrix Sporse of binary Dease of pipething

Aij = 1 in sample

Continuous of its pool and of the pool



Choose S with last

Value of $||y - A_5 \hat{x}_5||$ Note ||S|| = 3.

2n order to get accurate routs

with brute force search,

you need m > 6.