



**LR Avia Linear Measurements**

- Recover a low rank approximation for  $A$ :



• How many linear measurements do we need?

A

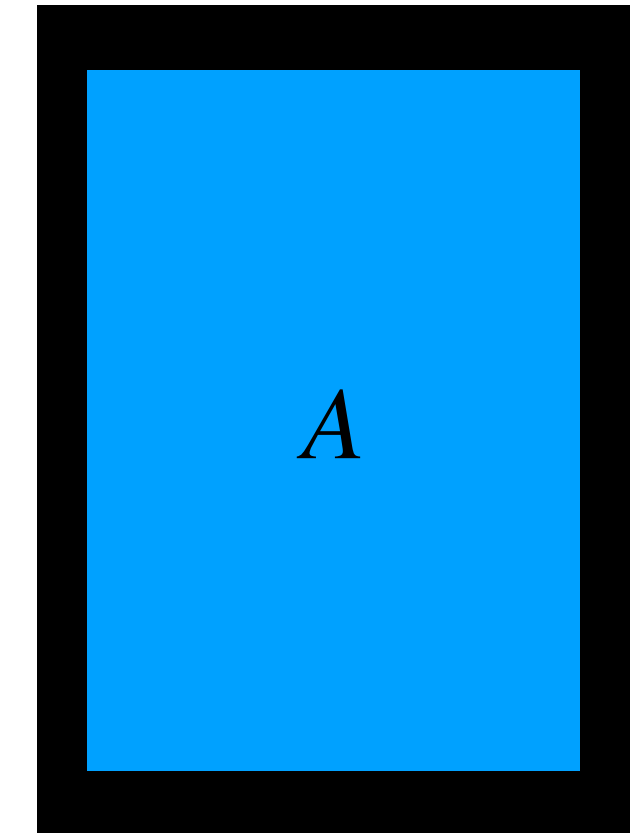
$$\|A-B\|_2 \leq 2\sigma_{k+1}(A)$$

# LRA via Linear Measurements

- Recover a low rank approximation for  $A$ :

$$\|A - B\|_2 < 2\sigma_{k+1}(A)$$

- How many linear measurements do we need?





# LRA via Linear Measurements

Measure

$A$

with