DISOD, 12PM * Things not written during dis in red

Concepts from lecture that will come up

- 1) Systems of linear equations
- 2 Vectors and vector operations
- 3) Matrix and mothrix operations

Skills/Things to take away

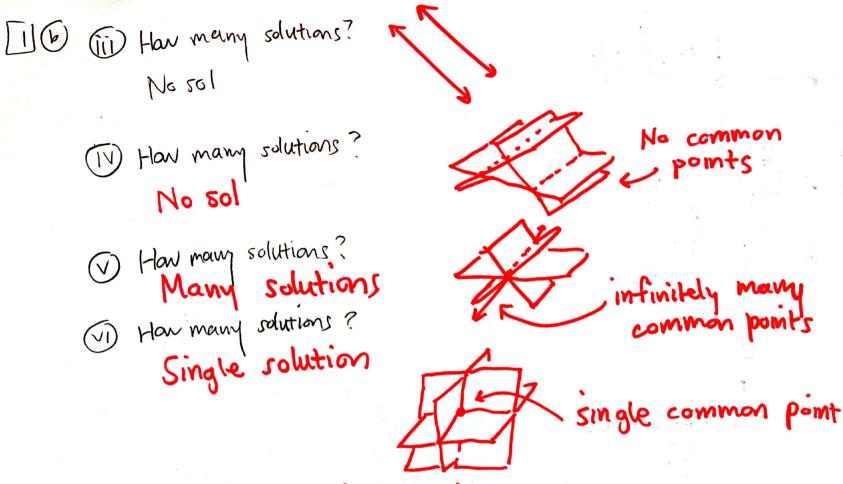
- 1) Geometric meaning of solutions to systems of linear equations
- 2) Matrix Matrix multiplication: when are products defined?
- 3) Matrix-Matrix multiplication: computing using voir picture
- A Matrix Matrix multiplication: computing using column picture

Definitions

(Linear combination (of some objects): a sum of the dijects, where each has been multiplied by a number , matrices variables/numbers vectors

27, +1/2+1/3 3a-2blinear combination linear combination of V1, V2, V3 of a, b

3A+5B+20I linear combination of A, B, I



Equation: lines, planes

Solution: intersections of lines, planes

