Astrainis Thura

- · HW4 out (due 2/12)
- · Midterm 1 tomorrow (79)
 - closed-book exam. everything about regular languages.
 - will be proted online at 12 am/ today midnight
 - submit before common midnight / 11:59 pm
 - schedule 15-mh val exam v/ me.
- · CS3/ spring 21 looking for TAs!





· Verifing answers is easier than computing one...?

P: problems that can be solved efficiently.

tormally. P = WITIME[nt] 2 = WATIME[N3. nondéterministie TM.

Open Question. P = NP?

- · It's vidiculous that it is open.
 · encepsulate due then of "executivity"

· Why nondéterminism = verification?

Det. Verifier V of language L is a Turing machine algorithm, sit. $L = \{ w \in \Sigma^* : V \text{ accepts } \langle w, prof \rangle \}$ for some $Proof \in \Sigma^* \}$

Propo Laccepted by NTM in pay the It has verifier.

(stetch) ">": Simulating MTM, make decision based on symbols in proof.

· space complexity.
• EXP. Que unit 5 du next question?

· why polynomial as let? · is NP n zoNP = P?