

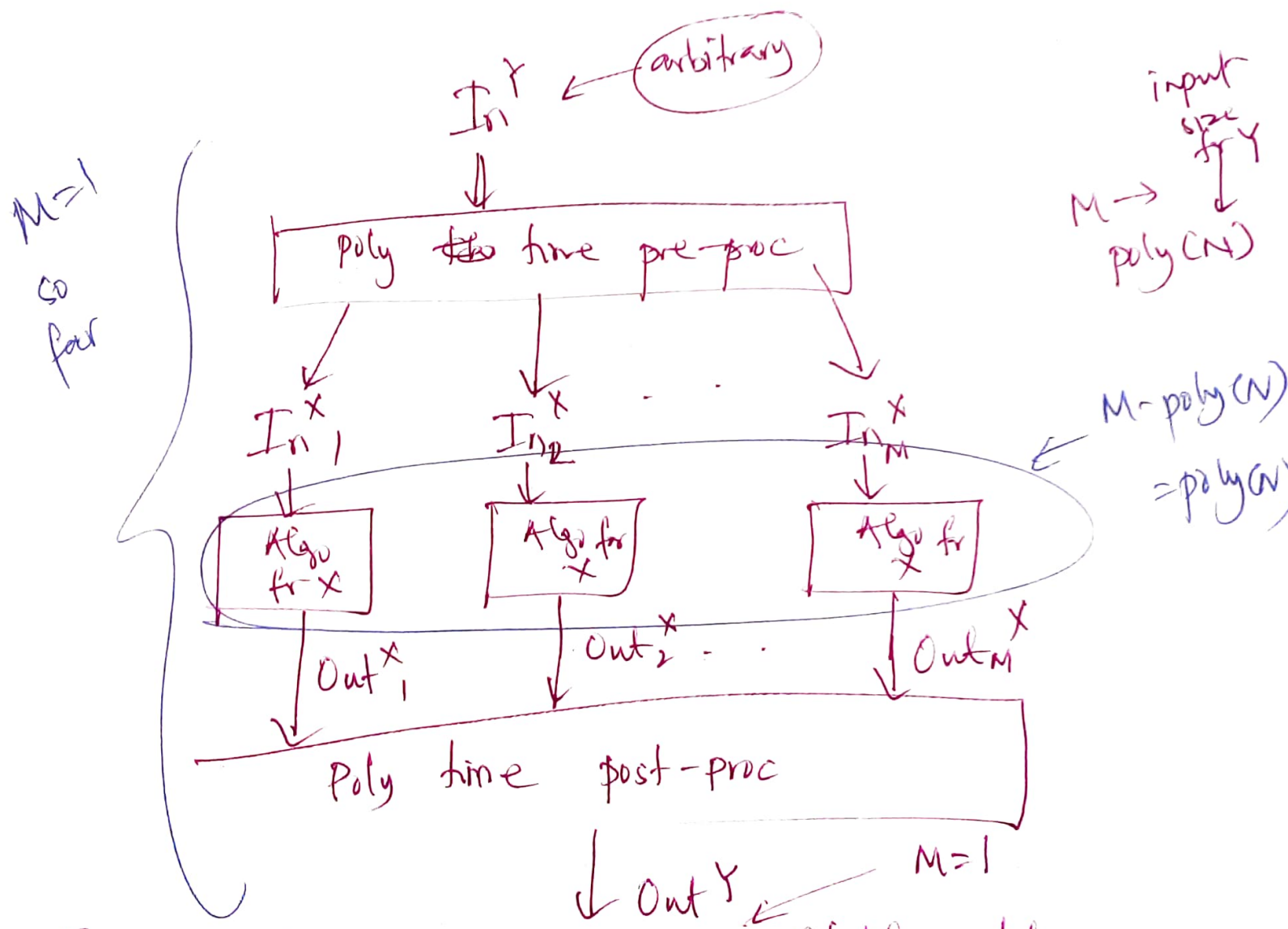
Nov 22

$$Y \leq_p X$$

→ Y is poly time reducible to X

≡ ∃ poly time redx from Y to X

Solve:  $In^Y \dashrightarrow Out^Y$



Ex! HW 2 Q2  $\leq_p$  Stable matching

Going forward: ONLY consider problems with Boolean Output.