

Lecture 35

CSE 331

Apr 28, 2021

$$Y \in P X$$

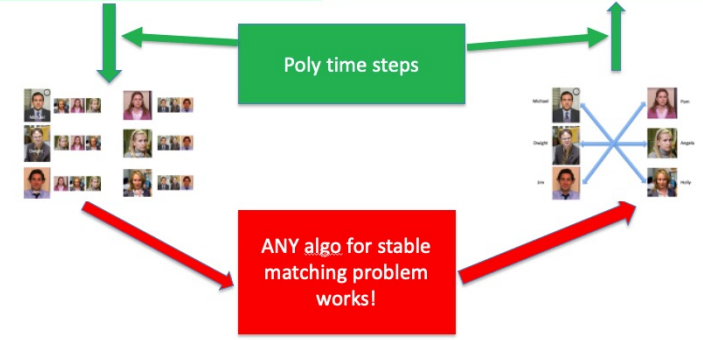
Question 2 (Crimson Hawks are in town)

$\in P$



Attends	Slot 1	Slot 2	Slot 3	Slot 4
A ₁	C ₁	Free	C ₂	Free
A ₂	Free	C ₁	Free	C ₂

Attends	Slot 1	Slot 2	Slot 3	Slot 4
A ₁	C ₁	Free	C ₂ (brunette head)	
A ₂	Free	C ₁ (brunette head)		



Arbitrary Y instance

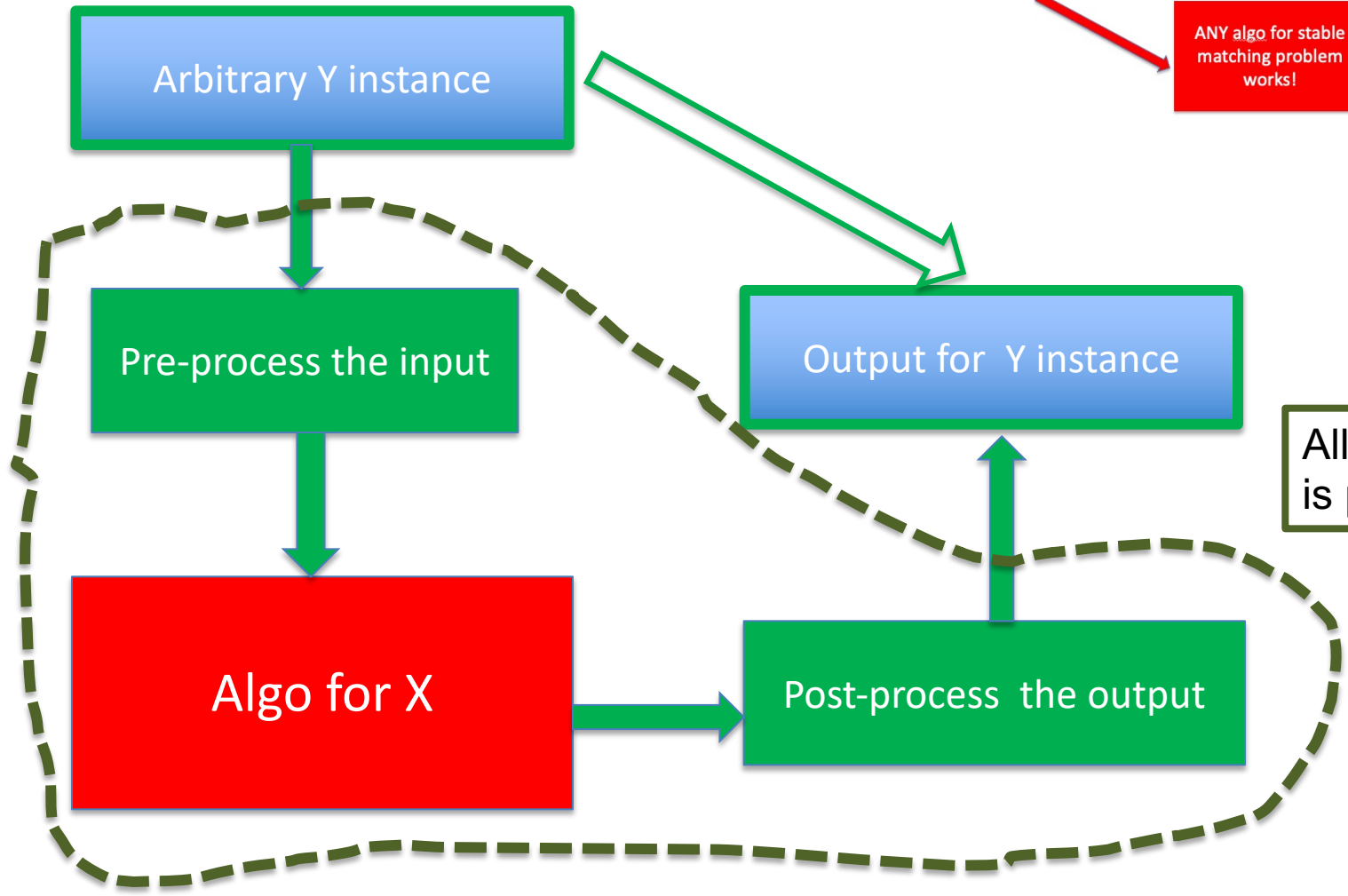
Pre-process the input

Algo for X

Output for Y instance

Post-process the output

All processing is poly-time



Implications of $Y \leq_p X$

