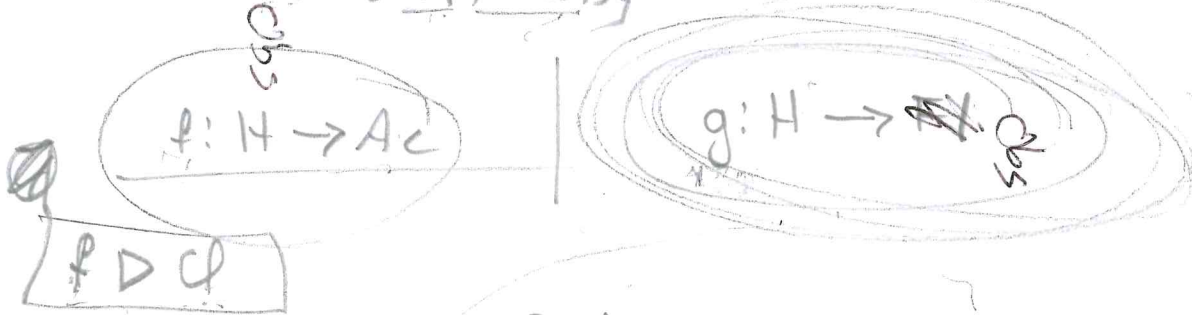


LTL

$A_c = \{ \text{chap}, \text{idle} \}$

1 min

$\Sigma = \{ \text{up}, \text{down} \}$



up 1

$$\phi = \Box \bigvee_{a \in A_c} [a \wedge \bigwedge_{b \neq a, b \in A_c} \neg b]$$

projection of observations

$$\Box (\text{up} \rightarrow \text{FI})$$

$$\Box (\bigwedge_{f \in F} \text{idle} \rightarrow \odot f)$$

$$\Box (\text{down} \wedge \text{chap} \rightarrow \odot \text{down})$$

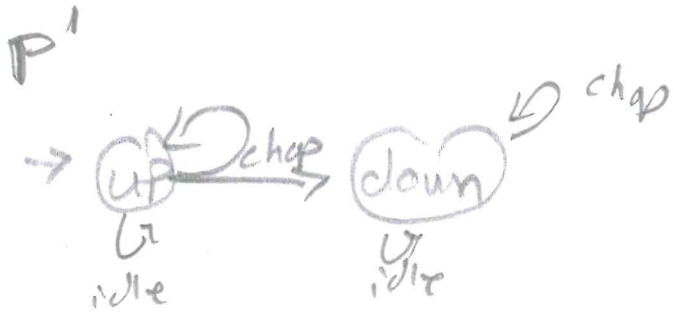
$$\Box (\text{up} \wedge \text{chap} \rightarrow \odot (\text{up} \vee \text{down}))$$

$$\Box \Diamond \text{chap} \rightarrow \Diamond \text{down}$$

$g_i = \text{"freight } i"$

imp

steel tree X



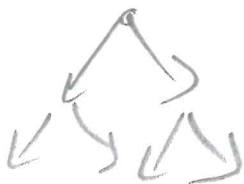
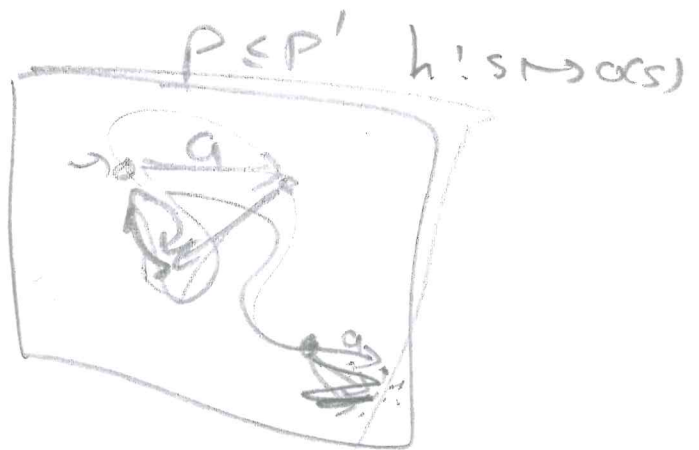
P'

" $\text{chap} \rightarrow \text{down}$ "

$g: H \rightarrow F1$

$P_g \leq P'$

$h: s \mapsto \text{OCS}$



2

2

