$$V_{x}V_{y}V_{z}((P_{x}, P_{y}) \land P_{z}) \rightarrow ((X=y_{1} \lor y_{1} \lor z_{2}) \lor x_{2}))$$

$$B)$$

$$D_{x} = \{1, z\}$$

$$|Q^{2}|_{x} = \{(y, z), (z, z)\}$$

$$|u|_{x} = z$$

$$|u|_{x} = z$$

$$|P^{2}|_{y} = \{y\}$$

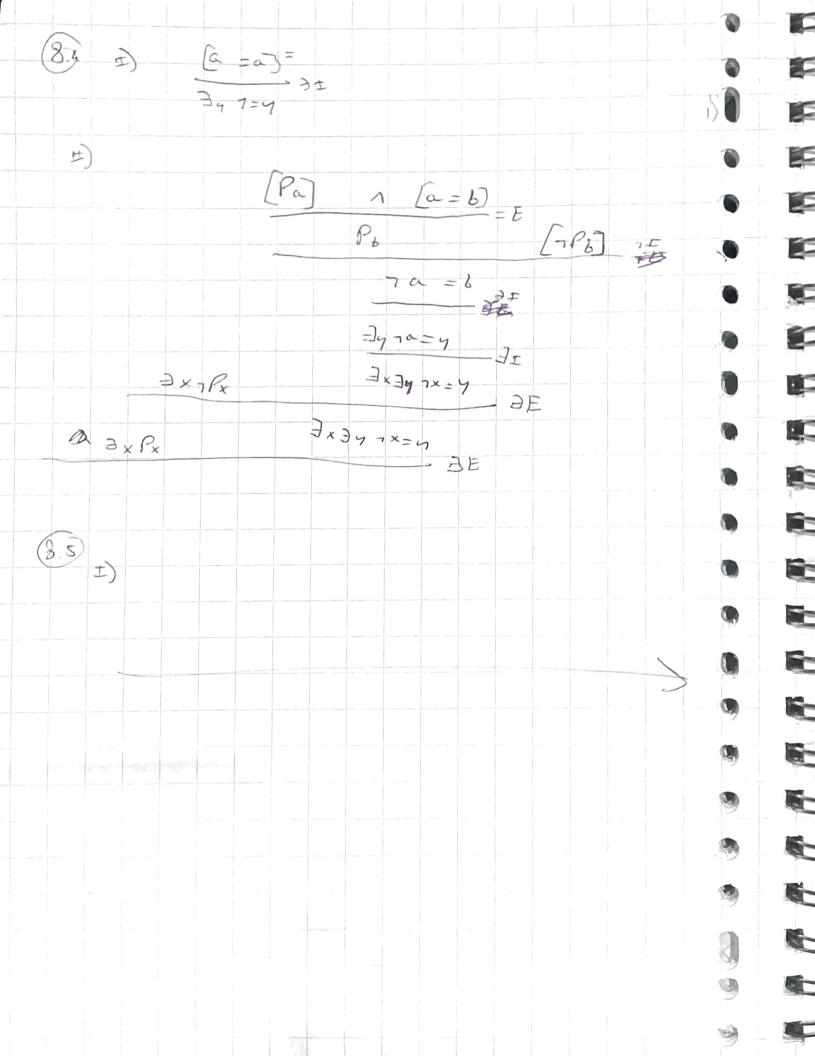
$$(X=a)^{2} P_{x}$$

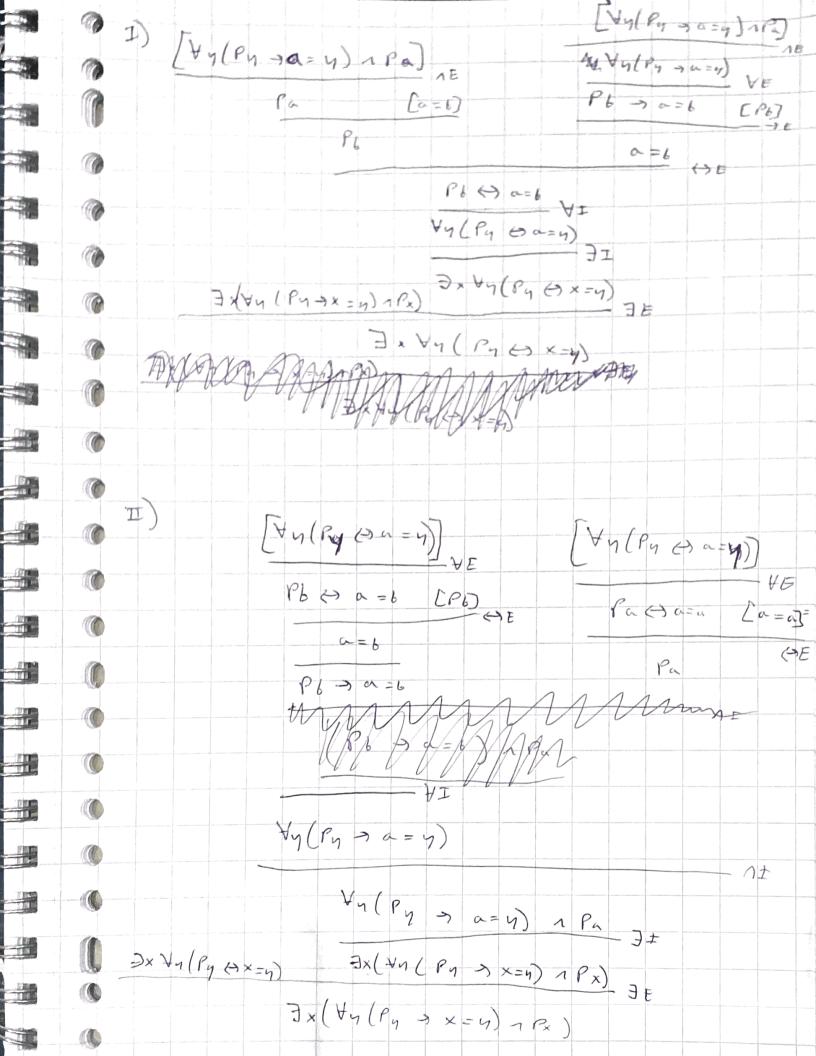
$$(X=a \land P_{x})$$

$$\exists x (x=a \land P_{x})$$

S

1





]x3y(Q,x,Q,y,7x=y,1 \2(Q,z)(x=z v y=2))) # 3x(Qx1Px1 \y((Qy1P4) -> x=y) 1 \ \z(Q12 -> Rx2)) 业) Ex(Onx 1 Hy(Oy > Rxy) 1 Hz((Q72 1 Hy(Oy > Rzy)) x=2) 1 Px IN VXVy V2 ((Qx 1 Qy 1 Qz) > (X=y v x = z v y = 2))

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