

$\sim (B * \sim C)$

$\sim B \vee \sim \sim C$

$(\sim C * D) \vee (\sim C * F)$

$\sim C \rightarrow \sim B$

$\sim C * (D \vee F)$

$\sim C$

$\sim B$

$\sim M \rightarrow N$

$\sim M \rightarrow P$

$\sim M \rightarrow N * \sim M \rightarrow P$

$\sim (N * P)$

$\sim N \vee \sim P$ (DM)

$\sim \sim M$

M

$(\forall x) (Dx) \rightarrow (Fx \rightarrow Hx)$

$(\forall x) (Dx * Hx) \rightarrow Ax$

$(\exists x) (Cx$

F

F

T

F

$$\alpha_1^* |H\rangle + \alpha_2^* |C\rangle + \alpha_3^* |S\rangle$$

$\alpha_1^2, \alpha_2^2, \alpha_3^2$: Probabilities

These can be complex