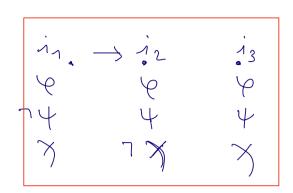
line 564, file ODL cube. Hy.
This is the model shown by hitpirk. We have $P(\psi/\psi \psi)$, $P(\psi/\psi \psi)$ and $P(\psi/\psi \psi)$

 $1_1 \Rightarrow 1_2$ Means $1_1 \ge 1_2$ ($\Gamma i_7 i_2$)

No arrow means $\stackrel{\downarrow}{\Rightarrow}$



Ventication:

$$max(||\psi\psi||) = \{i_1, i_3\} \cap ||\psi|| = \{i_1, i_3\}$$

 $\Rightarrow P(\psi/\psi\psi) \text{ holdo}$
 $max(||\psi\psi\chi||) = \{i_1, i_3\} \cap ||\psi|| = \{i_3\}$

$$\max(\|\varphi \vee \chi\|) = \{i_1, i_3\} \cap \{i_1\}$$

$$(\varphi | \varphi | \varphi \vee \chi)$$

However, the law does not hold in general, if I charge the value of 4, 4 and 7.

 $P(\varphi_{\Lambda}+\Lambda^{\gamma})/(\varphi_{\Lambda}+\Lambda^{\gamma})\vee(\varphi_{\Lambda}+\Lambda^{\gamma})) \text{ is true}$ $P((\varphi_{\Lambda}+\Lambda^{\gamma})\vee(\varphi_{\Lambda}+\Lambda^{\gamma}))\vee(\varphi_{\Lambda}+\Lambda^{\gamma})\vee(\varphi_{\Lambda}+\Lambda^{\gamma})) \text{ is true}$ $P((\varphi_{\Lambda}+\Lambda^{\gamma})\vee(\varphi_{\Lambda}+\Lambda^{\gamma})\vee(\varphi_{\Lambda}+\Lambda^{\gamma})) \text{ is false}$

proof: $\max(i_1,i_3) \cap [i_2] \neq \emptyset$ $\max(i_1,i_2,i_3) \cap [i_2,i_3] \neq \emptyset$ $\max(i_2,i_1) \cap [i_2] \neq \emptyset$