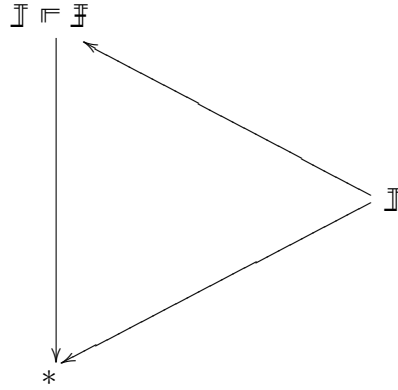


voll B*alg $\mathbb{J} \in \overset{n}{\underset{0}{\mathbb{A}}}\mathbb{K} \Rightarrow \mathbb{J} \vDash \mathbb{F} \in \overset{n}{\underset{0}{\mathbb{A}}}\mathbb{K}$ B*alg

C*alg $\mathbb{J} \in \overset{\omega}{\underset{0}{\mathbb{A}}}\mathbb{K} \Rightarrow \mathbb{J} \vDash \mathbb{F} \in \overset{\omega}{\underset{0}{\mathbb{A}}}\mathbb{K}$ C*alg



$$\text{net } u_F \in \mathbb{F} \bigwedge_{\downarrow} \left\{ \begin{array}{l} u_F \downarrow \rightsquigarrow \downarrow \rightsquigarrow \downarrow u_F \\ \overline{\downarrow - u_F \downarrow} \rightsquigarrow 0 \end{array} \right.$$

$$\bigwedge_{\downarrow} \overline{\mathbb{J} + \mathbb{F}} = \lim \overline{\mathbb{J} - u_F \mathbb{J}}$$

$$\begin{aligned}
 \downarrow \in \mathbb{F} &\Rightarrow \overline{\mathbb{J} - u_F \mathbb{J}} \leq \overline{e - u_F \mathbb{J} + \downarrow + u_F \downarrow - \downarrow} \leq \overline{e - u_F}^{\leq 1} \overline{\mathbb{J} + \downarrow} + \overline{u_F \downarrow - \downarrow}^{\rightsquigarrow 0} \\
 \Rightarrow \overline{\mathbb{J} + \mathbb{F}} &\leq \lim_{\downarrow \in \mathbb{F}} \overline{\mathbb{J} - u_F \mathbb{J}} \leq \lim_{\downarrow \in \mathbb{F}} \overline{\mathbb{J} - u_F \mathbb{J}} \leq \overline{\mathbb{J} + \downarrow} \xRightarrow{\downarrow \in \mathbb{F}} \lim_{\downarrow \in \mathbb{F}} \overline{\mathbb{J} - u_F \mathbb{J}} \leq \overline{\mathbb{J} + \mathbb{F}}
 \end{aligned}$$

$$\overline{\mathbb{J} + \mathbb{F}}^2 \leq \overline{\mathbb{J}^* + \mathbb{F} \mathbb{J} + \mathbb{F}}$$

$$\begin{aligned}
 \overline{\mathbb{J} - \mathbb{J} u_F}^2 &= \overline{\mathbb{J} - \mathbb{J} u_F}^* \overline{\mathbb{J} - \mathbb{J} u_F} = \overline{e - u_F \mathbb{J}^* \mathbb{J} + \downarrow e - u_F - e - u_F \downarrow e - u_F} \\
 &\leq \overline{e - u_F}^{\leq 1} \overline{\mathbb{J}^* \mathbb{J} + \downarrow} + \overline{\downarrow - u_F \downarrow}^{\rightsquigarrow 0} \overline{e - u_F}^{\leq 1} \\
 \Rightarrow \overline{\mathbb{J} + \mathbb{F}}^2 &= \lim_{\downarrow \in \mathbb{F}} \overline{\mathbb{J} - \mathbb{J} u_F}^2 \leq \overline{\mathbb{J}^* \mathbb{J} + \downarrow} \xRightarrow{\downarrow \in \mathbb{F}} \overline{\mathbb{J} + \mathbb{F}}^2 \leq \overline{\mathbb{J}^* \mathbb{J} + \mathbb{F}} = \overline{\mathbb{J} + \mathbb{F}}^* \overline{\mathbb{J} + \mathbb{F}}
 \end{aligned}$$