

$$\begin{array}{c}
\frac{\textit{splijt}}{c_4 \vdash c_4 : \Diamond^{obj1} np \multimap \Diamond^{su} np \multimap smain} Lex \quad \frac{\frac{\textit{Jeruzalem}}{c_5 \vdash c_5 : np} Lex}{\langle c_5 \rangle^{obj1} \vdash \Delta^{obj1} c_5 : \Diamond^{obj1} np} \Diamond I \\
\hline
c_4, \langle c_5 \rangle^{obj1} \vdash c_4 \Delta^{obj1} c_5 : \Diamond^{su} np \multimap smain \multimap E
\end{array}$$

$$\begin{array}{c}
\frac{\textit{hoge}}{c_2 \vdash c_2 : \Diamond^{me} np \multimap \Box^{mod}(np \multimap np)} Lex \quad \frac{\frac{\frac{\frac{\textit{negen}}{c_0 \vdash c_0 : \Box^{mod}(np \multimap np)} Lex}{\langle c_0 \rangle^{mod} \vdash \nabla^{mod} c_0 : np \multimap np} \Box E}{\langle c_0 \rangle^{mod}, c_1 \vdash \nabla^{mod} c_0 c_1 : np} meter Lex}{\langle c_0 \rangle^{mod}, c_1 \vdash \nabla^{mod} c_0 c_1 : np} \multimap E \\
\hline
\frac{\frac{\langle c_0 \rangle^{mod}, c_1 \vdash \nabla^{mod} c_0 c_1 : np}{\langle \langle c_0 \rangle^{mod}, c_1 \rangle^{me} \vdash \Delta^{me} (\nabla^{mod} c_0 c_1) : \Diamond^{me} np} \Diamond I}{\langle \langle c_0 \rangle^{mod}, c_1 \rangle^{me} \vdash c_2 \Delta^{me} (\nabla^{mod} c_0 c_1) : \Box^{mod}(np \multimap np)} \Box E \\
\hline
c_2, \langle \langle c_0 \rangle^{mod}, c_1 \rangle^{me} \vdash c_2 \Delta^{me} (\nabla^{mod} c_0 c_1) : \Box^{mod}(np \multimap np) \multimap E
\end{array}$$

$$\begin{array}{c}
\frac{\frac{\langle c_2, \langle \langle c_0 \rangle^{mod}, c_1 \rangle^{me} \rangle^{mod} \vdash \nabla^{mod}(c_2 \Delta^{me} (\nabla^{mod} c_0 c_1)) : np \multimap np}{\langle c_2, \langle \langle c_0 \rangle^{mod}, c_1 \rangle^{me} \rangle^{mod}, c_3 \vdash \nabla^{mod}(c_2 \Delta^{me} (\nabla^{mod} c_0 c_1)) c_3 : np} \Diamond I}{\langle \langle c_2, \langle \langle c_0 \rangle^{mod}, c_1 \rangle^{me} \rangle^{mod}, c_3 \rangle^{su} \vdash \Delta^{su} (\nabla^{mod}(c_2 \Delta^{me} (\nabla^{mod} c_0 c_1)) c_3) : \Diamond^{su} np} \Diamond I \\
\hline
c_4, \langle c_5 \rangle^{obj1}, \langle \langle c_2, \langle \langle c_0 \rangle^{mod}, c_1 \rangle^{me} \rangle^{mod}, c_3 \rangle^{su} \vdash c_4 \Delta^{obj1} c_5 \Delta^{su} (\nabla^{mod}(c_2 \Delta^{me} (\nabla^{mod} c_0 c_1)) c_3) : smain \multimap E
\end{array}$$

splijt Δ^{obj1} Jeruzalem Δ^{su} (∇^{mod} (hoge Δ^{me} (∇^{mod} negen meter)) muur)