

wat zijn dat voor gerechten ?

$$\begin{array}{c}
\frac{\frac{\frac{voor}{c_3 \vdash c_3 : \Diamond^{obj1}vnw \multimap \Box^{mod}(np \multimap np)}{Lex} \quad \frac{\frac{\frac{Ax}{x_1 \vdash x_1 : \Box^x \Diamond^{obj1}vnw}}{\Box E} \quad \frac{\frac{\langle x_1 \rangle^x \vdash \nabla^x x_1 : \Diamond^{obj1}vnw}{\multimap E}}{\Box E}}{\frac{c_3, \langle x_1 \rangle^x \vdash c_3 \nabla^x x_1 : \Box^{mod}(np \multimap np)}{\Box E}}{\frac{\langle c_3, \langle x_1 \rangle^x \rangle^{mod} \vdash \nabla^{mod}(c_3 \nabla^x x_1) : np \multimap np}{\Box E}} \quad \frac{gerechten}{c_4 \vdash c_4 : np} Lex}{\multimap E} \\
\frac{\frac{\frac{zijn}{c_1 \vdash c_1 : \Diamond^{predc}np \multimap \Diamond^{su}vnw \multimap sv1} Lex}{\frac{c_1, \langle \langle c_3 \rangle^{mod}, c_4 \rangle^{predc}, \langle x_1 \rangle^x \vdash c_1 \Delta^{predc}(\nabla^{mod}(c_3 \nabla^x x_1) c_4) : \Diamond^{su}vnw \multimap sv1}}{\frac{\frac{\frac{\frac{\frac{\langle c_3, \langle \mathbf{x}_1 \rangle^x \rangle^{mod}, c_4 \vdash \nabla^{mod}(c_3 \nabla^x x_1) c_4 : np}{\times} \quad \frac{\langle c_3 \rangle^{mod}, c_4, \langle x_1 \rangle^x \vdash \nabla^{mod}(c_3 \nabla^x x_1) c_4 : np}{\times}}{\frac{\langle \langle c_3 \rangle^{mod}, c_4, \langle \mathbf{x}_1 \rangle^x \rangle^{predc} \vdash \Delta^{predc}(\nabla^{mod}(c_3 \nabla^x x_1) c_4) : \Diamond^{predc}np}{\Diamond I}} \quad \frac{\langle \langle c_3 \rangle^{mod}, c_4 \rangle^{predc}, \langle x_1 \rangle^x \vdash \Delta^{predc}(\nabla^{mod}(c_3 \nabla^x x_1) c_4) : \Diamond^{predc}np}{\times}}{\multimap E} \quad \frac{\frac{dat}{c_2 \vdash c_2 : vnw} Lex}{\langle c_2 \rangle^{su} \vdash \Delta^{su} c_2 : \Diamond^{su}vnw} \Diamond I}{\multimap E} \quad \frac{Ax}{x_0 \vdash x_0 : \Diamond^x \Box^x \Diamond^{obj1}vnw}}{\Diamond E} \\
\frac{\frac{c_1, \langle \langle c_3 \rangle^{mod}, c_4 \rangle^{predc}, \langle \mathbf{x}_1 \rangle^x, \langle c_2 \rangle^{su} \vdash c_1 \Delta^{predc}(\nabla^{mod}(c_3 \nabla^x x_1) c_4) \Delta^{su} c_2 : sv1}}{\frac{c_1, \langle \langle c_3 \rangle^{mod}, c_4 \rangle^{predc}, \mathbf{x}_0, \langle c_2 \rangle^{su} \vdash \text{case } \nabla^x x_0 \text{ of } x_1 \text{ in } (c_1 \Delta^{predc}(\nabla^{mod}(c_3 \nabla^x x_1) c_4) \Delta^{su} c_2) : sv1}}{\multimap I}}{\frac{c_1, \langle \langle c_3 \rangle^{mod}, c_4 \rangle^{predc}, \langle c_2 \rangle^{su} \vdash (\lambda x_0. \text{case } \nabla^x x_0 \text{ of } x_1 \text{ in } (c_1 \Delta^{predc}(\nabla^{mod}(c_3 \nabla^x x_1) c_4) \Delta^{su} c_2)) : \Diamond^x \Box^x \Diamond^{obj1}vnw \multimap sv1}}{\frac{\langle c_1, \langle \langle c_3 \rangle^{mod}, c_4 \rangle^{predc}, \langle c_2 \rangle^{su} \rangle^{whbody} \vdash \Delta^{whbody}(\lambda x_0. \text{case } \nabla^x x_0 \text{ of } x_1 \text{ in } (c_1 \Delta^{predc}(\nabla^{mod}(c_3 \nabla^x x_1) c_4) \Delta^{su} c_2)) : \Diamond^{whbody}(\Diamond^x \Box^x \Diamond^{obj1}vnw \multimap sv1)}{\Diamond I}}{\multimap E} \\
\frac{\frac{wat}{c_0 \vdash c_0 : \Diamond^{whbody}(\Diamond^x \Box^x \Diamond^{obj1}vnw \multimap sv1) \multimap whq} Lex}{c_0, \langle c_1, \langle \langle c_3 \rangle^{mod}, c_4 \rangle^{predc}, \langle c_2 \rangle^{su} \rangle^{whbody} \vdash c_0 \Delta^{whbody}(\lambda x_0. \text{case } \nabla^x x_0 \text{ of } x_1 \text{ in } (c_1 \Delta^{predc}(\nabla^{mod}(c_3 \nabla^x x_1) c_4) \Delta^{su} c_2)) : whq}
\end{array}$$

wat $\Delta^{whbody}(\lambda x_0. \text{case } \nabla^x x_0 \text{ of } x_1 \text{ in } (\text{zijn } \Delta^{predc}(\nabla^{mod}(\text{voor } \nabla^x x_1) \text{ gerechten}) \Delta^{su} \text{dat}))$