

Casi (analoghi agli altri visti a lezione):

• \neg : assumo $\overset{M}{F}_x D[\frac{B}{p}]$ me $\overset{M'}{F}_x D$ (II) e dimostro:
 $\overset{M}{F}_x(\neg D)[\frac{B}{p}]$ me $\overset{M}{F}_x \neg(D[\frac{B}{p}])$ me $\overset{M}{F}_x D[\frac{B}{p}]$ me $\overset{II}{F}_x D$
 me $\overset{II}{F}_x D$ me $\overset{II}{F}_x \neg D$.

• \vee : assumo $\overset{M}{F}_x D[\frac{B}{p}]$ me $\overset{M'}{F}_x D$ (II 1) e $\overset{M}{F}_x E[\frac{B}{p}]$ me $\overset{M'}{F}_x E$ (II 2)
 e dimostro $\overset{M}{F}_x(D \vee E)[\frac{B}{p}]$ me $\overset{M}{F}_x D[\frac{B}{p}] \vee E[\frac{B}{p}]$ me
 me $(\overset{M}{F}_x D[\frac{B}{p}] \text{ oppure } \overset{M}{F}_x E[\frac{B}{p}])$ me $(\overset{M'}{F}_x D \text{ oppure } \overset{M'}{F}_x E)$ me
 me $(\overset{M'}{F}_x D \vee E)$.

• \rightarrow : assumo $\overset{M}{F}_x D[\frac{B}{p}]$ me $\overset{M'}{F}_x D$ (II 1) e $\overset{M}{F}_x E[\frac{B}{p}]$ me $\overset{M'}{F}_x E$ (II 2)
 e dimostro $\overset{M}{F}_x(D \rightarrow E)[\frac{B}{p}]$ me $\overset{M}{F}_x D[\frac{B}{p}] \rightarrow E[\frac{B}{p}]$ me
 me $(\overset{M}{F}_x D[\frac{B}{p}] \rightarrow \overset{M}{F}_x E[\frac{B}{p}])$ me $(\overset{M'}{F}_x D \rightarrow \overset{M'}{F}_x E)$ me $\overset{M'}{F}_x D \rightarrow E$