

$$(q, w) \vdash_{M_I}^* (p, \lambda)$$

↓

$$(q, va) \vdash_{M_I}^* (r_1, a) \vdash_{M_I} (r_2, \lambda) \vdash_{M_I}^* (p, \lambda)$$

$$(q, v) \vdash_{M_I}^* (r_1, \lambda)$$

(H.I.) ↓ $|v| = k$

$$(\Lambda(q), v) \vdash_{M_D}^* (R_1, \lambda)$$

amb $R_1 \subseteq \mathcal{P}(k)$
tal que $r_1 \in R_1$

↓

$$(\Lambda(q), va) \vdash_{M_D}^* (R_1, a)$$

$$r_2 \in \Delta(r_1, a)$$

↓ $\xrightarrow{\text{consturcció de } \delta}$

$$\Lambda(r_2) \subseteq \delta(R_1, a)$$

↓

$$p \in \delta(R_1, a)$$

↓

$$(R_1, a) \vdash_{M_D} (P, \lambda)$$

per algun $P \subseteq \mathcal{P}(k)$
tal que $p \in P$

↓

$$(\Lambda(q), va) \vdash_{M_D}^* (R_1, a) \vdash_{M_D} (P, \lambda)$$