- $([]) \stackrel{\text{def}}{=} \{\} \triangleright []_s : [s]$, *s variable fresca*

- $(U :: V) \stackrel{\text{def}}{=} S\Gamma_1 \cup S\Gamma_2 \triangleright S[M :: N] : S[\sigma]$ donde:
  - $(U) = \Gamma_1 \triangleright M : \sigma$
  - $(V) = \Gamma_2 \triangleright N : \tau$
  - $S = MGU\,(\{\tau \doteq [\sigma]\} \cup \{\sigma_1 \doteq \sigma_2 \mid x : \sigma_1 \in \Gamma_1,\ x : \sigma_2 \in \Gamma_2\})$

- (*zip U and V with x, y* □ *W*) $\stackrel{\text{def}}{=} S\Gamma_1 \cup S\Gamma_2 \cup S\Gamma_3' \triangleright S$(*zip M and N with x,y* □ *O*) : $S[\rho]$ donde:
  - $(U) = \Gamma_1 \triangleright M : \sigma$
  - $(V) = \Gamma_2 \triangleright N : \tau$
  - $(W) = \Gamma_3 \triangleright O : \rho$
  - $\sigma_x = \mid$ *si x :* $\in \Gamma_3$
    $\mid$ *s, s variable fresca* *si no*

  - $\tau_y = \mid$ *si y :* $\in \Gamma_3$
    $\mid$ *s, s variable fresca* *si no*
  - $\Gamma_3' = \Gamma_3 \ominus \{x, y\}$
  - $S = MGU(\{\sigma \doteq [\sigma_x]\} \cup \{\tau \doteq [\tau_y]\} \cup$
    $\{\sigma_1 \doteq \sigma_2\} \mid x : \sigma_1 \in \Gamma_i\ ,\ x : \sigma_2 \in \Gamma_j\ ,\ i,j \in \{1,\ 2,\ 3'\}\ )$