

$(O\ C_2) \longrightarrow (O\ C_3)$  [app<sub>20</sub>]

where `escoger`[(`apply-reduction-relation` `vp` `C2`), `C3`],

`(not (is-value? C2))`,

`(not (is-variable? primero[(C2)]))`,

`novacio`[(`apply-reduction-relation` `vp` `C2`)]

`(mlet ( $X$ ) =  $ER$  in  $C$ )` [letErro]

$\longrightarrow ER$

`( $ER\ C$ )  $\longrightarrow ER$`  [AppErr1]

`( $W\ ER$ )  $\longrightarrow ER$`  [AppErr2]

`( $OB\ W$ )` [δBErr]

$\longrightarrow$  `typeerror`

where `(not (is-bool?  $W$ ))`

`( $ON\ W$ )` [δNErr]

$\longrightarrow$  `typeerror`

where `(not (is-num?  $W$ ))`

`( $W_1\ W_2$ )` [AppErr]

$\longrightarrow$  `typeerror`

where `(not (or (is-closure1?  $W_1$ ) (is-closure2?  $W_1$ ))),`  
`(not (is-operator?  $W_1$ ))`

`(( $X_1\ \rho_1$ )  $W_2$ )` [app13Err]

$\longrightarrow$  `dispatcherror`

where `predicado`[( $\rho_1$ ,  $X_1$ , `fun`)]

`( $OB\ (X_2\ \rho_2)$ )` [δB1Err]

$\longrightarrow$  `dispatcherror`

where `predicado`[( $\rho_2$ ,  $X_2$ , `bool`)]

`( $ON\ (X_2\ \rho_2)$ )` [δN1Err]

$\longrightarrow$  `dispatcherror`

where `predicado`[( $\rho_2$ ,  $X_2$ , `num`)]