

α, β
 $\underline{\alpha}, \underline{\beta}$
 x
 z
 i

A, B	$::=$	α 1 $A \times B$ $\underline{A} \multimap \underline{B}$
$\underline{A}, \underline{B}, \underline{C}$	$::=$	$\underline{\alpha}$ $!A \otimes \underline{B}$
s, t, u	$::=$	x z \star $\langle t, u \rangle$ $\pi_i(t)$ $\underline{\lambda}z.t$ $s[t]$ $!t \otimes u$ $t \mathbf{to} (!x \otimes z).u$
Γ	$::=$	$\Gamma, t : A$ $\Gamma, t : A, \Gamma'$
Δ	$::=$	$-$ $z : \underline{A}$
<i>terminals</i>	$::=$	$\underline{\lambda}$ \vdash^c \vdash^v \times \multimap \otimes \langle \rangle $ $ $!$ \star π
<i>formula</i>	$::=$	$judgement$ $formula_1 \dots formula_i$
<i>Jtype</i>	$::=$	$\Gamma \mid - \vdash^v t : B$

		$\Gamma \mid \Delta \vdash^c t : \underline{B}$
<i>judgement</i>	::=	
		<i>Jtype</i>
<i>user_syntax</i>	::=	
		α
		$\underline{\alpha}$
		x
		z
		i
		A
		\underline{A}
		s
		Γ
		Δ
		<i>terminals</i>
		<i>formula</i>

$$\boxed{\Gamma \mid - \vdash^v t : B}$$

$$\frac{}{\Gamma, x : A, \Gamma' \mid - \vdash^v x : A} \text{TV_VAR}$$

$$\frac{}{\Gamma \mid - \vdash^v \star : 1} \text{TV_UNIT}$$

$$\frac{\Gamma \mid - \vdash^v t : A \quad \Gamma \mid - \vdash^v u : B}{\Gamma \mid - \vdash^v \langle t, u \rangle : A \times B} \text{TV_PAIR}$$

$$\frac{\Gamma \mid - \vdash^v t : A_1 \times A_2}{\Gamma \mid - \vdash^v \pi_i(t) : A_i} \text{TV_PROJ}$$

$$\frac{\Gamma \mid z : \underline{A} \vdash^c t : \underline{B}}{\Gamma \mid - \vdash^v \underline{\lambda} z. t : \underline{A} \multimap \underline{B}} \text{TV_LAM}$$

$$\boxed{\Gamma \mid \Delta \vdash^c t : \underline{B}}$$

$$\frac{}{\Gamma \mid z : \underline{A} \vdash^c z : \underline{A}} \text{TC_CVAR}$$

$$\frac{\Gamma \mid - \vdash^v s : \underline{A} \multimap \underline{B} \quad \Gamma \mid \Delta \vdash^c t : \underline{A}}{\Gamma \mid \Delta \vdash^c s[t] : \underline{B}} \text{TC_APP}$$

$$\frac{\Gamma \mid - \vdash^v t : A \quad \Gamma \mid \Delta \vdash^c u : \underline{B}}{\Gamma \mid \Delta \vdash^c !t \otimes u : !A \otimes \underline{B}} \text{TC_TENSOR}$$

$$\frac{\Gamma \mid \Delta \vdash^c t : !A \otimes \underline{B} \quad \Gamma, x : A \mid z : \underline{B} \vdash^c u : \underline{C}}{\Gamma \mid \Delta \vdash^c t \mathbf{to} (!x \otimes z). u : \underline{C}} \text{TC_SEQ}$$

Definition rules: 9 good 0 bad
Definition rule clauses: 19 good 0 bad