

Fortsetzung

1.

7. 6. (($\perp$, $\top$), ($\perp$, $\top$))

(($\perp$, $\perp$), ($\perp$, $\perp$))

(($\perp$, $\perp$), ($\perp$, $\top$))

(($\perp$, $\perp$), ($\perp$, $\top$))

(($\perp$, $\perp$), ($\top$, $\perp$))

(($\perp$, $\perp$), ($\top$, $\top$))

(($\perp$, $\perp$), ($\top$, $\top$))

(($\perp$, $\perp$), ($\top$, $\perp$))

(($\perp$, $\perp$), ($\top$, $\top$))

(($\perp$, $\perp$), ($\top$, $\top$))

(($\perp$, $\perp$), ($\perp$, $\perp$))

(($\perp$, $\perp$), ($\perp$, $\top$))

(($\perp$, $\perp$), ($\perp$, $\top$))

(($\perp$, $\perp$), ($\top$, $\perp$))

(($\perp$, $\perp$), ($\top$, $\top$))

(($\perp$, $\perp$), ($\top$, $\top$))

(($\perp$, $\perp$), ($\top$, $\perp$))

(($\perp$, $\perp$), ($\top$, $\top$))

(($\perp$, $\perp$), ($\top$, $\top$))

(($\perp$, $\perp$), ($\perp$, $\perp$))

(($\perp$, $\perp$), ($\perp$, $\top$))

(($\perp$, $\perp$), ($\perp$, $\top$))

(($\perp$, $\perp$), ($\top$, $\perp$))

(($\perp$, $\perp$), ($\top$, $\top$))

(($\perp$, $\perp$), ($\top$, $\top$))

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$

$((\perp . \Gamma, \Gamma.\perp), (\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\Gamma))$

((⌊ . Γ, Γ. Γ), [⌊ . Γ, Γ. ⌊])
((⌊ . Γ, Γ. Γ), [⌊ . Γ, Γ. Γ])
((⌊ . Γ, Γ. Γ), [⌊ . Γ, Γ. Γ])
((⌊ . Γ, Γ. Γ), [⌊ . Γ, Γ. ⌊])
((⌊ . Γ, Γ. Γ), [⌊ . Γ, Γ. Γ])
((⌊ . Γ, Γ. Γ), [⌊ . Γ, Γ. Γ])
((⌊ . Γ, Γ. Γ), (⌊ . ⌊, Γ. ⌊))
((⌊ . Γ, Γ. Γ), (⌊ . ⌊, Γ. Γ))
((⌊ . Γ, Γ. Γ), (⌊ . ⌊, Γ. Γ))
((⌊ . Γ, Γ. Γ), (⌊ . Γ, Γ. ⌊))
((⌊ . Γ, Γ. Γ), (⌊ . Γ, Γ. Γ))
((⌊ . Γ, Γ. Γ), (⌊ . Γ, Γ. Γ))
((⌊ . Γ, Γ. Γ), (⌊ . Γ, Γ. ⌊))
((⌊ . Γ, Γ. Γ), (⌊ . Γ, Γ. Γ))
((⌊ . Γ, Γ. Γ), (⌊ . Γ, Γ. Γ))
((⌊ . Γ, Γ. Γ), (⌊ . ⌊, Γ. ⌊))
((⌊ . Γ, Γ. Γ), (⌊ . ⌊, Γ. Γ))
((⌊ . Γ, Γ. Γ), (⌊ . ⌊, Γ. Γ))
((⌊ . Γ, Γ. Γ), (⌊ . Γ, Γ. ⌊))
((⌊ . Γ, Γ. Γ), (⌊ . Γ, Γ. Γ))
((⌊ . Γ, Γ. Γ), (⌊ . Γ, Γ. Γ))
((⌊ . Γ, Γ. Γ), (⌊ . Γ, Γ. ⌊))
((⌊ . Γ, Γ. Γ), (⌊ . Γ, Γ. Γ))
((⌊ . Γ, Γ. Γ), (⌊ . Γ, Γ. Γ))
((⌊ . Γ, Γ. Γ), [⌊ . ⌊, Γ. ⌊))

$((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp])$

$((\perp, \perp, \top], [\perp, \perp])$
 $((\perp, \perp, \top], [\perp, \perp, \top])$
 $((\perp, \perp, \top], [\perp, \perp, \top])$
 $((\perp, \perp, \top], [\perp, \top, \perp])$
 $((\perp, \perp, \top], [\perp, \top, \top])$
 $((\perp, \perp, \top], [\perp, \top, \top])$
 $((\perp, \perp, \top], [\perp, \top, \perp])$
 $((\perp, \perp, \top], [\perp, \top, \top])$
 $((\perp, \top, \perp], (\perp, \perp, \perp))$
 $((\perp, \top, \perp], (\perp, \perp, \top))$
 $((\perp, \top, \perp], (\perp, \perp, \top))$
 $((\perp, \top, \perp], (\perp, \top, \perp))$
 $((\perp, \top, \perp], (\perp, \top, \top))$
 $((\perp, \top, \perp], (\perp, \top, \perp))$
 $((\perp, \top, \perp], (\perp, \top, \top))$
 $((\perp, \top, \perp], (\perp, \top, \top))$
 $((\perp, \top, \perp], (\perp, \perp, \perp])$
 $((\perp, \top, \perp], (\perp, \perp, \top])$
 $((\perp, \top, \perp], (\perp, \perp, \top])$
 $((\perp, \top, \perp], (\perp, \top, \perp])$
 $((\perp, \top, \perp], (\perp, \top, \top])$
 $((\perp, \top, \perp], (\perp, \top, \perp])$

$((\perp . \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma))$

$$((\lceil \cdot \rceil, \rceil \cdot \rceil), (\lceil \cdot \rceil, \rceil \cdot \rceil))$$
$$((\lceil \cdot \rceil, \rceil \cdot \rceil), (\lceil \cdot \rfloor, \rceil \cdot \lfloor))$$
$$((\perp, \top, \top, \top], (\perp, \top, \top, \top))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), (\sqcup, \sqcap, \sqcup, \sqcap))$$
$$((\lceil \cdot \rceil, \rceil \cdot \rceil], (\lceil \cdot \rfloor, \rceil \cdot \rfloor])$$
$$((\perp, \top, \top, \top], (\perp, \perp, \top, \top])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lfloor \cdot \rfloor])$$
$$((\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \perp])$$
$$((\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\lceil \cdot \rceil, \rceil \cdot \rceil], (\lceil \cdot \rfloor, \rceil \cdot \rfloor])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap], (\sqcup, \sqcap, \sqcap, \sqcap])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \rceil \cdot \rfloor, \lfloor \cdot \rfloor, \rceil \cdot \rfloor))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \rceil \cdot \rfloor), [\lceil \cdot \rfloor, \rceil \cdot \rfloor))$$
$$((\lceil \cdot \rceil, \rceil \cdot \rfloor, \lfloor \cdot \rfloor, \rceil \cdot \rfloor))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$

$((\perp, \top, \top, \top], [\perp, \top, \top, \perp])$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \top])$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \top])$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \perp])$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \top])$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \top])$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \perp))$

$((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top])$

((א.ה, א.ה], [א.א, א.ה))
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.ה])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.ה])

[illegible]

$([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\Gamma, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\top, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\top, \Gamma.\Gamma])$

([$\perp$. Γ , Γ . $\neg$) , [$\perp$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. Γ , Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. $\neg$, Γ . $\neg$) , ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. $\neg$, Γ . $\neg$) , ($\perp$. $\neg$, Γ . Γ))
([$\perp$. $\neg$, Γ . $\neg$) , ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. $\neg$, Γ . $\neg$) , ($\perp$. Γ , Γ . $\neg$))
([$\perp$. $\neg$, Γ . $\neg$) , ($\perp$. Γ , Γ . Γ))
([$\perp$. $\neg$, Γ . $\neg$) , ($\perp$. Γ , Γ . $\neg$))
([$\perp$. $\neg$, Γ . $\neg$) , ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. $\neg$, Γ . $\neg$) , ($\perp$. $\neg$, Γ . $\neg$])
([$\perp$. $\neg$, Γ . $\neg$) , ($\perp$. $\neg$, Γ . Γ])

([$\perp$], $\top$), ($\top$, $\top$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\perp$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\perp$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\perp$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\perp$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\perp$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\perp$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\perp$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\top$))

[illegible]

([⊥ . ⊤, ⊤.⊥], [⊥.⊥, ⊤.⊤]))
([⊥ . ⊤, ⊤.⊥], [⊥ . ⊤, ⊤.⊥]))
([⊥ . ⊤, ⊤.⊥], [⊥ . ⊤, ⊤.⊤]))
([⊥ . ⊤, ⊤.⊥], [⊥ . ⊤, ⊤.⊤]))
([⊥ . ⊤, ⊤.⊥], [⊥.⊤, ⊤.⊥]))
([⊥ . ⊤, ⊤.⊥], [⊥.⊤, ⊤.⊤]))
([⊥ . ⊤, ⊤.⊥], [⊥.⊤, ⊤.⊤]))
([⊥ . ⊤, ⊤.⊥], [⊥.⊥, ⊤.⊥]))
([⊥ . ⊤, ⊤.⊥], [⊥.⊥, ⊤.⊤]))
([⊥ . ⊤, ⊤.⊥], [⊥.⊥, ⊤.⊤]))
([⊥ . ⊤, ⊤.⊥], [⊥ . ⊤, ⊤.⊥]))
([⊥ . ⊤, ⊤.⊥], [⊥ . ⊤, ⊤.⊤]))
([⊥ . ⊤, ⊤.⊥], [⊥ . ⊤, ⊤.⊤]))
([⊥ . ⊤, ⊤.⊥], [⊥.⊤, ⊤.⊥]))
([⊥ . ⊤, ⊤.⊥], [⊥.⊤, ⊤.⊤]))
([⊥ . ⊤, ⊤.⊥], [⊥.⊤, ⊤.⊤]))
([⊥ . ⊤, ⊤.⊤], (⊥.⊥, ⊤.⊥)))
([⊥ . ⊤, ⊤.⊤], (⊥.⊥, ⊤.⊤)))
([⊥ . ⊤, ⊤.⊤], (⊥.⊥, ⊤.⊤)))
([⊥ . ⊤, ⊤.⊤], (⊥ . ⊤, ⊤.⊥)))
([⊥ . ⊤, ⊤.⊤], (⊥ . ⊤, ⊤.⊤)))
([⊥ . ⊤, ⊤.⊤], (⊥ . ⊤, ⊤.⊤)))
([⊥ . ⊤, ⊤.⊤], (⊥.⊤, ⊤.⊥)))
([⊥ . ⊤, ⊤.⊤], (⊥.⊤, ⊤.⊤)))
([⊥ . ⊤, ⊤.⊤], (⊥.⊤, ⊤.⊤)))

([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . ⊥])
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . Γ])
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . ⊔])
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . ⊥])
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . Γ])
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . ⊔])
([⊥ . Γ , Γ . Γ] , [⊥ . ⊔ , Γ . ⊥])
([⊥ . Γ , Γ . Γ] , [⊥ . ⊔ , Γ . Γ])
([⊥ . Γ , Γ . Γ] , [⊥ . ⊔ , Γ . ⊔])
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . ⊔]))
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . ⊥]))
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . ⊔]))
([⊥ . Γ , Γ . Γ] , [⊥ . ⊔ , Γ . ⊥]))
([⊥ . Γ , Γ . Γ] , [⊥ . ⊔ , Γ . Γ]))
([⊥ . Γ , Γ . Γ] , [⊥ . ⊔ , Γ . ⊔]))
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . ⊥])
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . Γ])
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . ⊔])
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . ⊥])
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . Γ])
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . ⊔])
([⊥ . Γ , Γ . Γ] , [⊥ . ⊔ , Γ . ⊥])

$$([\perp, \top, \top], [\perp, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top], [\perp, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$$
$$([\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$([\perp.\top, \top.\perp], (\perp.\top, \top.\top))$$
 $([\perp.\top, \top.\perp], (\perp.\top, \top.\top))$ $([\perp, \top], [\perp, \top])$
$$([\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$$
 $([\perp, \top], [\perp, \perp], [\top, \top])$

$$\begin{aligned}
& ([\perp, \top], [\perp, \perp]), ([\perp, \top], [\perp, \perp]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \top], [\perp, \top]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \top], [\perp, \top]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \top], [\perp, \perp]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \top], [\perp, \top]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \top], [\perp, \top]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\perp, \perp]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\perp, \top]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\perp, \top]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\perp, \perp]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\perp, \top]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\perp, \top]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\perp, \perp]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\perp, \top]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\perp, \top]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\perp, \perp]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\perp, \top]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\perp, \top]) \\
& ([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\perp, \perp]) \\
& ([\perp, \top], [\perp, \top]), ([\perp, \perp], [\perp, \perp])
\end{aligned}$$

[illegible]

[illegible]

$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\sqcup.\sqcup, \sqcap.\sqcap), [\sqcup.\sqcap, \sqcap.\sqcup])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\sqcup \cdot \sqcup, \sqcap \cdot \sqcap), [\sqcup \cdot \sqcup, \sqcap \cdot \sqcap])$$
$$((\sqcup \cdot \sqcup, \sqcap \cdot \sqcap), [\sqcup \cdot \sqcup, \sqcap \cdot \sqcap])$$
$$((\sqcup \cdot \sqcup, \sqcap \cdot \sqcap), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup \cdot \sqcup, \sqcap \cdot \sqcap), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcap])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$
$$((\sqcup.\sqcup, \sqcap.\sqcap), [\sqcup.\sqcap, \sqcap.\sqcup])$$
$$((\sqcup \cdot \sqcup, \sqcap \cdot \sqcap), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcap])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$$
$$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$$
$$((\sqcup.\sqcup, \sqcap.\sqcap), (\sqcup.\sqcap, \sqcap.\sqcap))$$
$$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$$

$((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\top))$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp \cdot \Gamma, \Gamma.\perp))$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp \cdot \Gamma, \Gamma.\top))$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp \cdot \Gamma, \Gamma.\top))$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\perp))$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\top))$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\top))$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\top])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\top])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp \cdot \Gamma, \Gamma.\perp])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp \cdot \Gamma, \Gamma.\top])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp \cdot \Gamma, \Gamma.\top])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\perp])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\top])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\top])$
 $((\perp \cdot \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\perp))$
 $((\perp \cdot \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\top))$
 $((\perp \cdot \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\top))$
 $((\perp \cdot \Gamma, \Gamma.\top), (\perp \cdot \Gamma, \Gamma.\perp))$
 $((\perp \cdot \Gamma, \Gamma.\top), (\perp \cdot \Gamma, \Gamma.\top))$
 $((\perp \cdot \Gamma, \Gamma.\top), (\perp \cdot \Gamma, \Gamma.\top))$
 $((\perp \cdot \Gamma, \Gamma.\top), (\perp.\top, \Gamma.\perp))$
 $((\perp \cdot \Gamma, \Gamma.\top), (\perp.\top, \Gamma.\top))$
 $((\perp \cdot \Gamma, \Gamma.\top), (\perp.\top, \Gamma.\top))$

$$\begin{aligned}
& ((\perp.\top, \top.\perp), (\perp.\top, \top.\perp)) \\
& ((\perp.\top, \top.\perp), (\perp.\top, \top.\top)) \\
& ((\perp.\top, \top.\perp), (\perp.\top, \top.\top)) \\
& ((\perp.\top, \top.\perp), (\perp.\top, \top.\perp)) \\
& ((\perp.\top, \top.\perp), (\perp.\top, \top.\top)) \\
& ((\perp.\top, \top.\perp), (\perp.\top, \top.\top)) \\
& ((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp)) \\
& ((\perp.\top, \top.\perp), (\perp.\perp, \top.\top)) \\
& ((\perp.\top, \top.\perp), (\perp.\perp, \top.\top)) \\
& ((\perp.\top, \top.\perp), (\perp.\top, \top.\perp)) \\
& ((\perp.\top, \top.\perp), (\perp.\top, \top.\top)) \\
& ((\perp.\top, \top.\perp), (\perp.\top, \top.\top)) \\
& ((\perp.\top, \top.\perp), (\perp.\top, \top.\perp)) \\
& ((\perp.\top, \top.\perp), (\perp.\top, \top.\top)) \\
& ((\perp.\top, \top.\perp), (\perp.\top, \top.\top)) \\
& ((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp)) \\
& ((\perp.\top, \top.\perp), (\perp.\perp, \top.\top)) \\
& ((\perp.\top, \top.\perp), (\perp.\perp, \top.\top)) \\
& ((\perp.\top, \top.\perp), (\perp.\top, \top.\perp)) \\
& ((\perp.\top, \top.\perp), (\perp.\top, \top.\top)) \\
& ((\perp.\top, \top.\perp), (\perp.\top, \top.\top)) \\
& ((\perp.\top, \top.\perp), (\perp.\top, \top.\perp)) \\
& ((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))
\end{aligned}$$

$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\sqcup.\top, \top.\sqcup), (\sqcup.\sqcup, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\sqcup, \top.\sqcup])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup.\top, \top.\sqcap), [\sqcup.\sqcup, \top.\top])$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup))$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup])$$
$$((\sqcup.\top, \top.\sqcap), [\sqcup.\top, \top.\sqcup])$$
$$((\sqcup.\top, \top.\sqcap), [\sqcup.\top, \top.\sqcap))$$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$

$((\perp, \top, (\perp, \top)))$
 $((\perp, \top, (\perp, \perp)))$
 $((\perp, \top, (\top, \top)))$
 $((\perp, \top, (\perp, \perp)))$
 $((\perp, \top, (\perp, \top)))$
 $((\perp, \top, (\top, \top)))$
 $((\perp, \top, (\perp, \top)))$
 $((\perp, \top, (\perp, \perp)))$
 $((\perp, \top, (\top, \top)))$
 $((\perp, \top, (\perp, \top)))$
 $((\perp, \top, (\top, \top)))$
 $((\perp, \top, (\perp, \perp)))$
 $((\perp, \top, (\perp, \top)))$
 $((\perp, \top, (\top, \top)))$
 $((\perp, \top, (\perp, \top)))$
 $((\perp, \top, (\perp, \perp)))$
 $((\perp, \top, (\top, \top)))$
 $((\perp, \top, (\perp, \top)))$
 $((\perp, \top, (\perp, \perp)))$
 $((\perp, \top, (\top, \top)))$
 $((\perp, \top, (\perp, \top)))$
 $((\perp, \top, (\perp, \perp)))$
 $((\perp, \top, (\top, \top)))$
 $((\perp, \top, (\perp, \top)))$
 $((\perp, \top, (\perp, \perp)))$

$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp \cdot \top, \top \cdot \perp], (\perp \cdot \perp, \top \cdot \top))$$
$$((\perp \cdot \top, \top \cdot \perp], (\perp \cdot \perp, \top \cdot \top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp \cdot \top, \top \cdot \perp], (\perp \cdot \top, \top \cdot \top))$$
$$((\perp \cdot \top, \top \cdot \perp], (\perp \cdot \top, \top \cdot \top))$$
$$((\perp, \top, \top, \perp], (\perp, \top, \top, \perp))$$
$$((\perp \cdot \top, \top \cdot \perp], (\perp \cdot \top, \top \cdot \top))$$
$$((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$$
$$((\perp, \top, \top, \perp], (\perp, \perp, \top, \perp])$$
$$((\perp, \top, \top, \perp], (\perp, \perp, \top, \top])$$
$$((\perp, \top, \top, \perp], (\perp, \perp, \top, \top])$$
$$((\perp \cdot \top, \top \cdot \perp], (\perp \cdot \top, \top \cdot \perp])$$
$$((\perp \cdot \top, \top \cdot \perp], (\perp \cdot \top, \top \cdot \top])$$
$$((\perp \cdot \top, \top \cdot \perp], (\perp \cdot \top, \top \cdot \top])$$
$$((\perp, \top, \top, \perp], (\perp, \top, \top, \perp])$$
$$((\perp, \top, \top, \perp], (\perp, \top, \top, \top])$$
$$((\perp, \top, \top, \perp], (\perp, \top, \top, \top])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$

$((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \top, \Gamma.\top))$

$((\perp . \Gamma, \Gamma . \Pi, (\perp . \Delta, \Gamma . \Delta))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Delta, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Delta, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \Delta))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \Delta))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Delta, \Gamma . \Delta]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Delta, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Delta, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Delta]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Delta]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Delta, \Gamma . \Delta]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Delta, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Delta, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Delta]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Delta]))$

$((\perp, \top, \top, \top], [\perp, \top, \top, \top])$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \top])$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \perp])$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \perp])$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \top])$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \perp])$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \top])$
 $((\perp, \top, \top, \top], [\perp, \perp, \top, \perp])$
 $((\perp, \top, \top, \top], [\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \top], [\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \perp])$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \top])$

((⌊.7, ⌈.⌋], (⌊.7, ⌈.⌋])
((⌊.7, ⌈.⌋], (⌊.7, ⌈.7])
((⌊.7, ⌈.⌋], (⌊.7, ⌈.7])
((⌊.7, ⌈.⌋], (⌊.7, ⌈.⌋])
((⌊.7, ⌈.⌋], (⌊.7, ⌈.7])
((⌊.7, ⌈.⌋], (⌊.7, ⌈.7])
((⌊.7, ⌈.⌋], [⌊.⌋, ⌈.⌋))
((⌊.7, ⌈.⌋], [⌊.⌋, ⌈.7])
((⌊.7, ⌈.⌋], [⌊.⌋, ⌈.7])
((⌊.7, ⌈.⌋], [⌊.7, ⌈.⌋))
((⌊.7, ⌈.⌋], [⌊.7, ⌈.7])
((⌊.7, ⌈.⌋], [⌊.7, ⌈.7])
((⌊.7, ⌈.⌋], [⌊.7, ⌈.⌋))
((⌊.7, ⌈.⌋], [⌊.7, ⌈.7])
((⌊.7, ⌈.⌋], [⌊.⌋, ⌈.⌋])
((⌊.7, ⌈.⌋], [⌊.⌋, ⌈.7])
((⌊.7, ⌈.⌋], [⌊.⌋, ⌈.7])
((⌊.7, ⌈.⌋], [⌊.7, ⌈.⌋])
((⌊.7, ⌈.⌋], [⌊.7, ⌈.7])
((⌊.7, ⌈.⌋], [⌊.7, ⌈.7])
((⌊.7, ⌈.⌋], [⌊.7, ⌈.7])
((⌊.7, ⌈.7], (⌊.⌋, ⌈.⌋))

((א.ה, ב.ב), (א.ה, ב.ב))
 ((א.ה, ב.ב), (א.א, ב.א))
 ((א.ה, ב.ב), (א.א, ב.ב))
 ((א.ה, ב.ב), (א.א, ב.ה))
 ((א.ה, ב.ב), (א.ב, ב.א))
 ((א.ה, ב.ב), (א.ב, ב.ב))
 ((א.ה, ב.ב), (א.ב, ב.ה))
 ((א.ה, ב.ב), (א.ה, ב.א))
 ((א.ה, ב.ב), (א.ה, ב.ב))
 ((א.ה, ב.ב), (א.ה, ב.ה))
 ((א.ה, ב.ה), (א.א, ב.א))
 ((א.ה, ב.ה), (א.א, ב.ב))
 ((א.ה, ב.ה), (א.א, ב.ה))
 ((א.ה, ב.ה), (א.ב, ב.א))
 ((א.ה, ב.ה), (א.ב, ב.ב))
 ((א.ה, ב.ה), (א.ב, ב.ה))
 ((א.ה, ב.ה), (א.ה, ב.א))
 ((א.ה, ב.ה), (א.ה, ב.ב))
 ((א.ה, ב.ה), (א.ה, ב.ה))
 ((א.ה, ב.ה), (א.א, ב.א))
 ((א.ה, ב.ה), (א.א, ב.ב))
 ((א.ה, ב.ה), (א.א, ב.ה))
 ((א.ה, ב.ה), (א.ב, ב.א))
 ((א.ה, ב.ה), (א.ב, ב.ב))
 ((א.ה, ב.ה), (א.ב, ב.ה))

$([\perp . \bot , \top . \top], [\perp . \top , \top . \bot])$
 $([\perp . \bot , \top . \top], [\perp . \top , \top . \top])$
 $([\perp . \bot , \top . \top], [\perp . \top , \top . \top])$
 $([\perp . \top , \top . \bot], (\perp . \bot , \top . \top))$
 $([\perp . \top , \top . \bot], (\perp . \bot , \top . \top))$
 $([\perp . \top , \top . \bot], (\perp . \top , \top . \bot))$
 $([\perp . \top , \top . \bot], (\perp . \top , \top . \top))$
 $([\perp . \top , \top . \bot], (\perp . \top , \top . \top))$
 $([\perp . \top , \top . \bot], (\perp . \top , \top . \top))$
 $([\perp . \top , \top . \bot], (\perp . \top , \top . \top))$
 $([\perp . \top , \top . \bot], (\perp . \bot , \top . \bot))$
 $([\perp . \top , \top . \bot], (\perp . \bot , \top . \top))$
 $([\perp . \top , \top . \bot], (\perp . \bot , \top . \top))$
 $([\perp . \top , \top . \bot], (\perp . \top , \top . \bot))$
 $([\perp . \top , \top . \bot], (\perp . \top , \top . \top))$
 $([\perp . \top , \top . \bot], (\perp . \top , \top . \top))$
 $([\perp . \top , \top . \bot], (\perp . \top , \top . \top))$
 $([\perp . \top , \top . \bot], (\perp . \top , \top . \top))$
 $([\perp . \top , \top . \bot], [\perp . \bot , \top . \bot])$
 $([\perp . \top , \top . \bot], [\perp . \bot , \top . \top])$
 $([\perp . \top , \top . \bot], [\perp . \bot , \top . \top])$
 $([\perp . \top , \top . \bot], [\perp . \top , \top . \bot])$
 $([\perp . \top , \top . \bot], [\perp . \top , \top . \top])$

$([1, 7], [1, 1]), ([1, 7], [1, 1])$
 $([1, 7], [1, 1]), ([1, 7], [1, 7])$
 $([1, 7], [1, 1]), ([1, 7], [1, 7])$
 $([1, 7], [1, 1]), ([1, 1], [1, 1])$
 $([1, 7], [1, 1]), ([1, 1], [1, 7])$
 $([1, 7], [1, 1]), ([1, 1], [1, 7])$
 $([1, 7], [1, 1]), ([1, 7], [1, 1])$
 $([1, 7], [1, 1]), ([1, 7], [1, 7])$
 $([1, 7], [1, 1]), ([1, 7], [1, 7])$
 $([1, 7], [1, 1]), ([1, 7], [1, 1])$
 $([1, 7], [1, 1]), ([1, 7], [1, 7])$
 $([1, 7], [1, 1]), ([1, 1], [1, 1])$
 $([1, 7], [1, 1]), ([1, 1], [1, 7])$
 $([1, 7], [1, 1]), ([1, 1], [1, 7])$
 $([1, 7], [1, 1]), ([1, 7], [1, 1])$
 $([1, 7], [1, 1]), ([1, 7], [1, 7])$
 $([1, 7], [1, 1]), ([1, 7], [1, 7])$
 $([1, 7], [1, 1]), ([1, 7], [1, 1])$
 $([1, 7], [1, 7]), ([1, 1], [1, 1])$
 $([1, 7], [1, 7]), ([1, 1], [1, 7])$
 $([1, 7], [1, 7]), ([1, 1], [1, 7])$
 $([1, 7], [1, 7]), ([1, 7], [1, 1])$

$([1, 7], [7, 7]), [1, 1], [1, 1])$
 $([1, 7], [7, 7]), [1, 1], [1, 7])$
 $([1, 7], [7, 7]), [1, 1], [1, 7])$
 $([1, 7], [7, 7]), [1, 7], [1, 1])$
 $([1, 7], [7, 7]), [1, 7], [1, 7])$
 $([1, 7], [7, 7]), [1, 7], [1, 7])$
 $([1, 7], [7, 7]), [1, 7], [1, 1])$
 $([1, 7], [7, 7]), [1, 7], [1, 7])$
 $([1, 7], [7, 7]), [1, 7], [1, 7])$
 $([1, 7], [7, 7]), [1, 1], [1, 1])$
 $([1, 7], [7, 7]), [1, 1], [1, 7])$
 $([1, 7], [7, 7]), [1, 1], [1, 7])$
 $([1, 7], [7, 7]), [1, 7], [1, 7])$
 $([1, 7], [7, 7]), [1, 7], [1, 7])$
 $([1, 7], [7, 7]), [1, 7], [1, 7])$
 $([1, 7], [7, 7]), [1, 7], [1, 7])$
 $([1, 7], [7, 7]), [1, 7], [1, 7])$
 $([1, 1], [1, 1]), ([1, 1], [1, 1])$
 $([1, 1], [1, 1]), ([1, 1], [1, 7])$
 $([1, 1], [1, 1]), ([1, 1], [1, 7])$
 $([1, 1], [1, 1]), ([1, 7], [1, 1])$
 $([1, 1], [1, 1]), ([1, 7], [1, 7])$
 $([1, 1], [1, 1]), ([1, 7], [1, 7])$
 $([1, 1], [1, 1]), ([1, 7], [1, 1])$

[illegible]

([$\perp$. Γ , Γ . $\perp$], [$\perp$. $\neg$, Γ . $\perp$]))
([$\perp$. Γ , Γ . $\perp$], [$\perp$. $\neg$, Γ . Γ]))
([$\perp$. Γ , Γ . $\perp$], [$\perp$. $\neg$, Γ . $\neg$]))
([$\perp$. Γ , Γ . $\perp$], [$\perp$. $\perp$, Γ . $\perp$]))
([$\perp$. Γ , Γ . $\perp$], [$\perp$. $\perp$, Γ . Γ]))
([$\perp$. Γ , Γ . $\perp$], [$\perp$. $\perp$, Γ . $\neg$]))
([$\perp$. Γ , Γ . $\perp$], [$\perp$. Γ , Γ . $\perp$]))
([$\perp$. Γ , Γ . $\perp$], [$\perp$. Γ , Γ . Γ]))
([$\perp$. Γ , Γ . $\perp$], [$\perp$. Γ , Γ . $\neg$]))
([$\perp$. Γ , Γ . $\perp$], [$\perp$. $\neg$, Γ . $\perp$]))
([$\perp$. Γ , Γ . $\perp$], [$\perp$. $\neg$, Γ . Γ]))
([$\perp$. Γ , Γ . $\perp$], [$\perp$. $\neg$, Γ . $\neg$]))
([$\perp$. Γ , Γ . Γ], ($\perp$. $\perp$, Γ . $\perp$))
([$\perp$. Γ , Γ . Γ], ($\perp$. $\perp$, Γ . Γ))
([$\perp$. Γ , Γ . Γ], ($\perp$. $\perp$, Γ . $\neg$))
([$\perp$. Γ , Γ . Γ], ($\perp$. Γ , Γ . $\perp$))
([$\perp$. Γ , Γ . Γ], ($\perp$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . Γ], ($\perp$. Γ , Γ . $\neg$))
([$\perp$. Γ , Γ . Γ], ($\perp$. $\neg$, Γ . $\perp$))
([$\perp$. Γ , Γ . Γ], ($\perp$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . Γ], ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . Γ], ($\perp$. $\perp$, Γ . $\perp$]))
([$\perp$. Γ , Γ . Γ], ($\perp$. $\perp$, Γ . Γ]))
([$\perp$. Γ , Γ . Γ], ($\perp$. $\perp$, Γ . $\neg$]))
([$\perp$. Γ , Γ . Γ], ($\perp$. Γ , Γ . $\perp$]))

$$\begin{aligned}
& ([\perp, \top, \top, \top], [\perp, \top, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \bot]) \\
& ([\perp, \top, \top, \top], [\perp, \bot, \top, \bot]) \\
& ([\perp, \top, \top, \top], [\perp, \bot, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \bot, \top, \bot]) \\
& ([\perp, \top, \top, \top], [\perp, \bot, \bot, \bot]) \\
& ([\perp, \top, \top, \top], [\perp, \bot, \bot, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \bot, \bot, \bot]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \bot]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \bot]) \\
& ([\perp, \top, \top, \top], [\perp, \bot, \top, \bot]) \\
& ([\perp, \top, \top, \top], [\perp, \bot, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \bot, \bot, \bot]) \\
& ([\perp, \top, \top, \top], [\perp, \bot, \bot, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \bot, \bot, \bot]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \bot]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \bot]) \\
& ([\perp, \top, \top, \top], [\perp, \bot, \top, \bot]) \\
& ([\perp, \top, \top, \top], [\perp, \bot, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \bot, \bot, \bot]) \\
& ([\perp, \top, \top, \top], [\perp, \bot, \bot, \top])
\end{aligned}$$

[illegible]

([$\perp$], $\top$, $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$, $\top$), ($\perp$, $\top$, $\perp$))
([$\perp$], $\top$, $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$, $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$, $\top$), ($\perp$, $\perp$, $\perp$))
([$\perp$], $\top$, $\top$), ($\perp$, $\perp$, $\top$))
([$\perp$], $\top$, $\top$), ($\perp$, $\perp$, $\top$))
([$\perp$], $\top$, $\top$), ($\perp$, $\top$, $\perp$))
([$\perp$], $\top$, $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$, $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$, $\top$), ($\perp$, $\top$, $\perp$))
([$\perp$], $\top$, $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$, $\top$), ($\perp$, $\perp$, $\perp$))
([$\perp$], $\top$, $\top$), ($\perp$, $\perp$, $\top$))
([$\perp$], $\top$, $\top$), ($\perp$, $\perp$, $\top$))
([$\perp$], $\top$, $\top$), ($\perp$, $\top$, $\perp$))
([$\perp$], $\top$, $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$, $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$, $\top$), ($\perp$, $\top$, $\perp$))
([$\perp$], $\top$, $\top$), ($\perp$, $\perp$, $\top$))
([$\perp$], $\top$, $\top$), ($\perp$, $\perp$, $\top$))
([$\perp$], $\top$, $\top$), ($\perp$, $\perp$, $\top$))

$([a, b], [c, d])$

$([a, b], [c, e])$

$([a, b], [c, f])$

$([a, b], [d, e])$

$([a, b], [d, f])$

$([a, b], [e, f])$

$([a, c], [b, d])$

$([a, c], [b, e])$

$([a, c], [b, f])$

$([a, c], [d, e])$

$([a, c], [d, f])$

$([a, c], [e, f])$

$([a, d], [b, c])$

$([a, d], [b, e])$

$([a, d], [b, f])$

$([a, d], [c, e])$

$([a, d], [c, f])$

7. $([a, c], [b, d])$

$([a, c], [b, e])$

$([a, c], [b, f])$

$([a, c], [d, e])$

$([a, c], [d, f])$

$([a, c], [e, f])$

$([a, d], [b, c])$

$([a, d], [b, e])$

((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))

[illegible]

$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \top])$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \top])$$
$$((\lceil \cdot \rceil, \rceil \cdot \rceil), (\lceil \cdot \rfloor, \rceil \cdot \lfloor])$$
$$((\lceil \cdot \rceil, \rceil \cdot \rceil), (\lceil \cdot \rceil, \rceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\bot, \top.\bot])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup \cdot \sqsupset, \sqsupset \cdot \sqsupset), [\sqcup \cdot \sqsupset, \sqsupset \cdot \sqcup])$$
$$((\sqcup \cdot \sqsupset, \sqsupset \cdot \sqsupset), [\sqcup \cdot \sqsupset, \sqsupset \cdot \sqsupset))$$
$$((\sqcup \cdot \sqsupset, \sqsupset \cdot \sqsupset), [\sqcup \cdot \sqsupset, \sqsupset \cdot \sqsupset])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcup, \sqcap, \sqcup])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcup, \sqcap, \sqcap])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcup, \sqcap, \sqcap])$$
$$((\sqcup \cdot \sqsupset, \sqsupset \cdot \sqsupset), [\sqcup \cdot \sqsupset, \sqsupset \cdot \sqcup])$$
$$((\sqcup \cdot \sqcup, \sqcup \cdot \sqcup), [\sqcup \cdot \sqcup, \sqcup \cdot \sqcup])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$$
$$((\perp, \top, \top, \top), (\perp, \perp, \top, \top))$$

$((\perp, \top, \top), [\perp, \perp, \top])$

$((\perp, \top, \top), [\perp, \perp, \top])$

$((\perp, \top, \top), [\perp, \perp, \top])$

$((\perp, \top, \top), [\perp, \top, \perp])$

$((\perp, \top, \top), [\perp, \top, \top])$

$((\perp, \top, \top), [\perp, \top, \top])$

$((\perp, \top, \top), [\perp, \top, \perp])$

$((\perp, \top, \top), [\perp, \top, \top])$

$((\perp, \top, \top), [\perp, \top, \top])$

$((\perp, \top, \perp), (\perp, \perp, \top))$

$((\perp, \top, \perp), (\perp, \perp, \top))$

$((\perp, \top, \perp), (\perp, \perp, \top))$

$((\perp, \top, \perp), (\perp, \top, \perp))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp, \top, \perp), (\perp, \top, \perp))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp, \top, \perp), (\perp, \perp, \perp))$

$((\perp, \top, \perp), (\perp, \perp, \top))$

$((\perp, \top, \perp), (\perp, \perp, \top))$

$((\perp, \top, \perp), (\perp, \top, \perp))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp, \top, \perp), (\perp, \top, \perp))$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top], [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top])$

$((\perp . \Gamma, \Gamma . \Pi), (\perp . \Gamma, \Gamma . \Pi))$
 $((\perp . \Gamma, \Gamma . \Pi), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi), (\perp . \neg, \Gamma . \Pi))$
 $((\perp . \Gamma, \Gamma . \Pi), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \neg, \Gamma . \Pi])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \Gamma, \Gamma . \Pi])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \neg, \Gamma . \Pi])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \Gamma, \Gamma . \Pi])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \neg, \Gamma . \Pi])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \neg, \Gamma . \Pi))$

((⌊.Γ, Γ.Γ], [⌊.⌊, Γ.⌊])
((⌊.Γ, Γ.Γ], [⌊.⌊, Γ.Γ])
((⌊.Γ, Γ.Γ], [⌊.⌊, Γ.Γ])
((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.⌊])
((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.⌊])
((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.⌊))
((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.⌊])
((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.Γ])
((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.Γ])
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.⌊])
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.⌊])

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_-)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_-)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_-, [1]_-)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_-, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_-, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_-)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_-)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_-, [1]_-)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_-, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_-, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_-)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_-)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_-, [1]_-)$

$([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.1, 1.1])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.7], [1.1, 1.1])$
 $([1.7, 1.7], [1.1, 1.7])$
 $([1.7, 1.7], [1.1, 1.7])$
 $([1.7, 1.7], [1.7, 1.1])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.7, 1.7])$

$([\perp] . \perp, \Gamma . \perp], [\perp] . \perp, \Gamma . \top])$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \top, \Gamma . \perp])$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \top, \Gamma . \top])$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \top, \Gamma . \top])$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \top, \Gamma . \perp])$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \top, \Gamma . \top])$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \top, \Gamma . \top])$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \perp, \Gamma . \perp))$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \perp, \Gamma . \top))$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \perp, \Gamma . \top))$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \top, \Gamma . \perp))$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \top, \Gamma . \top))$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \top, \Gamma . \top))$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \top, \Gamma . \top))$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \top, \Gamma . \top))$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \perp, \Gamma . \perp])$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \perp, \Gamma . \top])$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \perp, \Gamma . \top])$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \top, \Gamma . \perp])$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \top, \Gamma . \top])$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \top, \Gamma . \top])$
 $([\perp] . \perp, \Gamma . \perp], [\perp] . \top, \Gamma . \top])$

$([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$

([⊥ . ⊢, ⊢.⊥], [⊥.⊥, ⊢.⊢])
([⊥ . ⊢, ⊢.⊥], [⊥.⊥, ⊢.⊣])
([⊥ . ⊢, ⊢.⊥], [⊥.⊢, ⊢.⊥])
([⊥ . ⊢, ⊢.⊥], [⊥.⊢, ⊢.⊢])
([⊥ . ⊢, ⊢.⊥], [⊥.⊢, ⊢.⊣])
([⊥ . ⊢, ⊢.⊥], [⊥.⊣, ⊢.⊥])
([⊥ . ⊢, ⊢.⊥], [⊥.⊣, ⊢.⊢])
([⊥ . ⊢, ⊢.⊥], [⊥.⊣, ⊢.⊣])
([⊥ . ⊢, ⊢.⊢], ([⊥.⊥, ⊢.⊥]))
([⊥ . ⊢, ⊢.⊢], ([⊥.⊥, ⊢.⊢]))
([⊥ . ⊢, ⊢.⊢], ([⊥.⊥, ⊢.⊣]))
([⊥ . ⊢, ⊢.⊢], ([⊥.⊢, ⊢.⊥]))
([⊥ . ⊢, ⊢.⊢], ([⊥.⊢, ⊢.⊢]))
([⊥ . ⊢, ⊢.⊢], ([⊥.⊢, ⊢.⊣]))
([⊥ . ⊢, ⊢.⊢], ([⊥.⊣, ⊢.⊥]))
([⊥ . ⊢, ⊢.⊢], ([⊥.⊣, ⊢.⊢]))
([⊥ . ⊢, ⊢.⊢], ([⊥.⊣, ⊢.⊣]))
([⊥ . ⊢, ⊢.⊢], ([⊥.⊥, ⊢.⊥]))
([⊥ . ⊢, ⊢.⊢], ([⊥.⊥, ⊢.⊢]))
([⊥ . ⊢, ⊢.⊢], ([⊥.⊥, ⊢.⊣]))
([⊥ . ⊢, ⊢.⊢], ([⊥.⊢, ⊢.⊥]))
([⊥ . ⊢, ⊢.⊢], ([⊥.⊢, ⊢.⊢]))
([⊥ . ⊢, ⊢.⊢], ([⊥.⊢, ⊢.⊣]))
([⊥ . ⊢, ⊢.⊢], ([⊥.⊣, ⊢.⊥]))
([⊥ . ⊢, ⊢.⊢], ([⊥.⊣, ⊢.⊢]))

[illegible]

([$\perp$. Γ , Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$], ($\neg$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], ($\neg$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], ($\neg$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], ($\neg$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . $\neg$], ($\neg$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], ($\neg$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$]))
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$]))
([$\perp$. Γ , Γ . $\neg$], [$\neg$. Γ , Γ . $\neg$]))
([$\perp$. Γ , Γ . $\neg$], [$\neg$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . $\neg$], [$\neg$. Γ , Γ . $\neg$]))
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$]))
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$]))
([$\perp$. Γ , Γ . $\neg$], [$\neg$. Γ , Γ . $\neg$]))

$([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 2], [1, 2])$
 $([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 2], [1, 2])$
 $([1, 7], [1, 7], [1, 2], [1, 7])$
 $([1, 7], [1, 7], [1, 2], [1, 7])$
 $([1, 7], [1, 7], [1, 7], [1, 2])$
 $([1, 7], [1, 7], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 7], [1, 2])$
 $([1, 7], [1, 7], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 7], [1, 7])$

[illegible]

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$[1, 7] \text{ 9. } ([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

[illegible]

$((\perp . \top, \top.\perp), (\perp . \top, \top.\perp))$
 $((\perp . \top, \top.\perp), (\perp . \top, \top.\top))$
 $((\perp . \top, \top.\perp), (\perp . \top, \top.\top))$
 $((\perp . \top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp . \top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp . \top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp . \top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp . \top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp . \top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp . \top, \top.\perp), (\perp . \top, \top.\perp))$
 $((\perp . \top, \top.\perp), (\perp . \top, \top.\top))$
 $((\perp . \top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp . \top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp . \top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp . \top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp . \top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp . \top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp . \top, \top.\perp), (\perp . \top, \top.\perp))$
 $((\perp . \top, \top.\perp), (\perp . \top, \top.\top))$
 $((\perp . \top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp . \top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp . \top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp . \top, \top.\perp), (\perp.\perp, \top.\perp))$

$((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\Gamma])$

$((\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \neg . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \neg . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \neg . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \neg . \neg))$

((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.⌊,Γ.⌊))
((⌊.Γ,Γ.Γ), (⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.⌊,Γ.⌊))
((⌊.Γ,Γ.Γ), [⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ), [⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ), [⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.⌊,Γ.⌊))
((⌊.Γ,Γ.Γ), [⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.Γ,Γ.⌊))

$((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

((⌊.⌋, ⌈.⌋], (⌊.⌋, ⌈.⌈])
((⌊.⌋, ⌈.⌋], (⌊.⌈, ⌈.⌋])
((⌊.⌋, ⌈.⌋], (⌊.⌈, ⌈.⌈])
((⌊.⌋, ⌈.⌋], (⌊.⌈, ⌈.⌈])
((⌊.⌋, ⌈.⌋], (⌊.⌈, ⌈.⌋])
((⌊.⌋, ⌈.⌋], (⌊.⌈, ⌈.⌈])
((⌊.⌋, ⌈.⌋], (⌊.⌈, ⌈.⌈])
((⌊.⌋, ⌈.⌋], [⌊.⌋, ⌈.⌋))
((⌊.⌋, ⌈.⌋], [⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌋], [⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌋], [⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌋], [⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌋], [⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌋], [⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌋], [⌊.⌋, ⌈.⌋])
((⌊.⌋, ⌈.⌋], [⌊.⌋, ⌈.⌈])
((⌊.⌋, ⌈.⌋], [⌊.⌋, ⌈.⌈])
((⌊.⌋, ⌈.⌋], [⌊.⌈, ⌈.⌋])
((⌊.⌋, ⌈.⌋], [⌊.⌈, ⌈.⌈])
((⌊.⌋, ⌈.⌋], [⌊.⌈, ⌈.⌈])
((⌊.⌋, ⌈.⌋], [⌊.⌈, ⌈.⌈])
((⌊.⌋, ⌈.⌋], [⌊.⌈, ⌈.⌈])

$((\perp, \Gamma, \Gamma.\perp], (\perp, \Gamma, \Gamma.\perp))$
 $((\perp, \Gamma, \Gamma.\perp], (\perp, \Gamma, \Gamma.\Gamma))$
 $((\perp, \Gamma, \Gamma.\perp], (\perp, \Gamma, \Gamma.\neg))$
 $((\perp, \Gamma, \Gamma.\perp], (\perp, \neg, \Gamma.\perp))$
 $((\perp, \Gamma, \Gamma.\perp], (\perp, \neg, \Gamma.\Gamma))$
 $((\perp, \Gamma, \Gamma.\perp], (\perp, \neg, \Gamma.\neg))$
 $((\perp, \Gamma, \Gamma.\perp], (\perp, \perp, \Gamma.\perp])$
 $((\perp, \Gamma, \Gamma.\perp], (\perp, \perp, \Gamma.\Gamma))$
 $((\perp, \Gamma, \Gamma.\perp], (\perp, \perp, \Gamma.\neg))$
 $((\perp, \Gamma, \Gamma.\perp], (\perp, \Gamma, \Gamma.\perp])$
 $((\perp, \Gamma, \Gamma.\perp], (\perp, \Gamma, \Gamma.\Gamma))$
 $((\perp, \Gamma, \Gamma.\perp], (\perp, \Gamma, \Gamma.\neg))$
 $((\perp, \Gamma, \Gamma.\perp], (\perp, \neg, \Gamma.\perp])$
 $((\perp, \Gamma, \Gamma.\perp], (\perp, \neg, \Gamma.\Gamma))$
 $((\perp, \Gamma, \Gamma.\perp], (\perp, \neg, \Gamma.\neg))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp, \perp, \Gamma.\perp))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp, \perp, \Gamma.\Gamma))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp, \perp, \Gamma.\neg))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\perp))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\Gamma))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\neg))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp, \neg, \Gamma.\perp))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp, \neg, \Gamma.\Gamma))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp, \neg, \Gamma.\neg))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp, \perp, \Gamma.\perp])$

$((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\Gamma])$

$((\perp . \Gamma, \Gamma . \Pi], (\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \Gamma, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \Gamma, \neg . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \Gamma, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \Gamma, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \Gamma, \neg . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \Gamma, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \neg . \neg], (\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \neg . \neg], (\perp . \neg, \neg . \Gamma))$
 $((\perp . \Gamma, \neg . \neg], (\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \neg . \neg], (\perp . \Gamma, \neg . \neg))$
 $((\perp . \Gamma, \neg . \neg], (\perp . \Gamma, \neg . \Gamma))$
 $((\perp . \Gamma, \neg . \neg], (\perp . \Gamma, \neg . \neg))$

((⌊.Γ,Γ.Γ],(⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ],(⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ],(⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ],(⌊.⌊,Γ.⌊))
((⌊.Γ,Γ.Γ],(⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ],(⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ],(⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ],(⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ],(⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ],(⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ],(⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ],(⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ],⌊.⌊,Γ.⌊))
((⌊.Γ,Γ.Γ],⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ],⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ],⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ],⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ],⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ],⌊.⌊,Γ.⌊))
((⌊.Γ,Γ.Γ],⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ],⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ],⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ],⌊.Γ,Γ.⌊))

((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.⌊])
((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.⌊))
((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.⌊])
((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.Γ])
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.⌊])
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.⌊))
((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.Γ))

$([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.1, 1.1])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.7], [1.1, 1.1])$
 $([1.7, 1.7], [1.1, 1.7])$
 $([1.7, 1.7], [1.1, 1.7])$
 $([1.7, 1.7], [1.7, 1.1])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.7, 1.1])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.7, 1.1])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.1, 1.1])$
 $([1.7, 1.7], [1.1, 1.7])$
 $([1.7, 1.7], [1.1, 1.7])$

$$\begin{aligned}
& ([\perp, \perp], [\perp, \perp], (\perp, \neg, [\perp, \perp])) \\
& ([\perp, \perp], [\perp, \perp], (\perp, \neg, [\perp, \neg])) \\
& ([\perp, \perp], [\perp, \perp], (\perp, \neg, [\perp, \neg])) \\
& ([\perp, \perp], [\perp, \perp], [\perp, \perp], [\perp, \perp])) \\
& ([\perp, \perp], [\perp, \perp], [\perp, \perp], [\perp, \neg])) \\
& ([\perp, \perp], [\perp, \perp], [\perp, \perp], [\perp, \neg])) \\
& ([\perp, \perp], [\perp, \perp], [\perp, \neg, [\perp, \perp])) \\
& ([\perp, \perp], [\perp, \perp], [\perp, \neg, [\perp, \neg])) \\
& ([\perp, \perp], [\perp, \perp], [\perp, \neg, [\perp, \neg])) \\
& ([\perp, \perp], [\perp, \perp], [\perp, \neg, [\perp, \perp])) \\
& ([\perp, \perp], [\perp, \perp], [\perp, \neg, [\perp, \neg])) \\
& ([\perp, \perp], [\perp, \perp], [\perp, \neg, [\perp, \neg])) \\
& ([\perp, \perp], [\perp, \perp], [\perp, \perp], [\perp, \perp])) \\
& ([\perp, \perp], [\perp, \perp], [\perp, \perp], [\perp, \neg])) \\
& ([\perp, \perp], [\perp, \perp], [\perp, \perp], [\perp, \neg])) \\
& ([\perp, \perp], [\perp, \perp], [\perp, \neg, [\perp, \perp])) \\
& ([\perp, \perp], [\perp, \perp], [\perp, \neg, [\perp, \neg])) \\
& ([\perp, \perp], [\perp, \perp], [\perp, \neg, [\perp, \neg])) \\
& ([\perp, \perp], [\perp, \perp], [\perp, \neg, [\perp, \neg])) \\
& ([\perp, \perp], [\perp, \neg], (\perp, \perp], [\perp, \perp])) \\
& ([\perp, \perp], [\perp, \neg], (\perp, \perp], [\perp, \neg])) \\
& ([\perp, \perp], [\perp, \neg], (\perp, \perp], [\perp, \neg])) \\
& ([\perp, \perp], [\perp, \neg], (\perp, \neg, [\perp, \perp]))
\end{aligned}$$

$$([\perp \cdot \perp, \top \cdot \top], (\perp \cdot \top, \top \cdot \top))$$
$$([\perp.\perp], [\top.\top], (\perp.\top, \top.\perp))$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, (\lceil \cdot \rceil, \lfloor \cdot \rfloor))$$
$$([\perp.\perp], [\top.\top], (\perp.\top, [\top.\top]))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil, (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$([\perp.\perp], [\top.\top], ([\perp.\perp], [\top.\perp]))$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top], ([\perp.\top], [\top.\perp]))$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp]))$$
$$([\perp, \cdot], [\cdot, \top], [\perp, \cdot], [\cdot, \top])$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top]))$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp]))$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\top]))$$
$$([\perp.\perp], [\top.\top], [\perp.\perp], [\top.\top])$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$

$$([\perp.\perp], [\top.\top], [\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top, \top.\perp])$$
$$([\perp, \cdot], [\cdot, \top], [\perp, \cdot, \cdot, \top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$$
$$([\perp, \cdot], [\top, \cdot], [\perp, \cdot], [\top, \cdot])$$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top]))$$
$$([\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$$
$$([\perp.\perp, \top.\top], (\perp.\top, \top.\top))$$
$$([\perp.\perp, \top.\top], (\perp.\top, \top.\top))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\top])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top])$$
 $([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\perp])$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top])$$
 $([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top])$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top])$$

([⊥ . Γ , Γ . ⊥] , (⊥ . γ , Γ . Γ))
([⊥ . Γ , Γ . ⊥] , (⊥ . γ , Γ . γ))
([⊥ . Γ , Γ . ⊥] , (⊥ . ⊥ , Γ . ⊥))
([⊥ . Γ , Γ . ⊥] , (⊥ . ⊥ , Γ . Γ))
([⊥ . Γ , Γ . ⊥] , (⊥ . ⊥ , Γ . γ))
([⊥ . Γ , Γ . ⊥] , (⊥ . Γ , Γ . ⊥))
([⊥ . Γ , Γ . ⊥] , (⊥ . Γ , Γ . Γ))
([⊥ . Γ , Γ . ⊥] , (⊥ . Γ , Γ . γ))
([⊥ . Γ , Γ . ⊥] , (⊥ . γ , Γ . ⊥))
([⊥ . Γ , Γ . ⊥] , (⊥ . γ , Γ . Γ))
([⊥ . Γ , Γ . ⊥] , (⊥ . γ , Γ . γ))
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊥ , Γ . ⊥))
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊥ , Γ . Γ))
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊥ , Γ . γ))
([⊥ . Γ , Γ . ⊥] , [⊥ . Γ , Γ . ⊥))
([⊥ . Γ , Γ . ⊥] , [⊥ . Γ , Γ . Γ))
([⊥ . Γ , Γ . ⊥] , [⊥ . Γ , Γ . γ))
([⊥ . Γ , Γ . ⊥] , [⊥ . γ , Γ . ⊥))
([⊥ . Γ , Γ . ⊥] , [⊥ . γ , Γ . Γ))
([⊥ . Γ , Γ . ⊥] , [⊥ . γ , Γ . γ))
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊥ , Γ . ⊥))
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊥ , Γ . Γ))
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊥ , Γ . γ))
([⊥ . Γ , Γ . ⊥] , [⊥ . Γ , Γ . ⊥))
([⊥ . Γ , Γ . ⊥] , [⊥ . Γ , Γ . Γ))

([$\perp$. Γ , Γ . $\perp$], [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\perp$], [$\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . $\perp$], [$\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . $\perp$], [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ], ($\perp$. $\perp$, Γ . $\perp$))
([$\perp$. Γ , Γ . Γ], ($\perp$. $\perp$, Γ . Γ))
([$\perp$. Γ , Γ . Γ], ($\perp$. $\perp$, Γ . $\neg$))
([$\perp$. Γ , Γ . Γ], ($\perp$. Γ , Γ . $\perp$))
([$\perp$. Γ , Γ . Γ], ($\perp$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . Γ], ($\perp$. Γ , Γ . $\neg$))
([$\perp$. Γ , Γ . Γ], ($\perp$. $\neg$, Γ . $\perp$))
([$\perp$. Γ , Γ . Γ], ($\perp$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . Γ], ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . Γ], ($\perp$. $\perp$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ], ($\perp$. $\perp$, Γ . Γ])
([$\perp$. Γ , Γ . Γ], ($\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ], ($\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . Γ], ($\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . Γ], ($\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . Γ], ($\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . Γ], ($\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\perp$, Γ . $\perp$))
([$\perp$. Γ , Γ . Γ], [$\perp$. $\perp$, Γ . Γ))
([$\perp$. Γ , Γ . Γ], [$\perp$. $\perp$, Γ . $\neg$))

$([\perp, \Gamma, \Gamma, \Gamma], [\perp, \Gamma, \Gamma, \perp])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \Gamma, \Gamma, \Gamma])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \Gamma, \Gamma, \neg])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \neg, \Gamma, \perp])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \neg, \Gamma, \Gamma])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \neg, \Gamma, \neg])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \perp, \Gamma, \perp])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \perp, \Gamma, \Gamma])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \perp, \Gamma, \neg])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \Gamma, \Gamma, \perp])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \Gamma, \Gamma, \Gamma])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \Gamma, \Gamma, \neg])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \neg, \Gamma, \perp])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \neg, \Gamma, \Gamma])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \neg, \Gamma, \neg])$
 $([\perp, \Gamma, \Gamma, \neg], [\perp, \perp, \Gamma, \perp])$
 $([\perp, \Gamma, \Gamma, \neg], [\perp, \perp, \Gamma, \Gamma])$
 $([\perp, \Gamma, \Gamma, \neg], [\perp, \perp, \Gamma, \neg])$
 $([\perp, \Gamma, \Gamma, \neg], [\perp, \Gamma, \Gamma, \perp])$
 $([\perp, \Gamma, \Gamma, \neg], [\perp, \Gamma, \Gamma, \Gamma])$
 $([\perp, \Gamma, \Gamma, \neg], [\perp, \Gamma, \Gamma, \neg])$
 $([\perp, \Gamma, \Gamma, \neg], [\perp, \neg, \Gamma, \perp])$
 $([\perp, \Gamma, \Gamma, \neg], [\perp, \neg, \Gamma, \Gamma])$
 $([\perp, \Gamma, \Gamma, \neg], [\perp, \neg, \Gamma, \neg])$
 $([\perp, \Gamma, \Gamma, \neg], [\perp, \perp, \Gamma, \perp])$

[illegible]

$([1.7], [1.7], [1.1], [1.1])$
 $([1.7], [1.7], [1.1], [1.7])$
 $([1.7], [1.7], [1.1], [1.7])$
 $([1.7], [1.7], [1.7], [1.1])$
 $([1.7], [1.7], [1.7], [1.7])$
 $([1.7], [1.7], [1.7], [1.7])$
 $([1.7], [1.7], [1.7], [1.1])$
 $([1.7], [1.7], [1.7], [1.7])$
 $([1.7], [1.7], [1.7], [1.7])$
 $1.7 \rightarrow 0. ([1.7], [1.1], [1.1], [1.7])$
 $(([1.1], [1.1]), ([1.1], [1.1]))$
 $(([1.1], [1.1]), ([1.1], [1.7]))$
 $(([1.1], [1.1]), ([1.1], [1.7]))$
 $(([1.1], [1.1]), ([1.7], [1.1]))$
 $(([1.1], [1.1]), ([1.7], [1.7]))$
 $(([1.1], [1.1]), ([1.7], [1.7]))$
 $(([1.1], [1.1]), ([1.7], [1.1]))$
 $(([1.1], [1.1]), ([1.7], [1.7]))$
 $(([1.1], [1.1]), ([1.1], [1.1]))$
 $(([1.1], [1.1]), ([1.1], [1.7]))$
 $(([1.1], [1.1]), ([1.1], [1.7]))$
 $(([1.1], [1.1]), ([1.7], [1.1]))$
 $(([1.1], [1.1]), ([1.7], [1.7]))$
 $(([1.1], [1.1]), ([1.7], [1.7]))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\top), [\perp.\perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\top), [\perp.\perp, \Gamma.\top])$

$((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \perp))$

((⌊.Γ,Γ.Γ), (⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.⌊,Γ.⌊))
((⌊.Γ,Γ.Γ), (⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.⌊,Γ.⌊))
((⌊.Γ,Γ.Γ), (⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$

((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))

((⌊.Γ,Γ.⌋,⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.Γ],⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.Γ],⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.Γ],⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.Γ],⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.Γ],⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ],⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.Γ],⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.Γ],⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.Γ],⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.Γ],⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.Γ],⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.Γ],⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.Γ],⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.Γ],⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ],⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.Γ],⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.Γ],⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.Γ],⌊.⌋,Γ.⌋))

$((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \perp]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \perp]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \perp, \Gamma . \perp]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \perp, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \perp, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \perp]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \neg, (\perp . \perp, \Gamma . \perp)))$
 $((\perp . \Gamma, \Gamma . \neg, (\perp . \perp, \Gamma . \Gamma)))$
 $((\perp . \Gamma, \Gamma . \neg, (\perp . \perp, \Gamma . \neg)))$
 $((\perp . \Gamma, \Gamma . \neg, (\perp . \Gamma, \Gamma . \perp)))$
 $((\perp . \Gamma, \Gamma . \neg, (\perp . \Gamma, \Gamma . \Gamma)))$
 $((\perp . \Gamma, \Gamma . \neg, (\perp . \Gamma, \Gamma . \neg)))$
 $((\perp . \Gamma, \Gamma . \neg, (\perp . \neg, \Gamma . \perp)))$
 $((\perp . \Gamma, \Gamma . \neg, (\perp . \neg, \Gamma . \Gamma)))$
 $((\perp . \Gamma, \Gamma . \neg, (\perp . \neg, \Gamma . \neg)))$
 $((\perp . \Gamma, \Gamma . \neg, (\perp . \perp, \Gamma . \perp)))$

((⌊. ⌈, ⌈.⌈], ⌊.⌋, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌋, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊. ⌈, ⌈.⌋))
((⌊. ⌈, ⌈.⌈], ⌊. ⌈, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊. ⌈, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌈, ⌈.⌋))
((⌊. ⌈, ⌈.⌈], ⌊.⌈, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌋, ⌈.⌋))
((⌊. ⌈, ⌈.⌈], ⌊.⌋, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌋, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊. ⌈, ⌈.⌋))
((⌊. ⌈, ⌈.⌈], ⌊. ⌈, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌈, ⌈.⌋))
((⌊. ⌈, ⌈.⌈], ⌊.⌈, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌋, ⌈.⌋))
((⌊. ⌈, ⌈.⌈], ⌊.⌋, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌋, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌋, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊. ⌈, ⌈.⌋))
((⌊. ⌈, ⌈.⌈], ⌊. ⌈, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌈, ⌈.⌋))
((⌊. ⌈, ⌈.⌈], ⌊.⌈, ⌈.⌈))

[illegible]

((\ .\ , \ .\], (\ .\ , \ .\]))
((\ .\ , \ .\], (\ .\ , \ .\]))
((\ .\ , \ .\], (\ .\ , \ .\]))
((\ .\ , \ .\], (\ .\ , \ .\]))
((\ .\ , \ .\], (\ .\ , \ .\]))
((\ .\ , \ .\], [\ .\ , \ .\]))
((\ .\ , \ .\], [\ .\ , \ .\]))
((\ .\ , \ .\], [\ .\ , \ .\]))
((\ .\ , \ .\], [\ .\ , \ .\]))
((\ .\ , \ .\], [\ .\ , \ .\]))
((\ .\ , \ .\], [\ .\ , \ .\]))
((\ .\ , \ .\], [\ .\ , \ .\]))
((\ .\ , \ .\], [\ .\ , \ .\]))
((\ .\ , \ .\], [\ .\ , \ .\]))
((\ .\ , \ .\], [\ .\ , \ .\]))
((\ .\ , \ .\], [\ .\ , \ .\]))
((\ .\ , \ .\], [\ .\ , \ .\]))
((\ .\ , \ .\], [\ .\ , \ .\]))
((\ .\ , \ .\], [\ .\ , \ .\]))
((\ .\ , \ .\], [\ .\ , \ .\]))
((\ .\ , \ .\], [\ .\ , \ .\]))
((\ .\ , \ .\], [\ .\ , \ .\]))
((\ .\ , \ .\], (\ .\ , \ .\]))
((\ .\ , \ .\], (\ .\ , \ .\]))

((\text{A}, \text{A}), (\text{A}, \text{A}))
((\text{A}, \text{A}), (\text{A}, \text{B}))
((\text{A}, \text{A}), (\text{A}, \text{C}))
((\text{A}, \text{A}), (\text{A}, \text{D}))
((\text{A}, \text{A}), (\text{B}, \text{A}))
((\text{A}, \text{A}), (\text{B}, \text{C}))
((\text{A}, \text{A}), (\text{B}, \text{D}))
((\text{A}, \text{A}), (\text{C}, \text{A}))
((\text{A}, \text{A}), (\text{C}, \text{B}))
((\text{A}, \text{A}), (\text{C}, \text{C}))
((\text{A}, \text{A}), (\text{C}, \text{D}))
((\text{A}, \text{A}), (\text{D}, \text{A}))
((\text{A}, \text{A}), (\text{D}, \text{B}))
((\text{A}, \text{A}), (\text{D}, \text{C}))
((\text{A}, \text{A}), (\text{D}, \text{D}))
((\text{A}, \text{B}), (\text{A}, \text{A}))
((\text{A}, \text{B}), (\text{A}, \text{B}))
((\text{A}, \text{B}), (\text{A}, \text{C}))
((\text{A}, \text{B}), (\text{A}, \text{D}))
((\text{A}, \text{B}), (\text{B}, \text{A}))
((\text{A}, \text{B}), (\text{B}, \text{B}))
((\text{A}, \text{B}), (\text{B}, \text{C}))
((\text{A}, \text{B}), (\text{B}, \text{D}))
((\text{A}, \text{B}), (\text{C}, \text{A}))
((\text{A}, \text{B}), (\text{C}, \text{B}))
((\text{A}, \text{B}), (\text{C}, \text{C}))
((\text{A}, \text{B}), (\text{C}, \text{D}))
((\text{A}, \text{B}), (\text{D}, \text{A}))
((\text{A}, \text{B}), (\text{D}, \text{B}))
((\text{A}, \text{B}), (\text{D}, \text{C}))
((\text{A}, \text{B}), (\text{D}, \text{D}))

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$

$$([\perp.\perp, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp, \cdot], \vdash, \vdash), [\perp, \cdot], \vdash, \vdash]$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\perp]))$$
$$([\perp.\perp], \ulcorner.\lceil), [\perp.\perp], \ulcorner.\lceil))$$

([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. $\perp$, Γ . $\perp$))
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. $\perp$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. $\perp$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. Γ , Γ . $\perp$))
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. Γ , Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. Γ , Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. $\neg$, Γ . $\perp$))
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. $\perp$, Γ . $\perp$])
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$) , ($\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. $\perp$, Γ . $\perp$])
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$) , [$\perp$. Γ , Γ . $\neg$])

$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$(\llbracket \cdot \rrbracket, \vdash, \vdash), (\llbracket \cdot \rrbracket, \vdash, \vdash))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$([\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\sqcup, \sqcap, \sqcap, \sqcap], [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
 $([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$

$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil]$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
 $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$
$$([\perp.\top, \top.\top), [\perp.\perp, \top.\perp))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp]))$$
$$([\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcup, \sqcap \cdot \sqcap))$$
$$([\sqcup.\top, \top.\sqcup), [\sqcup.\sqcup, \top.\top))$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \perp])$$
$$([\perp, \top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp, \top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$(\llbracket \cdot \rrbracket, \vdash, \vdash'), (\llbracket \cdot \rrbracket, \vdash, \vdash')$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top]), [\perp, \top, \top, \perp])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil), \lceil \cdot \rceil, \lceil \cdot \rceil$$
$$([\perp, \top, \top, \top]), [\perp, \top, \top, \top])$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lfloor \cdot \rfloor)$$

$([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.1, 1.1])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.1, 1.1])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$

$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$

$([\perp, \perp], \Gamma, \perp), [\perp, \perp], \Gamma, \top)$
 $([\perp, \perp], \Gamma, \perp), [\perp, \perp], \Gamma, \neg)$
 $([\perp, \perp], \Gamma, \perp), [\perp, \top], \Gamma, \perp)$
 $([\perp, \perp], \Gamma, \perp), [\perp, \top], \Gamma, \top)$
 $([\perp, \perp], \Gamma, \perp), [\perp, \top], \Gamma, \neg)$
 $([\perp, \perp], \Gamma, \perp), [\perp, \neg], \Gamma, \perp)$
 $([\perp, \perp], \Gamma, \perp), [\perp, \neg], \Gamma, \top)$
 $([\perp, \perp], \Gamma, \perp), [\perp, \neg], \Gamma, \neg)$
 $([\perp, \perp], \Gamma, \perp), [\perp, \perp], \Gamma, \perp)$
 $([\perp, \perp], \Gamma, \perp), [\perp, \perp], \Gamma, \top)$
 $([\perp, \perp], \Gamma, \perp), [\perp, \perp], \Gamma, \neg)$
 $([\perp, \perp], \Gamma, \perp), [\perp, \top], \Gamma, \perp)$
 $([\perp, \perp], \Gamma, \perp), [\perp, \top], \Gamma, \top)$
 $([\perp, \perp], \Gamma, \perp), [\perp, \top], \Gamma, \neg)$
 $([\perp, \perp], \Gamma, \top), (\perp, \perp], \Gamma, \perp)$
 $([\perp, \perp], \Gamma, \top), (\perp, \perp], \Gamma, \top)$
 $([\perp, \perp], \Gamma, \top), (\perp, \perp], \Gamma, \neg)$
 $([\perp, \perp], \Gamma, \top), (\perp, \top], \Gamma, \perp)$
 $([\perp, \perp], \Gamma, \top), (\perp, \top], \Gamma, \top)$
 $([\perp, \perp], \Gamma, \top), (\perp, \top], \Gamma, \neg)$
 $([\perp, \perp], \Gamma, \top), (\perp, \neg], \Gamma, \perp)$
 $([\perp, \perp], \Gamma, \top), (\perp, \neg], \Gamma, \top)$

[illegible]

[illegible]

$((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$

$((\perp . \perp , \top . \top), [\perp . \top, \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top, \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top, \top . \perp])$
 $((\perp . \perp , \top . \top), [\perp . \top, \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top, \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \top), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top, \top . \perp])$
 $((\perp . \perp , \top . \top), [\perp . \top, \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top, \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top, \top . \perp])$
 $((\perp . \perp , \top . \top), [\perp . \top, \top . \top])$
 $((\perp . \top, \top . \perp), (\perp . \perp , \top . \perp))$
 $((\perp . \top, \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top, \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top, \top . \perp), (\perp . \top, \top . \perp))$
 $((\perp . \top, \top . \perp), (\perp . \top, \top . \top))$
 $((\perp . \top, \top . \perp), (\perp . \top, \top . \top))$
 $((\perp . \top, \top . \perp), (\perp . \top, \top . \perp))$
 $((\perp . \top, \top . \perp), (\perp . \top, \top . \top))$
 $((\perp . \top, \top . \perp), (\perp . \top, \top . \top))$
 $((\perp . \top, \top . \perp), (\perp . \perp , \top . \perp))$
 $((\perp . \top, \top . \perp), (\perp . \perp , \top . \top))$

$$((\sqcup, \sqcap, \sqcup, \sqcap), (\sqcup, \sqcap, \sqcup, \sqcap))$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \bot, \top \cdot \top))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), (\sqcup, \sqcap, \sqcup, \sqcap))$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \perp))$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \top))$$
$$((\sqcup \cdot \sqsupset, \sqsupset \cdot \sqsupset), (\sqcup \cdot \sqsupset, \sqsupset \cdot \sqcap))$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \bot, \top \cdot \perp))$$
$$((\perp, \top, \top, \top), (\perp, \top, \top, \top))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), (\sqcup, \sqcap, \sqcup, \sqcap))$$
$$((\sqcup \cdot \sqsupset, \sqsupset \cdot \sqsupset), (\sqcup \cdot \sqcup, \sqsupset \cdot \sqcup])$$
$$((\perp, \top, \top, \top), (\perp, \perp, \top, \top])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \perp])$$
$$((\perp, \top, \top, \top), (\perp, \top, \top, \top))$$
$$((\perp, \top, \top, \top), (\perp, \top, \top, \top])$$
$$((\lceil \cdot \rceil, \rceil \cdot \rceil), (\lceil \cdot \rceil, \rceil \cdot \rceil))$$
$$((\perp, \top, \top, \top), (\perp, \top, \top, \top))$$
$$((\perp, \top, \top, \top), (\perp, \top, \top, \top))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\sqcup \cdot \sqcup, \sqcup \cdot \sqcup), [\sqcup \cdot \sqcup, \sqcup \cdot \sqcup))$$
$$((\lceil \cdot \rceil, \rceil \cdot \rceil), [\lceil \cdot \rceil, \rceil \cdot \rceil))$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcap, \sqcap, \sqcap])$$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp . \perp , \top . \perp], [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$

$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap], [\sqcup, \sqcap, \sqcap, \sqcup])$$
$$((\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcap.\sqcap], (\sqcup, \sqcap, \sqcap.\sqcap))$$
$$((\perp \cdot \top, \top \cdot \top], (\perp \cdot \perp, \top \cdot \top))$$
$$((\perp, \top, \top, \top], (\perp, \perp, \top, \top))$$
$$((\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \perp))$$
$$((\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top))$$
$$((\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top))$$
$$((\perp.\top, \top.\top], (\perp.\top, \top.\perp))$$
$$((\sqcup, \sqcap, \sqcap.\sqcup], (\sqcup.\sqcap, \sqcap.\sqcup))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp, \top, \top, \top], (\perp, \perp, \top, \perp])$$
$$((\perp, \top, \top, \top], (\perp, \perp, \top, \top])$$
$$((\perp, \top, \top, \top], (\perp, \perp, \top, \top])$$
$$((\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \perp])$$
$$((\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top])$$

[illegible]

$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp, \top, \top, \perp]), ([\perp, \top, \top, \perp])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp, \top, \top, \perp]), ([\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$$
$$([\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \neg, \top \cdot \neg])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \perp, \top \cdot \top])$$
$$([\sqcup, \sqcap, \sqcap, \sqcup], [\sqcup, \sqcup, \sqcap, \sqcap])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
 $([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
 $([\perp.\top, \top.\perp], [\perp.\top, \top.\top])$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lfloor \cdot \rfloor))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$

([$\perp$. Γ , Γ . Γ), [$\perp$. $\perp$, Γ . Γ])
([$\perp$. Γ , Γ . Γ), [$\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ), [$\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . Γ), [$\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . Γ), [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . Γ), [$\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ), [$\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . Γ), [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\perp$, Γ . $\perp$))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\perp$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\perp$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. Γ , Γ . $\perp$))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. Γ , Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\neg$, Γ . $\perp$))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\perp$, Γ . $\perp$])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\perp$, Γ . Γ])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\neg$, Γ . Γ])

$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp.\top, \top.\top), [\perp.\perp, \top.\perp))$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp.\top, \top.\top), [\perp.\top, \top.\perp))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top), [\perp.\top, \top.\perp))$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
 $([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil]$$
 $([\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
 $([\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
 $([\perp . \neg, \neg . \perp], [\perp . \neg, \neg . \neg])$

([$\perp$], $\top$), [$\perp$], [$\top$])
([$\perp$], $\top$), [$\perp$], [$\top$])
([$\perp$], $\top$), [$\perp$], [$\perp$])
([$\perp$], $\top$), [$\perp$], [$\top$])
([$\perp$], $\top$), [$\perp$], [$\top$])
([$\perp$], [$\top$], ($\perp$], [$\perp$]))
([$\perp$], [$\top$], ($\perp$], [$\top$]))
([$\perp$], [$\top$], ($\perp$], [$\top$]))
([$\perp$], [$\top$], ($\perp$], [$\perp$]))
([$\perp$], [$\top$], ($\perp$], [$\top$]))
([$\perp$], [$\top$], ($\perp$], [$\top$]))
([$\perp$], [$\top$], ($\perp$], [$\perp$]))
([$\perp$], [$\top$], ($\perp$], [$\top$]))
([$\perp$], [$\top$], ($\perp$], [$\top$]))
([$\perp$], [$\top$], ($\perp$], [$\perp$]))
([$\perp$], [$\top$], ($\perp$], [$\top$]))
([$\perp$], [$\top$], ($\perp$], [$\perp$]))
([$\perp$], [$\top$], ($\perp$], [$\top$]))
([$\perp$], [$\top$], ($\perp$], [$\top$]))
([$\perp$], [$\top$], ($\perp$], [$\perp$]))
([$\perp$], [$\top$], ($\perp$], [$\top$]))
([$\perp$], [$\top$], ($\perp$], [$\top$]))
([$\perp$], [$\top$], ($\perp$], [$\perp$]))
([$\perp$], [$\top$], ($\perp$], [$\top$]))

$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$

$([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \Gamma}, \Gamma \cdot \perp)$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \Gamma}, \Gamma \cdot \Gamma)$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \Gamma}, \Gamma \cdot \neg)$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \neg}, \Gamma \cdot \perp)$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \neg}, \Gamma \cdot \Gamma)$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \neg}, \Gamma \cdot \neg)$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \perp}, \Gamma \cdot \perp))$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma))$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \perp}, \Gamma \cdot \neg))$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \Gamma}, \Gamma \cdot \perp))$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \Gamma}, \Gamma \cdot \Gamma))$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \Gamma}, \Gamma \cdot \neg))$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \neg}, \Gamma \cdot \perp))$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \neg}, \Gamma \cdot \Gamma))$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \neg}, \Gamma \cdot \neg))$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \perp}, \Gamma \cdot \perp)$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma)$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \perp}, \Gamma \cdot \neg)$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \Gamma}, \Gamma \cdot \perp)$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \Gamma}, \Gamma \cdot \Gamma)$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \neg}, \Gamma \cdot \perp)$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \Gamma), ([\perp]_{\cdot \neg}, \Gamma \cdot \Gamma)$
 $([\perp]_{\cdot \perp}, \Gamma \cdot \neg), ([\perp]_{\cdot \perp}, \Gamma \cdot \perp))$

([1.1], [1.7], ([1.1], [1.7]))
([1.1], [1.7], ([1.1], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.1], [1.1]))
([1.1], [1.7], ([1.1], [1.7]))
([1.1], [1.7], ([1.1], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.1], [1.1]))
([1.1], [1.7], ([1.1], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
([1.1], [1.7], ([1.7], [1.7]))

([$\perp$], [$\top$], [$\perp$], [$\top$]))
([$\perp$], [$\top$], [$\perp$], [$\perp$]))
([$\perp$], [$\top$], [$\perp$], [$\top$]))
([$\perp$], [$\top$], [$\perp$], [$\top$]))
([$\perp$], [$\top$], [$\top$], [$\perp$]))
([$\perp$], [$\top$], [$\top$], [$\top$]))
([$\perp$], [$\top$], [$\top$], [$\top$]))
([$\perp$], [$\top$], [$\perp$], [$\perp$]))
([$\perp$], [$\top$], [$\perp$], [$\top$]))
([$\perp$], [$\top$], [$\perp$], [$\top$]))
([$\top$], [$\perp$], ([$\perp$], [$\perp$]))
([$\top$], [$\perp$], ([$\perp$], [$\top$]))
([$\top$], [$\perp$], ([$\perp$], [$\top$]))
([$\top$], [$\perp$], ([$\top$], [$\perp$]))
([$\top$], [$\perp$], ([$\top$], [$\top$]))
([$\top$], [$\perp$], ([$\top$], [$\top$]))
([$\top$], [$\perp$], ([$\perp$], [$\perp$]))
([$\top$], [$\perp$], ([$\perp$], [$\top$]))
([$\top$], [$\perp$], ([$\perp$], [$\top$]))
([$\top$], [$\perp$], ([$\perp$], [$\perp$]))
([$\top$], [$\perp$], ([$\top$], [$\perp$]))
([$\top$], [$\perp$], ([$\top$], [$\top$]))
([$\top$], [$\perp$], ([$\top$], [$\top$]))

[illegible]

$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\perp]))$$
$$([\perp.\top, \top.\top], (\perp.\perp, \top.\top))$$
$$([\perp.\top, \top.\top], (\perp.\perp, \top.\top))$$
$$([\perp \cdot \top, \top \cdot \top], ([\perp \cdot \top, \top \cdot \perp]))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top))$$
$$([\perp.\top, \top.\top], (\perp.\top, \top.\top))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$([\perp.\top, \top.\top], (\perp.\top, \top.\top))$$
$$([\perp.\top, \top.\top], (\perp.\top, \top.\top))$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp, \top, \top.\top], ([\perp, \perp, \top.\top]))$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
 $([\perp, \top, \top, \top], [\perp, \top, \top, \top])$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$

[illegible]

$$\begin{aligned}
& ([\perp . \top, \top . \perp], [\perp . \top, \top . \top]) \\
& ([\perp . \top, \top . \perp], [\perp . \top, \top . \perp]) \\
& ([\perp . \top, \top . \perp], [\perp . \top, \top . \top]) \\
& ([\perp . \top, \top . \perp], [\perp . \top, \top . \top]) \\
& ([\perp . \top, \top . \top], (\perp . \perp, \top . \perp)) \\
& ([\perp . \top, \top . \top], (\perp . \perp, \top . \top)) \\
& ([\perp . \top, \top . \top], (\perp . \perp, \top . \top)) \\
& ([\perp . \top, \top . \top], (\perp . \top, \top . \perp)) \\
& ([\perp . \top, \top . \top], (\perp . \top, \top . \top)) \\
& ([\perp . \top, \top . \top], (\perp . \top, \top . \top)) \\
& ([\perp . \top, \top . \top], (\perp . \top, \top . \perp)) \\
& ([\perp . \top, \top . \top], (\perp . \top, \top . \top)) \\
& ([\perp . \top, \top . \top], (\perp . \top, \top . \top)) \\
& ([\perp . \top, \top . \top], (\perp . \perp, \top . \perp)) \\
& ([\perp . \top, \top . \top], (\perp . \perp, \top . \top)) \\
& ([\perp . \top, \top . \top], (\perp . \perp, \top . \top)) \\
& ([\perp . \top, \top . \top], (\perp . \top, \top . \perp)) \\
& ([\perp . \top, \top . \top], (\perp . \top, \top . \top)) \\
& ([\perp . \top, \top . \top], (\perp . \top, \top . \top)) \\
& ([\perp . \top, \top . \top], (\perp . \top, \top . \perp)) \\
& ([\perp . \top, \top . \top], (\perp . \top, \top . \top)) \\
& ([\perp . \top, \top . \top], (\perp . \top, \top . \top)) \\
& ([\perp . \top, \top . \top], [\perp . \perp, \top . \perp]) \\
& ([\perp . \top, \top . \top], [\perp . \perp, \top . \top]) \\
& ([\perp . \top, \top . \top], [\perp . \perp, \top . \top])
\end{aligned}$$

$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $\top.\perp \top.\top.([\perp.\top, \top.\perp], [\perp.\top, \top.\top])$
 $(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp]))$
 $(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top]))$
 $(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top]))$
 $(([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp]))$
 $(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$
 $(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$
 $(([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp]))$
 $(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$
 $(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp]))$
 $(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top]))$
 $(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top]))$
 $(([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp]))$
 $(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$
 $(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$
 $(([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp]))$
 $(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$
 $(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$
 $(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp]))$
 $(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top]))$
 $(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top]))$
 $(([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp]))$
 $(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$

$((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$

((\ .7 , 7.7),[\ .7 , 7.\]))
((\ .7 , 7.7),[\ .7 , 7.7])
((\ .7 , 7.7),[\ .7 , 7.7])
((\ .7 , 7.7),[\ .7 , 7.\]))
((\ .7 , 7.7),[\ .7 , 7.7])
((\ .7 , 7.7),[\ .7 , 7.7])
((\ .7 , 7.7),[\ .\ , 7.\])
((\ .7 , 7.7),[\ .\ , 7.7])
((\ .7 , 7.7),[\ .\ , 7.7])
((\ .7 , 7.7),[\ .7 , 7.\])
((\ .7 , 7.7),[\ .7 , 7.7])
((\ .7 , 7.7),[\ .7 , 7.7])
((\ .7 , 7.7),[\ .7 , 7.\])
((\ .7 , 7.7),[\ .7 , 7.7])
((\ .7 , 7.7),[\ .7 , 7.7])
((\ .7 , 7.7),(\ .\ , 7.\]))
((\ .7 , 7.7),(\ .\ , 7.7))
((\ .7 , 7.7),(\ .\ , 7.7))
((\ .7 , 7.7),(\ .7 , 7.\]))
((\ .7 , 7.7),(\ .7 , 7.7))
((\ .7 , 7.7),(\ .7 , 7.7))
((\ .7 , 7.7),(\ .7 , 7.\]))
((\ .7 , 7.7),(\ .7 , 7.7))
((\ .7 , 7.7),(\ .7 , 7.7))

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp])$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$

$((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$

$((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$

$((\perp, \perp, \top], (\perp, \perp, \top))$
 $((\perp, \perp, \top], (\perp, \perp, \top))$
 $((\perp, \perp, \top], (\perp, \top, \perp))$
 $((\perp, \perp, \top], (\perp, \top, \top))$
 $((\perp, \perp, \top], (\perp, \top, \top))$
 $((\perp, \perp, \top], (\top, \perp, \perp))$
 $((\perp, \perp, \top], (\top, \perp, \top))$
 $((\perp, \perp, \top], (\top, \top, \perp))$
 $((\perp, \perp, \top], (\top, \top, \top))$
 $((\perp, \perp, \top], (\perp, \perp, \perp))$
 $((\perp, \perp, \top], (\perp, \perp, \top))$
 $((\perp, \perp, \top], (\perp, \top, \perp))$
 $((\perp, \perp, \top], (\perp, \top, \top))$
 $((\perp, \perp, \top], (\top, \perp, \perp))$
 $((\perp, \perp, \top], (\top, \perp, \top))$
 $((\perp, \perp, \top], (\top, \top, \perp))$
 $((\perp, \perp, \top], (\top, \top, \top))$
 $((\perp, \perp, \top], [\perp, \perp, \perp))$
 $((\perp, \perp, \top], [\perp, \perp, \top))$
 $((\perp, \perp, \top], [\perp, \perp, \top))$
 $((\perp, \perp, \top], [\perp, \top, \perp))$
 $((\perp, \perp, \top], [\perp, \top, \top))$
 $((\perp, \perp, \top], [\top, \perp, \perp))$
 $((\perp, \perp, \top], [\top, \perp, \top))$

$((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \perp, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \top))$

((⌊.Γ,Γ.⌋,⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.⌋,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ),⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.Γ),⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.Γ),⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.Γ),⌊.Γ,Γ.⌋))

((⌊.Γ, Γ.Π, [⌊.⌋, Γ.Γ])
((⌊.Γ, Γ.Π, [⌊.Γ, Γ.⌋])
((⌊.Γ, Γ.Π, [⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Π, [⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Π, [⌊.Γ, Γ.⌋])
((⌊.Γ, Γ.Π, [⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Π, [⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], (⌊.⌋, Γ.⌋))
((⌊.Γ, Γ.Γ], (⌊.⌋, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.⌋, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌋))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌋))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.⌋, Γ.⌋])
((⌊.Γ, Γ.Γ], (⌊.⌋, Γ.Γ])
((⌊.Γ, Γ.Γ], (⌊.⌋, Γ.Γ])
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌋])
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌋])
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ])

[illegible]

$$((\lceil \cdot \rceil, \lceil \cdot \rceil], [\lfloor \cdot \rfloor, \lfloor \cdot \rfloor))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\sqcup, \top.\sqcup])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top], (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top], (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\top], (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top], (\perp.\perp, \top.\perp])$$

((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.א))
((א.ה, א.ה], [א.ה, א.ה])
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה))
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה))
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.ה, א.א))
((א.ה, א.ה], [א.ה, א.א))
((א.ה, א.ה], [א.ה, א.ה))
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.א))

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\neg, \Gamma.\perp])$

([1.1], [1.7], [1.7], [1.7])
([1.1], [1.7], [1.7], [1.1])
([1.1], [1.7], [1.7], [1.7])
([1.1], [1.7], [1.7], [1.7])
([1.1], [1.7], [1.1], [1.1])
([1.1], [1.7], [1.1], [1.7])
([1.1], [1.7], [1.1], [1.7])
([1.1], [1.7], [1.7], [1.1])
([1.1], [1.7], [1.7], [1.7])
([1.1], [1.7], [1.7], [1.7])
([1.1], [1.7], [1.7], [1.1])
([1.1], [1.7], [1.7], [1.7])
([1.1], [1.7], [1.7], [1.7])
([1.1], [1.7], [1.7], [1.1])
([1.1], [1.7], [1.7], [1.7])
([1.1], [1.7], [1.1], [1.1])
([1.1], [1.7], [1.1], [1.7])
([1.1], [1.7], [1.1], [1.7])
([1.1], [1.7], [1.7], [1.1])
([1.1], [1.7], [1.7], [1.7])
([1.1], [1.7], [1.7], [1.7])
([1.1], [1.7], [1.7], [1.1])
([1.1], [1.7], [1.7], [1.7])
([1.1], [1.7], [1.1], [1.1])
([1.1], [1.7], [1.1], [1.7])
([1.1], [1.7], [1.1], [1.7])
([1.1], [1.7], [1.1], [1.7])
([1.1], [1.7], [1.1], [1.1])
([1.1], [1.7], [1.1], [1.7])
([1.1], [1.7], [1.1], [1.7])

$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$([\perp, \top, \top, \top], ([\perp, \perp], [\top, \perp]))$$
$$([\perp, \top, \top, \top], ([\perp, \perp], [\top, \top]))$$
$$([\perp, \top, \top, \top], ([\perp, \perp], [\top, \top]))$$
$$([\perp \cdot \top, \top \cdot \top], ([\perp \cdot \top, \top \cdot \perp]))$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], (\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp]))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$([\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$([\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \bot])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$

([$\perp$. Γ , Γ . $\neg$], [$\perp$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . $\neg$], [$\perp$. Γ , Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$])
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . Γ))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\perp$. Γ , Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\perp$. Γ , Γ . Γ))
([$\neg$. $\neg$, Γ . $\neg$], ($\perp$. Γ , Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . Γ))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$])
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . Γ))

$([a, b], [c, d])$
 $([a, b], [c, e])$
 $([a, b], [c, f])$
 $([a, b], [c, g])$
 $([a, b], [d, e])$
 $([a, b], [d, f])$
 $([a, b], [d, g])$
 $([a, b], [e, f])$
 $([a, b], [e, g])$
 $([a, b], [f, g])$
 $([a, b], [h, i])$
 $([a, b], [h, j])$
 $([a, b], [h, k])$
 $([a, b], [i, j])$
 $([a, b], [i, k])$
 $([a, b], [j, k])$
 $([a, b], [l, m])$
 $([a, b], [l, n])$
 $([a, b], [l, o])$
 $([a, b], [m, n])$
 $([a, b], [m, o])$
 $([a, b], [n, o])$
 $([c, d], [e, f], [g, h])$
 $([c, d], [e, f], [i, j])$
 $([c, d], [e, f], [k, l])$

$((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\top, \Gamma.\Gamma))$

$((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp])$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$

[illegible]

$((\perp.\perp, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$

$((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\Gamma))$

((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.Γ))
 ((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.Γ))
 ((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.⌊))
 ((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.Γ))
 ((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.Γ))
 ((⌊.Γ, Γ.Γ], [⌊.⌊, Γ.⌊])
 ((⌊.Γ, Γ.Γ], [⌊.⌊, Γ.Γ])
 ((⌊.Γ, Γ.Γ], [⌊.⌊, Γ.Γ])
 ((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.⌊])
 ((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.Γ])
 ((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.Γ])
 ((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.⌊])
 ((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.Γ])
 ((⌊.Γ, Γ.Γ], [⌊.Γ, Γ.Γ])
 ((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.⌊))
 ((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.Γ))
 ((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.Γ))
 ((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.⌊))
 ((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ))
 ((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ))
 ((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.⌊))
 ((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ))
 ((⌊.Γ, Γ.⌊], (⌊.Γ, Γ.Γ))
 ((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.⌊])
 ((⌊.Γ, Γ.⌊], (⌊.⌊, Γ.Γ])

$([\perp, \perp], \Gamma, \Gamma), [\perp, \perp], \Gamma, \perp))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \perp], \Gamma, \Gamma))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \perp], \Gamma, \neg))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \Gamma, \perp))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \Gamma, \Gamma))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \Gamma, \neg))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \neg, \perp))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \neg, \Gamma))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \neg, \neg))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \perp], \Gamma, \perp])$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \perp], \Gamma, \Gamma])$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \perp], \Gamma, \neg])$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \Gamma, \perp])$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \Gamma, \Gamma])$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \Gamma, \neg])$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \neg, \perp])$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \neg, \Gamma])$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \neg, \neg])$
 $([\perp, \perp], \Gamma, \neg), (\perp, \perp], \Gamma, \perp))$
 $([\perp, \perp], \Gamma, \neg), (\perp, \perp], \Gamma, \Gamma))$
 $([\perp, \perp], \Gamma, \neg), (\perp, \perp], \Gamma, \neg))$
 $([\perp, \perp], \Gamma, \neg), (\perp, \neg, \Gamma, \perp))$
 $([\perp, \perp], \Gamma, \neg), (\perp, \neg, \Gamma, \Gamma))$
 $([\perp, \perp], \Gamma, \neg), (\perp, \neg, \Gamma, \neg))$
 $([\perp, \perp], \Gamma, \neg), (\perp, \neg, \neg, \perp))$

([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.1, 1.1])
([1.1, 1.7], [1.1, 1.7])
([1.1, 1.7], [1.1, 1.7])
([1.1, 1.7], [1.7, 1.1])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.1])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.1, 1.1])
([1.1, 1.7], [1.1, 1.7])
([1.1, 1.7], [1.1, 1.7])
([1.1, 1.7], [1.7, 1.1])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.1])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.1, 1.1])
([1.1, 1.7], [1.1, 1.7])
([1.1, 1.7], [1.1, 1.7])
([1.1, 1.7], [1.7, 1.1])
([1.1, 1.7], [1.7, 1.7])

$$([\perp.\perp], [\top.\top]), [\perp.\top, \top.\top])$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top], [\top.\perp])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rfloor), (\lceil \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$([\perp, \top, \top, \perp]), ([\perp, \perp, \top, \perp])$$
$$([\perp \cdot \top, \top \cdot \perp]), ([\perp \cdot \perp, \top \cdot \top])$$
 $([\perp, \top, \top, \perp]), ([\perp, \perp, \top, \top])$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil]$$
$$([\perp \cdot \top, \top \cdot \perp]), ([\perp \cdot \top, \top \cdot \top])$$
 $([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$ $([\perp, \top], [\top, \perp]), ([\perp, \top], [\top, \perp])$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
 $([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \perp, \top \cdot \top]))$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \perp, \top \cdot \top]))$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \perp])$$

$(\perp . \Gamma, \Gamma . \perp), (\perp . \Gamma, \Gamma . \Gamma))$
 $(\perp . \Gamma, \Gamma . \perp), (\perp . \Gamma, \Gamma . \neg))$
 $(\perp . \Gamma, \Gamma . \perp), (\perp . \neg, \Gamma . \perp))$
 $(\perp . \Gamma, \Gamma . \perp), (\perp . \neg, \Gamma . \Gamma))$
 $(\perp . \Gamma, \Gamma . \perp), (\perp . \neg, \Gamma . \neg))$
 $(\perp . \Gamma, \Gamma . \perp), (\perp . \perp, \Gamma . \perp))$
 $(\perp . \Gamma, \Gamma . \perp), (\perp . \perp, \Gamma . \Gamma))$
 $(\perp . \Gamma, \Gamma . \perp), (\perp . \perp, \Gamma . \neg))$
 $(\perp . \Gamma, \Gamma . \perp), (\perp . \Gamma, \Gamma . \perp))$
 $(\perp . \Gamma, \Gamma . \perp), (\perp . \Gamma, \Gamma . \Gamma))$
 $(\perp . \Gamma, \Gamma . \perp), (\perp . \Gamma, \Gamma . \neg))$
 $(\perp . \Gamma, \Gamma . \perp), (\perp . \neg, \Gamma . \perp))$
 $(\perp . \Gamma, \Gamma . \perp), (\perp . \neg, \Gamma . \Gamma))$
 $(\perp . \Gamma, \Gamma . \perp), (\perp . \neg, \Gamma . \neg))$
 $(\perp . \Gamma, \Gamma . \Gamma), (\perp . \perp, \Gamma . \perp))$
 $(\perp . \Gamma, \Gamma . \Gamma), (\perp . \perp, \Gamma . \Gamma))$
 $(\perp . \Gamma, \Gamma . \Gamma), (\perp . \perp, \Gamma . \neg))$
 $(\perp . \Gamma, \Gamma . \Gamma), (\perp . \Gamma, \Gamma . \perp))$
 $(\perp . \Gamma, \Gamma . \Gamma), (\perp . \Gamma, \Gamma . \Gamma))$
 $(\perp . \Gamma, \Gamma . \Gamma), (\perp . \Gamma, \Gamma . \neg))$
 $(\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \Gamma . \perp))$
 $(\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \Gamma . \Gamma))$
 $(\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \Gamma . \neg))$
 $(\perp . \Gamma, \Gamma . \Gamma), (\perp . \perp, \Gamma . \perp))$
 $(\perp . \Gamma, \Gamma . \Gamma), (\perp . \perp, \Gamma . \Gamma))$

$([1, 7], [1, 1]), ([1, 7], [1, 7])$
 $([1, 7], [1, 1]), ([1, 7], [1, 1])$
 $([1, 7], [1, 1]), ([1, 7], [1, 7])$
 $([1, 7], [1, 1]), ([1, 7], [1, 7])$
 $([1, 7], [1, 1]), ([1, 1], [1, 1])$
 $([1, 7], [1, 1]), ([1, 1], [1, 7])$
 $([1, 7], [1, 1]), ([1, 1], [1, 7])$
 $([1, 7], [1, 1]), ([1, 7], [1, 1])$
 $([1, 7], [1, 1]), ([1, 7], [1, 7])$
 $([1, 7], [1, 1]), ([1, 7], [1, 1])$
 $([1, 7], [1, 1]), ([1, 7], [1, 7])$
 $([1, 7], [1, 1]), ([1, 7], [1, 7])$
 $([1, 7], [1, 1]), ([1, 1], [1, 1])$
 $([1, 7], [1, 1]), ([1, 1], [1, 7])$
 $([1, 7], [1, 1]), ([1, 1], [1, 7])$
 $([1, 7], [1, 1]), ([1, 7], [1, 1])$
 $([1, 7], [1, 1]), ([1, 7], [1, 7])$
 $([1, 7], [1, 1]), ([1, 7], [1, 7])$
 $([1, 7], [1, 7]), ([1, 1], [1, 1])$
 $([1, 7], [1, 7]), ([1, 1], [1, 7])$
 $([1, 7], [1, 7]), ([1, 1], [1, 7])$

[illegible]

([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$]))
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$])
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . Γ))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. Γ , Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. Γ , Γ . Γ))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. Γ , Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . Γ))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . Γ])
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$])
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. Γ , Γ . $\neg$])
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. Γ , Γ . Γ])
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. Γ , Γ . $\neg$])

$([1, 7], [1, 1], [1, 7], [1, 1])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 1])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 1])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 1])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 1])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 1])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 1])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 1], [1, 1])$
 $([1, 7], [1, 7], [1, 1], [1, 7])$
 $([1, 7], [1, 7], [1, 1], [1, 7])$
 $([1, 7], [1, 7], [1, 7], [1, 1])$

$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp, \top], [\perp, \top], [\perp, \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
$$([\perp.\top, \top.\top], (\perp.\perp, \top.\perp))$$
$$([\perp.\top, \top.\top], (\perp.\perp, \top.\top))$$
 $([\perp.\top, \top.\top], (\perp.\perp, \top.\top))$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lfloor \cdot \rfloor)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
 $([\perp.\top, \top.\top], (\perp.\top, \top.\perp))$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp.\top, \top.\top], (\perp.\top, \top.\top))$$
 $([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$ $([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$ $([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
 $([\sqcup.\top, \top.\top], [\sqcup.\top, \top.\top])$ $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$ $([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$

$([1, 2], [2, 3], [1, 1], [1, 1])$

$([1, 2], [2, 3], [1, 1], [1, 2])$

$([1, 2], [2, 3], [1, 1], [1, 3])$

$([1, 2], [2, 3], [1, 2], [1, 1])$

$([1, 2], [2, 3], [1, 2], [1, 2])$

$([1, 2], [2, 3], [1, 2], [1, 3])$

$([1, 2], [2, 3], [1, 3], [1, 1])$

$([1, 2], [2, 3], [1, 3], [1, 2])$

$([1, 2], [2, 3], [1, 3], [1, 3])$

$([1, 2], [2, 3], [1, 1], [1, 1])$

$([1, 2], [2, 3], [1, 1], [1, 2])$

$([1, 2], [2, 3], [1, 1], [1, 3])$

$([1, 2], [2, 3], [1, 2], [1, 1])$

$([1, 2], [2, 3], [1, 2], [1, 2])$

$([1, 2], [2, 3], [1, 2], [1, 3])$

$([1, 2], [2, 3], [1, 3], [1, 1])$

$([1, 2], [2, 3], [1, 3], [1, 2])$

$([1, 2], [2, 3], [1, 3], [1, 3])$

$[1, 2] \vdash 4. ([1, 2], [1, 3], [1, 2], [1, 2])$

$([1, 1], [1, 1]), ([1, 1], [1, 1])$

$([1, 1], [1, 1]), ([1, 1], [1, 2])$

$([1, 1], [1, 1]), ([1, 1], [1, 3])$

$([1, 1], [1, 1]), ([1, 2], [1, 1])$

$([1, 1], [1, 1]), ([1, 2], [1, 2])$

$([1, 1], [1, 1]), ([1, 2], [1, 3])$

$((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \perp, \Gamma.\top))$

$((\perp . \Gamma, \Gamma . \Gamma), (\perp . \Gamma, \Gamma . \bot))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \Gamma . \bot))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\bot . \bot, \Gamma . \bot])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\bot . \bot, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\bot . \bot, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\bot . \Gamma, \Gamma . \bot])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\bot . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\bot . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\bot . \neg, \Gamma . \bot])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\bot . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\bot . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\bot . \bot, \Gamma . \bot])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\bot . \bot, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\bot . \bot, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\bot . \Gamma, \Gamma . \bot])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\bot . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \bot, \Gamma . \bot))$

$((\perp . \top, \top . \top), [\perp . \top, \top . \top])$

$((\perp . \top, \top . \top), [\perp . \perp, \top . \perp])$

$((\perp . \top, \top . \top), [\perp . \perp, \top . \top])$

$((\perp . \top, \top . \top), [\perp . \perp, \top . \top])$

$((\perp . \top, \top . \top), [\perp . \top, \top . \perp])$

$((\perp . \top, \top . \top), [\perp . \top, \top . \top])$

$((\perp . \top, \top . \top), [\perp . \top, \top . \top])$

$((\perp . \top, \top . \top), [\perp . \top, \top . \perp])$

$((\perp . \top, \top . \top), [\perp . \top, \top . \top])$

$((\perp . \top, \top . \top), [\perp . \top, \top . \top])$

$((\perp . \top, \top . \perp), (\perp . \perp, \top . \perp))$

$((\perp . \top, \top . \perp), (\perp . \perp, \top . \top))$

$((\perp . \top, \top . \perp), (\perp . \perp, \top . \top))$

$((\perp . \top, \top . \perp), (\perp . \top, \top . \perp))$

$((\perp . \top, \top . \perp), (\perp . \top, \top . \top))$

$((\perp . \top, \top . \perp), (\perp . \top, \top . \top))$

$((\perp . \top, \top . \perp), (\perp . \top, \top . \perp))$

$((\perp . \top, \top . \perp), (\perp . \top, \top . \top))$

$((\perp . \top, \top . \perp), (\perp . \top, \top . \top))$

$((\perp . \top, \top . \perp), (\perp . \perp, \top . \perp])$

$((\perp . \top, \top . \perp), (\perp . \perp, \top . \top])$

$((\perp . \top, \top . \perp), (\perp . \perp, \top . \top])$

$((\perp . \top, \top . \perp), (\perp . \top, \top . \perp])$

$((\perp . \top, \top . \perp), (\perp . \top, \top . \top])$

$((\perp . \top, \top . \perp), (\perp . \top, \top . \top])$

$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\sqcup, \top.\sqcup])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\sqcup, \top.\top])$$
$$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup))$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$$
$$((\sqcup.\top, \top.\sqcap), [\sqcup.\top, \top.\sqcap))$$
$$((\sqcup.\top, \top.\top), [\sqcup.\top, \top.\top))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

[illegible]

$((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \perp, \Gamma.\top])$

$((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \bot))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \bot))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \bot, \Gamma . \bot]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \bot, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \bot, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \bot]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \bot]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \bot, \Gamma . \bot]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \bot, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \bot, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \bot]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \bot]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \bot, \Gamma . \bot))$

((⌊.Γ, Γ.Γ], (⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.⌊, Γ.⌊))
((⌊.Γ, Γ.Γ], (⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.⌊, Γ.⌊))
((⌊.Γ, Γ.Γ], (⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))

$((\perp, \top, \top], [\perp, \top])$

$((\perp, \top, \top], [\perp, \perp, \top])$

$((\perp, \top, \top], [\perp, \perp, \top])$

$((\perp, \top, \top], [\perp, \perp, \top])$

$((\perp, \top, \top], [\perp, \top, \perp])$

$((\perp, \top, \top], [\perp, \top, \top])$

$((\perp, \top, \top], [\perp, \top, \top])$

$((\perp, \top, \top], [\perp, \top, \perp])$

$((\perp, \top, \top], [\perp, \top, \top])$

$((\perp, \top, \top], [\perp, \top, \top])$

$((\perp, \top, \perp], (\perp, \perp, \perp))$

$((\perp, \top, \perp], (\perp, \perp, \top))$

$((\perp, \top, \perp], (\perp, \perp, \top))$

$((\perp, \top, \perp], (\perp, \top, \perp))$

$((\perp, \top, \perp], (\perp, \top, \top))$

$((\perp, \top, \perp], (\perp, \top, \top))$

$((\perp, \top, \perp], (\perp, \top, \perp))$

$((\perp, \top, \perp], (\perp, \top, \top))$

$((\perp, \top, \perp], (\perp, \top, \top))$

$((\perp, \top, \perp], (\perp, \perp, \perp])$

$((\perp, \top, \perp], (\perp, \perp, \top])$

$((\perp, \top, \perp], (\perp, \perp, \top])$

$((\perp, \top, \perp], (\perp, \top, \perp])$

$((\perp, \top, \perp], (\perp, \top, \top])$

$((\perp, \top, \perp], (\perp, \top, \top])$

$((\perp.\top, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top], (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top], (\perp.\top, \top.\perp))$

((א.ה, ב.ב), (א.א, ב.ב))
((א.ה, ב.ב), (א.ב, ב.א))
((א.ה, ב.ב), (א.ב, ב.ב))
((א.ה, ב.ב), (א.ב, ב.ה))
((א.ה, ב.ב), (א.ה, ב.א))
((א.ה, ב.ב), (א.ה, ב.ב))
((א.ה, ב.ב), (א.ה, ב.ה))
((א.ה, ב.ה), (א.א, ב.א))
((א.ה, ב.ה), (א.א, ב.ב))
((א.ה, ב.ה), (א.א, ב.ה))
((א.ה, ב.ה), (א.ב, ב.א))
((א.ה, ב.ה), (א.ב, ב.ב))
((א.ה, ב.ה), (א.ב, ב.ה))
((א.ה, ב.ה), (א.ה, ב.א))
((א.ה, ב.ה), (א.ה, ב.ב))
((א.ה, ב.ה), (א.ה, ב.ה))
((א.ה, ב.ה), (א.א, ב.א))
((א.ה, ב.ה), (א.א, ב.ב))
((א.ה, ב.ה), (א.א, ב.ה))
((א.ה, ב.ה), (א.ב, ב.א))
((א.ה, ב.ה), (א.ב, ב.ב))
((א.ה, ב.ה), (א.ב, ב.ה))

([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\perp$, Γ . $\perp$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\perp$, Γ . Γ])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . $\perp$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . Γ))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . $\neg$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. Γ , Γ . $\perp$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . Γ) , ($\perp$. Γ , Γ . $\neg$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\neg$, Γ . $\perp$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . Γ])
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ) , ($\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . Γ) , ($\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . Γ) , ($\perp$. Γ , Γ . $\neg$])

$([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 1], [7, 1])$
 $([1, 7], [7, 7]), [1, 1], [7, 7])$
 $([1, 7], [7, 7]), [1, 1], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 1])$
 $([1, 1], [7, 1]), ([1, 1], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 1])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 1])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 1])$

[illegible]

$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp, \cdot], [\top, \cdot], [\perp, \cdot], [\top, \cdot])$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\perp, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\perp.\perp, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\perp], [\top.\top], [\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top, \top.\perp])$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$$
$$([\perp, \cdot], [\top, \cdot], [\perp, \cdot], [\top, \cdot])$$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\perp]))$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top]))$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\perp]))$$
$$([\perp.\perp, \top.\top], (\perp.\top, \top.\top))$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top]))$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\perp]))$$
$$([\perp.\perp, \top.\top], ([\perp.\top, \top.\top]))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
 $([\perp, \cdot], [\cdot, \top]), ([\perp, \cdot], [\cdot, \top])$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\perp])$$

([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.1])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.1, 1.1])
([1.1, 1.7], [1.1, 1.7])
([1.1, 1.7], [1.1, 1.7])
([1.1, 1.7], [1.7, 1.1])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.1])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.1, 1.1])
([1.1, 1.7], [1.1, 1.7])
([1.1, 1.7], [1.7, 1.1])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.1])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.7])
([1.7, 1.1], [1.1, 1.1])
([1.7, 1.1], [1.1, 1.7])

$([\perp, \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$

$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \perp, \top \cdot \perp))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \perp, \top \cdot \top))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \perp, \top \cdot \top))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil, (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$([\perp, \top, \top, \top], (\perp, \top, \top, \perp))$$
$$([\sqcup, \sqcap, \sqcap, \sqcap], [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$([\perp, \top, \top, \top], ([\perp, \perp, \top, \perp]))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \perp, \top \cdot \top))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
 $([\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top])$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$

$$([\perp, \top, \top, \top], ([\perp, \top, \top, \top]))$$
$$([\perp, \top, \top, \top], ([\perp, \top, \top, \top]))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top]))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], ([\perp, \perp, \top, \perp]))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \perp, \top \cdot \top))$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\top]))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \perp))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top))$$

$([1, 2, 3], [1, 2, 3])$
 $([1, 2, 3], [1, 3, 2])$
 $([1, 2, 3], [2, 1, 3])$
 $([1, 2, 3], [2, 3, 1])$
 $([1, 2, 3], [3, 1, 2])$
 $([1, 2, 3], [3, 2, 1])$
 $([1, 2, 3], [1, 2, 3])$
 $([1, 2, 3], [1, 3, 2])$
 $([1, 2, 3], [2, 1, 3])$
 $([1, 2, 3], [2, 3, 1])$
 $([1, 2, 3], [3, 1, 2])$
 $([1, 2, 3], [3, 2, 1])$
 $([1, 2, 3], [1, 2, 3])$
 $([1, 2, 3], [1, 3, 2])$
 $([1, 2, 3], [2, 1, 3])$
 $([1, 2, 3], [2, 3, 1])$
 $([1, 2, 3], [3, 1, 2])$
 $([1, 2, 3], [3, 2, 1])$
 $([1, 2, 3], [1, 2, 3])$
 $([1, 2, 3], [1, 3, 2])$
 $([1, 2, 3], [2, 1, 3])$
 $([1, 2, 3], [2, 3, 1])$
 $([1, 2, 3], [3, 1, 2])$
 $([1, 2, 3], [3, 2, 1])$

$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top], [\perp, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$$
$$([\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$$
 $([\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$
$$([\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$$
$$([\perp.\top, \top.\perp], (\perp.\top, \top.\top))$$
 $([\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
$$([\perp.\top, \top.\perp], ([\perp.\top, \top.\perp]))$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$$
 $([\perp, \top], [\perp, \perp], [\top, \top])$
$$([\perp.\top, \top.\perp], ([\perp.\perp, \top.\top]))$$
 $([\perp.\top, \top.\perp], [\perp.\top, \top.\perp])$ $([\perp, \top], [\perp, \top])$
$$([\perp.\top, \top.\perp], [\perp.\top, \top.\top])$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
 $([\perp.\top, \top.\perp], [\perp.\top, \top.\top])$ $([\perp.\top, \top.\perp], [\perp.\top, \top.\top])$
$$([\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$$

$([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 2], [1, 2])$
 $([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 2], [1, 2])$
 $([1, 7], [1, 7], [1, 2], [1, 7])$
 $([1, 7], [1, 7], [1, 2], [1, 7])$
 $([1, 7], [1, 7], [1, 7], [1, 2])$
 $([1, 7], [1, 7], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 7], [1, 2])$
 $([1, 7], [1, 7], [1, 7], [1, 7])$

$([1, 2], [2, 3], [1, 3, 4])$

$([1, 2], [2, 3], [1, 3, 2])$

$([1, 2], [2, 3], [1, 2, 4])$

$([1, 2], [2, 3], [1, 2, 3])$

$([1, 2], [2, 3], [1, 2, 2])$

$([1, 2], [2, 3], [1, 4, 4])$

$([1, 2], [2, 3], [1, 4, 3])$

$([1, 2], [2, 3], [1, 4, 2])$

$([1, 2], [2, 3], [1, 3, 4])$

$([1, 2], [2, 3], [1, 3, 3])$

$([1, 2], [2, 3], [1, 3, 2])$

$([1, 2], [2, 3], [1, 2, 4])$

$([1, 2], [2, 3], [1, 2, 3])$

$([1, 2], [2, 3], [1, 2, 2])$

$1, 2, 3, 4, 5, ([1, 3, 4], [1, 2, 3])$

$([1, 4, 4], [1, 4, 4])$

$([1, 4, 4], [1, 4, 3])$

$([1, 4, 4], [1, 4, 2])$

$([1, 4, 4], [1, 3, 4])$

$([1, 4, 4], [1, 3, 3])$

$([1, 4, 4], [1, 3, 2])$

$([1, 4, 4], [1, 2, 4])$

$([1, 4, 4], [1, 2, 3])$

$([1, 4, 4], [1, 2, 2])$

$([1, 4, 4], [1, 4, 4])$

((⌊ . Γ , Γ . ⌋) , [⌊ . ⌋ , Γ . ⌋])
((⌊ . Γ , Γ . ⌋) , [⌊ . ⌋ , Γ . Γ])
((⌊ . Γ , Γ . ⌋) , [⌊ . ⌋ , Γ . 7])
((⌊ . Γ , Γ . ⌋) , [⌊ . Γ , Γ . ⌋])
((⌊ . Γ , Γ . ⌋) , [⌊ . Γ , Γ . Γ])
((⌊ . Γ , Γ . ⌋) , [⌊ . Γ , Γ . 7])
((⌊ . Γ , Γ . ⌋) , [⌊ . 7 , Γ . ⌋])
((⌊ . Γ , Γ . ⌋) , [⌊ . 7 , Γ . Γ])
((⌊ . Γ , Γ . ⌋) , [⌊ . 7 , Γ . 7])
((⌊ . Γ , Γ . Γ) , (⌊ . ⌋ , Γ . ⌋))
((⌊ . Γ , Γ . Γ) , (⌊ . ⌋ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , (⌊ . ⌋ , Γ . 7))
((⌊ . Γ , Γ . Γ) , (⌊ . Γ , Γ . ⌋))
((⌊ . Γ , Γ . Γ) , (⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , (⌊ . Γ , Γ . 7))
((⌊ . Γ , Γ . Γ) , (⌊ . 7 , Γ . ⌋))
((⌊ . Γ , Γ . Γ) , (⌊ . 7 , Γ . Γ))
((⌊ . Γ , Γ . Γ) , (⌊ . 7 , Γ . 7))
((⌊ . Γ , Γ . Γ) , (⌊ . ⌋ , Γ . ⌋])
((⌊ . Γ , Γ . Γ) , (⌊ . ⌋ , Γ . Γ])
((⌊ . Γ , Γ . Γ) , (⌊ . ⌋ , Γ . 7])
((⌊ . Γ , Γ . Γ) , (⌊ . Γ , Γ . ⌋])
((⌊ . Γ , Γ . Γ) , (⌊ . Γ , Γ . Γ])
((⌊ . Γ , Γ . Γ) , (⌊ . Γ , Γ . 7])
((⌊ . Γ , Γ . Γ) , (⌊ . 7 , Γ . ⌋])

$((\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \neg . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \neg . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \neg . \Gamma))$

((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.⌊,Γ.⌊))
((⌊.Γ,Γ.Γ), (⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), (⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.⌊,Γ.⌊))
((⌊.Γ,Γ.Γ), [⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ), [⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Γ), [⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.⌊,Γ.⌊))
((⌊.Γ,Γ.Γ), [⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Γ), [⌊.⌊,Γ.Γ))

$((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\sqcup, \top.\top])$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup))$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup])$$
$$((\sqcup.\top, \top.\sqcap), [\sqcup.\top, \top.\sqcup])$$
$$((\sqcup.\top, \top.\sqcap), [\sqcup.\top, \top.\sqcap))$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\sqcup, \top.\top])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top], [\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], [\perp.\top, \top.\top))$

$((\perp, \top, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp, \top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp, \top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp, \top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp, \top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp, \top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp, \top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp, \top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp, \top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp, \top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp, \top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp, \top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp, \top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp, \top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp, \top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp, \top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp, \top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp, \top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp, \top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp, \top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp, \top, \top.\top), (\perp.\top, \top.\perp))$

$$((\perp, \top, \top, \top], (\perp, \top, \top, \top])$$
$$((\lceil \cdot \rceil, \rceil \cdot \rceil], (\lceil \cdot \rceil, \rceil \cdot \rceil])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), (\sqcup, \sqcap, \sqcup, \sqcap))$$
$$((\lceil \cdot \rceil, \rceil \cdot \rceil, [\lceil \cdot \rceil, \rceil \cdot \rceil))$$
$$((\lceil \cdot \rceil, \rceil \cdot \rceil, [\lceil \cdot \rceil, \rceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap], [\sqcup, \sqcap, \sqcap, \sqcup))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap], [\sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup \cdot \sqsupset, \sqsupset \cdot \sqsupset], [\sqcup \cdot \sqsupset, \sqsupset \cdot \sqcup])$$
$$((\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap], [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\sqcup, \sqcap, \sqcap.\sqcup], (\sqcup, \sqcup, \sqcap.\sqcap))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \perp))$$
$$((\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top))$$

$$((\perp.\top, \top.\top], (\perp.\top, \top.\top))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil], (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top], (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil], (\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil], (\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \perp])$$
$$((\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$
$$((\sqcup, \sqcap, \sqcap.\sqcap], (\sqcup, \sqcap, \sqcap.\sqcap])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], [\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$

([$\perp$. Γ , Γ . $\perp$) , [$\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . $\perp$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . Γ))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . $\neg$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. Γ , Γ . $\perp$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . Γ) , ($\perp$. Γ , Γ . $\neg$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\neg$, Γ . $\perp$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . $\perp$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . Γ))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . $\neg$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\neg$, Γ . $\perp$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\neg$, Γ . $\neg$))

([$\perp$. Γ , Γ . Γ), [$\perp$. $\perp$, Γ . Γ))
([$\perp$. Γ , Γ . Γ), [$\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ), [$\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . Γ), [$\perp$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . Γ), [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . Γ), [$\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ), [$\perp$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . Γ), [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ), [$\perp$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . Γ), [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ), [$\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . Γ), [$\perp$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . Γ), [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . Γ), [$\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ), [$\perp$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\perp$, Γ . $\perp$])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\perp$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\perp$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. Γ , Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\neg$, Γ . Γ))

([$\perp$. Γ , Γ . $\neg$) , [$\neg$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$) , [$\neg$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . $\neg$) , [$\neg$. $\neg$, Γ . $\neg$])
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. $\neg$, Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. $\neg$, Γ . Γ))
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. $\neg$, Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. Γ , Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. Γ , Γ . Γ))
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. Γ , Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. $\neg$, Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. $\neg$, Γ . Γ))
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. $\neg$, Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. $\neg$, Γ . $\neg$])
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. $\neg$, Γ . Γ])
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. $\neg$, Γ . $\neg$])
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. Γ , Γ . $\neg$])
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. Γ , Γ . Γ])
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. Γ , Γ . $\neg$])
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. $\neg$, Γ . $\neg$])
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. $\neg$, Γ . Γ])
([$\neg$. $\neg$, Γ . $\neg$) , ($\neg$. $\neg$, Γ . $\neg$])
([$\neg$. $\neg$, Γ . $\neg$) , [$\neg$. $\neg$, Γ . $\neg$])
([$\neg$. $\neg$, Γ . $\neg$) , [$\neg$. $\neg$, Γ . Γ])
([$\neg$. $\neg$, Γ . $\neg$) , [$\neg$. $\neg$, Γ . $\neg$])
([$\neg$. $\neg$, Γ . $\neg$) , [$\neg$. Γ , Γ . $\neg$])

$([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.1, 1.1])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.7], [1.1, 1.1])$
 $([1.7, 1.7], [1.1, 1.7])$
 $([1.7, 1.7], [1.1, 1.7])$
 $([1.7, 1.7], [1.7, 1.1])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.7, 1.1])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.1, 1.1])$
 $([1.7, 1.7], [1.1, 1.7])$

([$\perp$], $\top$), ($\perp$, $\top$))
([$\perp$], $\top$), ($\perp$, $\top$, $\perp$))
([$\perp$], $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$), ($\perp$, $\top$, $\perp$))
([$\perp$], $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$), ($\perp$, $\perp$, $\perp$))
([$\perp$], $\top$), ($\perp$, $\perp$, $\top$))
([$\perp$], $\top$), ($\perp$, $\perp$, $\top$))
([$\perp$], $\top$), ($\perp$, $\top$, $\perp$))
([$\perp$], $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$), ($\perp$, $\perp$, $\perp$))
([$\perp$], $\top$), ($\perp$, $\perp$, $\top$))
([$\perp$], $\top$), ($\perp$, $\perp$, $\top$))
([$\perp$], $\top$), ($\perp$, $\top$, $\perp$))
([$\perp$], $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$), ($\perp$, $\top$, $\top$))

[illegible]

$$\begin{aligned}
& ([\perp . \perp , \top . \perp], (\perp . \top , \top . \top)) \\
& ([\perp . \perp , \top . \perp], (\perp . \top , \top . \perp)) \\
& ([\perp . \perp , \top . \perp], (\perp . \top , \top . \top)) \\
& ([\perp . \perp , \top . \perp], (\perp . \top , \top . \top)) \\
& ([\perp . \perp , \top . \perp], [\perp . \perp , \top . \perp]) \\
& ([\perp . \perp , \top . \perp], [\perp . \perp , \top . \top)) \\
& ([\perp . \perp , \top . \perp], [\perp . \perp , \top . \top)) \\
& ([\perp . \perp , \top . \perp], [\perp . \top , \top . \perp)) \\
& ([\perp . \perp , \top . \perp], [\perp . \top , \top . \top)) \\
& ([\perp . \perp , \top . \perp], [\perp . \top , \top . \top)) \\
& ([\perp . \perp , \top . \perp], [\perp . \top , \top . \perp)) \\
& ([\perp . \perp , \top . \perp], [\perp . \top , \top . \top)) \\
& ([\perp . \perp , \top . \perp], [\perp . \perp , \top . \perp]) \\
& ([\perp . \perp , \top . \perp], [\perp . \perp , \top . \top)) \\
& ([\perp . \perp , \top . \perp], [\perp . \perp , \top . \top)) \\
& ([\perp . \perp , \top . \perp], [\perp . \top , \top . \perp]) \\
& ([\perp . \perp , \top . \perp], [\perp . \top , \top . \top)) \\
& ([\perp . \perp , \top . \perp], [\perp . \top , \top . \top)) \\
& ([\perp . \perp , \top . \perp], [\perp . \top , \top . \perp)) \\
& ([\perp . \perp , \top . \perp], [\perp . \top , \top . \top)) \\
& ([\perp . \perp , \top . \top], (\perp . \perp , \top . \perp)) \\
& ([\perp . \perp , \top . \top], (\perp . \perp , \top . \top)) \\
& ([\perp . \perp , \top . \top], (\perp . \perp , \top . \top))
\end{aligned}$$

([$\perp$], $\perp$, $\top$, $\top$], [$\perp$, $\perp$, $\top$, $\top$])
([$\perp$, $\perp$, $\top$, $\top$], [$\perp$, $\perp$, $\top$, $\top$])
([$\perp$, $\perp$, $\top$, $\top$], [$\perp$, $\top$, $\top$, $\perp$])
([$\perp$, $\perp$, $\top$, $\top$], [$\perp$, $\top$, $\top$, $\top$])
([$\perp$, $\perp$, $\top$, $\top$], [$\perp$, $\top$, $\top$, $\top$])
([$\perp$, $\perp$, $\top$, $\top$], [$\perp$, $\top$, $\perp$, $\perp$])
([$\perp$, $\perp$, $\top$, $\top$], [$\perp$, $\top$, $\top$, $\top$])
([$\perp$, $\perp$, $\top$, $\top$], [$\perp$, $\top$, $\top$, $\top$])
([$\perp$, $\perp$, $\top$, $\top$], ($\perp$, $\perp$, $\top$, $\perp$))
([$\perp$, $\perp$, $\top$, $\top$], ($\perp$, $\perp$, $\top$, $\top$))
([$\perp$, $\perp$, $\top$, $\top$], ($\perp$, $\perp$, $\top$, $\top$))
([$\perp$, $\perp$, $\top$, $\top$], ($\perp$, $\top$, $\top$, $\perp$))
([$\perp$, $\perp$, $\top$, $\top$], ($\perp$, $\top$, $\top$, $\top$))
([$\perp$, $\perp$, $\top$, $\top$], ($\perp$, $\top$, $\top$, $\top$))
([$\perp$, $\perp$, $\top$, $\top$], ($\perp$, $\top$, $\top$, $\perp$))
([$\perp$, $\perp$, $\top$, $\top$], ($\perp$, $\top$, $\top$, $\top$))
([$\perp$, $\perp$, $\top$, $\top$], ($\perp$, $\perp$, $\top$, $\perp$])
([$\perp$, $\perp$, $\top$, $\top$], ($\perp$, $\perp$, $\top$, $\top$])
([$\perp$, $\perp$, $\top$, $\top$], ($\perp$, $\top$, $\top$, $\perp$])
([$\perp$, $\perp$, $\top$, $\top$], ($\perp$, $\top$, $\top$, $\top$])
([$\perp$, $\perp$, $\top$, $\top$], ($\perp$, $\top$, $\top$, $\perp$])
([$\perp$, $\perp$, $\top$, $\top$], ($\perp$, $\top$, $\top$, $\top$])
([$\perp$, $\perp$, $\top$, $\top$], ($\perp$, $\top$, $\top$, $\top$])
([$\perp$, $\perp$, $\top$, $\top$], ($\perp$, $\top$, $\top$, $\perp$])
([$\perp$, $\perp$, $\top$, $\top$], ($\perp$, $\top$, $\top$, $\top$])

$$([\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$$
$$([\perp, \top, \top, \perp], (\perp, \top, \top, \perp))$$
$$([\perp.\top, \top.\perp], (\perp.\top, \top.\top))$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$$
$$([\perp.\top, \top.\perp], (\perp.\perp, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
 $([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp.\top, \top.\perp], [\perp.\top, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \perp])$$

$([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp, \neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp, \neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp, \neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\Gamma])$

([$\perp$. Γ , Γ . Γ], [$\perp$. $\perp$, Γ . $\neg$))
([$\perp$. Γ , Γ . Γ], [$\perp$. Γ , Γ . $\perp$))
([$\perp$. Γ , Γ . Γ], [$\perp$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . Γ], [$\perp$. Γ , Γ . $\neg$))
([$\perp$. Γ , Γ . Γ], [$\perp$. $\neg$, Γ . $\perp$))
([$\perp$. Γ , Γ . Γ], [$\perp$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . Γ], [$\perp$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . Γ], [$\perp$. $\perp$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\perp$, Γ . Γ])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ], [$\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . Γ], [$\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . Γ], [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], ($\perp$. $\perp$, Γ . $\perp$))
([$\perp$. Γ , Γ . $\neg$], ($\perp$. $\perp$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$], ($\perp$. $\perp$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$], ($\perp$. Γ , Γ . $\perp$))
([$\perp$. Γ , Γ . $\neg$], ($\perp$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . $\neg$], ($\perp$. Γ , Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$], ($\perp$. $\neg$, Γ . $\perp$))
([$\perp$. Γ , Γ . $\neg$], ($\perp$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$], ($\perp$. $\neg$, Γ . $\neg$))

$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\bot, \top, \top, \bot], ([\bot, \bot], [\top, \top]))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lfloor \cdot \rfloor)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp, \top, \top, \top], ([\perp, \top, \top, \top]))$$
 $([\perp, \top], [\perp, \top])$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \perp])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$1.7 \cdot 6. ([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$((\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$

$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\sqcup, \sqcup, \sqcup, \sqcup), [\sqcup, \sqcup, \sqcup, \sqcup])$$
$$((\sqcup, \sqcup, \sqcup), [\sqcup, \sqcup, \sqcup])$$
$$((\sqcup, \sqcup, \sqcup), [\sqcup, \sqcup, \sqcup])$$
$$((\sqcup, \sqcup, \sqcup), [\sqcup, \sqcup, \sqcup])$$
$$((\sqcup, \sqcup, \sqcap, \sqcap), [\sqcup, \sqcap, \sqcap, \sqcup])$$
$$((\sqcup, \sqcup, \sqcup, \sqcup), [\sqcup, \sqcup, \sqcup, \sqcup])$$
$$((\sqcup.\sqcup, \sqcap.\sqcap), [\sqcup.\sqcap, \sqcap.\sqcup])$$
$$((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$$
$$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$$
$$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$$
$$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp, \top), (\perp, \top])$$
$$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rceil])$$
$$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$

$((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$

$((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma), [\perp.\perp, \Gamma.\Gamma])$

$((\perp, \top, \top), [\perp, \top, \top])$
 $((\perp, \top, \top), [\perp, \top, \top])$
 $((\perp, \top, \perp), (\perp, \perp, \perp))$
 $((\perp, \top, \perp), (\perp, \perp, \top))$
 $((\perp, \top, \perp), (\perp, \perp, \top))$
 $((\perp, \top, \perp), (\perp, \top, \perp))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \top, \perp))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \perp, \perp))$
 $((\perp, \top, \perp), (\perp, \perp, \top))$
 $((\perp, \top, \perp), (\perp, \perp, \top))$
 $((\perp, \top, \perp), (\perp, \top, \perp))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \top, \perp))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), [\perp, \perp, \perp])$
 $((\perp, \top, \perp), [\perp, \perp, \top])$
 $((\perp, \top, \perp), [\perp, \perp, \top])$
 $((\perp, \top, \perp), [\perp, \top, \perp])$
 $((\perp, \top, \perp), [\perp, \top, \top])$

$((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp])$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$

$((\perp, \top, \top, \perp], (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \perp])$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \perp])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \perp])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp], [\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp], [\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], [\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$

$((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\Gamma))$

((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה))
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה))
((א.ה, א.ה], [א.ה, א.א))
((א.ה, א.ה], [א.ה, א.א))
((א.ה, א.ה], [א.ה, א.ה))
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.ה])
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה))
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה))
((א.ה, א.ה], [א.ה, א.א))
((א.ה, א.ה], [א.ה, א.א))

([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . Γ]
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\perp$, Γ . $\perp$))
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\perp$, Γ . Γ))
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\perp$, Γ . $\neg$))
([$\perp$. Γ , Γ . Γ) , ([$\perp$. Γ , Γ . $\perp$))
([$\perp$. Γ , Γ . Γ) , ([$\perp$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . Γ) , ([$\perp$. Γ , Γ . $\neg$))
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\neg$, Γ . $\perp$))
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\perp$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\perp$, Γ . Γ])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\perp$, Γ . Γ))
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\perp$, Γ . $\neg$))
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. Γ , Γ . Γ])

[illegible]

([$\perp$]. $\top$, $\top$. $\perp$), [$\perp$. $\top$, $\top$. $\top$])
([$\perp$. $\top$, $\top$. $\perp$), [$\perp$. $\perp$, $\top$. $\perp$])
([$\perp$. $\top$, $\top$. $\perp$), [$\perp$. $\perp$, $\top$. $\top$])
([$\perp$. $\top$, $\top$. $\perp$), [$\perp$. $\perp$, $\top$. $\top$])
([$\perp$. $\top$, $\top$. $\perp$), [$\perp$. $\top$, $\top$. $\perp$])
([$\perp$. $\top$, $\top$. $\perp$), [$\perp$. $\top$, $\top$. $\top$])
([$\perp$. $\top$, $\top$. $\perp$), [$\perp$. $\top$, $\top$. $\top$])
([$\perp$. $\top$, $\top$. $\perp$), [$\perp$. $\top$, $\top$. $\perp$])
([$\perp$. $\top$, $\top$. $\perp$), [$\perp$. $\top$, $\top$. $\top$])
([$\perp$. $\top$, $\top$. $\perp$), [$\perp$. $\top$, $\top$. $\top$])
([$\perp$. $\top$, $\top$. $\top$), ($\perp$. $\perp$, $\top$. $\perp$))
([$\perp$. $\top$, $\top$. $\top$), ($\perp$. $\perp$, $\top$. $\top$))
([$\perp$. $\top$, $\top$. $\top$), ($\perp$. $\perp$, $\top$. $\top$))
([$\perp$. $\top$, $\top$. $\top$), ($\perp$. $\top$, $\top$. $\perp$))
([$\perp$. $\top$, $\top$. $\top$), ($\perp$. $\top$, $\top$. $\top$))
([$\perp$. $\top$, $\top$. $\top$), ($\perp$. $\top$, $\top$. $\top$))
([$\perp$. $\top$, $\top$. $\top$), ($\perp$. $\top$, $\top$. $\perp$))
([$\perp$. $\top$, $\top$. $\top$), ($\perp$. $\top$, $\top$. $\top$))
([$\perp$. $\top$, $\top$. $\top$), ($\perp$. $\top$, $\top$. $\top$))
([$\perp$. $\top$, $\top$. $\top$), ($\perp$. $\perp$, $\top$. $\perp$])
([$\perp$. $\top$, $\top$. $\top$), ($\perp$. $\perp$, $\top$. $\top$])
([$\perp$. $\top$, $\top$. $\top$), ($\perp$. $\perp$, $\top$. $\top$])
([$\perp$. $\top$, $\top$. $\top$), ($\perp$. $\top$, $\top$. $\perp$])
([$\perp$. $\top$, $\top$. $\top$), ($\perp$. $\top$, $\top$. $\top$])
([$\perp$. $\top$, $\top$. $\top$), ($\perp$. $\top$, $\top$. $\top$])

$([1, 7], [7, 7]), [1, 1], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 1])$
 $([1, 1], [7, 1]), ([1, 1], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 1])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 1])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 1])$
 $([1, 1], [7, 1]), ([1, 1], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 1])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$

$([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\perp}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\perp}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\perp}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\top}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\top}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\top}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\neg}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\neg}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\neg}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\perp}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\perp}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\perp}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\top}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\top}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\top}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\neg}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\neg}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\neg}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\top}, (\perp_{\perp}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\top}, (\perp_{\perp}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\top}, (\perp_{\perp}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\top}, (\perp_{\top}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\top}, (\perp_{\top}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\top}, (\perp_{\top}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\top}, (\perp_{\neg}, \Gamma_{\perp}))$

([⊥ . Γ , Γ . ⊥] , [⊥ . γ , Γ . γ])
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . ⊥))
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . Γ))
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . γ))
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . ⊥))
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . Γ))
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . γ))
([⊥ . Γ , Γ . Γ] , (⊥ . γ , Γ . ⊥))
([⊥ . Γ , Γ . Γ] , (⊥ . γ , Γ . Γ))
([⊥ . Γ , Γ . Γ] , (⊥ . γ , Γ . γ))
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . ⊥])
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . Γ])
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . γ])
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . ⊥])
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . Γ])
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . γ])
([⊥ . Γ , Γ . Γ] , (⊥ . γ , Γ . ⊥])
([⊥ . Γ , Γ . Γ] , (⊥ . γ , Γ . Γ])
([⊥ . Γ , Γ . Γ] , (⊥ . γ , Γ . γ])
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . γ]))
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . ⊥]))
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . γ]))

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$7.7 \cdot 7.7. ([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7])$

$$((\sqcup, \sqcup, \sqcup, \sqcup), (\sqcup, \sqcup, \sqcup, \sqcup))$$
$$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$
$$((\perp.\downarrow, \uparrow.\top), (\perp.\top, \uparrow.\downarrow])$$
$$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\perp, \top.\top), (\perp.\top, \top.\top])$$
$$((\sqcup \cdot \sqcup, \sqcap \cdot \sqcap), [\sqcup \cdot \sqcup, \sqcap \cdot \sqcap])$$
$$((\sqcup \cdot \sqcup, \sqcap \cdot \sqcap), [\sqcup \cdot \sqcup, \sqcap \cdot \sqcap))$$
$$((\perp \cdot \perp, \top \cdot \top), [\perp \cdot \perp, \top \cdot \top])$$
$$((\sqcup \cdot \sqcup, \sqcap \cdot \sqcap), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup \cdot \sqcup, \sqcap \cdot \sqcap), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcap))$$
$$((\sqcup \cdot \sqcup, \sqcap \cdot \sqcap), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\perp.\perp, \top.\top), [\perp.\top, \top.\perp])$$
$$((\sqcup.\sqcup, \sqcap.\sqcap), [\sqcup.\sqcap, \sqcap.\sqcap))$$
$$((\sqcup.\sqcup, \sqcap.\sqcap), [\sqcup.\sqcap, \sqcap.\sqcup])$$
$$((\sqcup \cdot \sqcup, \sqcap \cdot \sqcap), [\sqcup \cdot \sqcup, \sqcap \cdot \sqcup])$$
$$((\sqcup \cdot \sqcup, \sqcap \cdot \sqcap), [\sqcup \cdot \sqcup, \sqcap \cdot \sqcap])$$
$$((\sqcup \cdot \sqcup, \sqcap \cdot \sqcap), [\sqcup \cdot \sqcup, \sqcap \cdot \sqcap])$$
$$((\sqcup \cdot \sqcup, \sqcap \cdot \sqcap), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup \cdot \sqcup, \sqcap \cdot \sqcap), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcap])$$

((⌊ . Γ , Γ . ⌋) , [⌊ . ⌈ , Γ . ⌈])
((⌊ . Γ , Γ . Γ) , (⌊ . ⌋ , Γ . ⌋))
((⌊ . Γ , Γ . Γ) , (⌊ . ⌋ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , (⌊ . ⌋ , Γ . ⌈))
((⌊ . Γ , Γ . Γ) , (⌊ . Γ , Γ . ⌋))
((⌊ . Γ , Γ . Γ) , (⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , (⌊ . Γ , Γ . ⌈))
((⌊ . Γ , Γ . Γ) , (⌊ . ⌈ , Γ . ⌋))
((⌊ . Γ , Γ . Γ) , (⌊ . ⌈ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , (⌊ . ⌈ , Γ . ⌈))
((⌊ . Γ , Γ . Γ) , (⌊ . ⌋ , Γ . ⌋])
((⌊ . Γ , Γ . Γ) , (⌊ . ⌋ , Γ . Γ])
((⌊ . Γ , Γ . Γ) , (⌊ . ⌋ , Γ . ⌈])
((⌊ . Γ , Γ . Γ) , (⌊ . Γ , Γ . ⌋])
((⌊ . Γ , Γ . Γ) , (⌊ . Γ , Γ . Γ])
((⌊ . Γ , Γ . Γ) , (⌊ . Γ , Γ . ⌈])
((⌊ . Γ , Γ . Γ) , (⌊ . ⌈ , Γ . ⌋])
((⌊ . Γ , Γ . Γ) , (⌊ . ⌈ , Γ . Γ])
((⌊ . Γ , Γ . Γ) , (⌊ . ⌈ , Γ . ⌈])
((⌊ . Γ , Γ . Γ) , [⌊ . ⌋ , Γ . ⌋))
((⌊ . Γ , Γ . Γ) , [⌊ . ⌋ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . ⌋ , Γ . ⌈))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . ⌋))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . ⌈))

$((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \neg])$

$$((\perp, \top, \top, \top), (\perp, \top, \top, \top])$$
$$((\perp, \top, \top, \top), (\perp, \top, \top, \top])$$
$$((\lceil \cdot \rceil, \rceil \cdot \rceil), (\lceil \cdot \rceil, \rceil \cdot \lceil \cdot \rceil))$$
$$((\lceil \cdot \rceil, \rceil \cdot \rceil), (\lceil \cdot \rceil, \rceil \cdot \rceil))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\sqcup, \sqcap, \sqcap.\sqcup), [\sqcup, \sqcup, \sqcap.\sqcup])$$
$$((\sqcup, \sqcap, \sqcap.\sqcup), [\sqcup, \sqcup], \sqcap.\sqcap))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup, \sqcap, \sqcap.\sqcup), [\sqcup, \sqcap, \sqcap.\sqcup])$$
$$((\sqcup, \sqcap, \sqcap.\sqcup), [\sqcup, \sqcap, \sqcap.\sqcup])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcap.\sqcup), [\sqcup, \sqcap, \sqcap.\sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup, \sqcap, \sqcap.\sqcap), [\sqcup, \sqcap, \sqcap.\sqcap])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$((\sqcup, \sqcap, \sqcap, \sqcup), [\sqcup, \sqcap, \sqcap, \sqcup])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$

$((\perp.\top, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\sqcup.\top, \top.\top), [\sqcup.\top, \top.\top))$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\sqcup.\top, \sqcap.\top), [\sqcup.\top, \sqcap.\top))$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\sqcup, \top.\top])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup \cdot \top, \top \cdot \sqcup), [\sqcup \cdot \top, \top \cdot \sqcup])$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup])$$
$$((\sqcup.\top, \top.\sqcap), [\sqcup.\top, \top.\sqcup])$$
$$((\sqcup.\top, \top.\sqcap), [\sqcup.\top, \top.\sqcap])$$
$$((\sqcup.\top, \top.\sqcap), [\sqcup.\top, \top.\sqcap])$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\top], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\top], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\top], [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp])$

$((\perp, \top, \top, \perp], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp], [\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp], [\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], [\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], [\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp], [\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \perp])$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \perp])$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \perp])$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$

$((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \neg.\neg])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\perp, \neg.\perp))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\perp, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\perp, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\Gamma, \neg.\perp))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\Gamma, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\Gamma, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\neg, \neg.\perp))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\neg, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\neg, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\perp, \neg.\perp])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\perp, \neg.\neg])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\perp, \neg.\neg])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\Gamma, \neg.\perp])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\Gamma, \neg.\neg])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\neg, \neg.\perp])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\neg, \neg.\neg])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\neg, \neg.\neg])$
 $((\perp . \Gamma, \Gamma.\neg], [\perp.\perp, \neg.\perp))$
 $((\perp . \Gamma, \Gamma.\neg], [\perp.\perp, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], [\perp.\perp, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], [\perp.\Gamma, \neg.\perp))$
 $((\perp . \Gamma, \Gamma.\neg], [\perp.\Gamma, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], [\perp.\Gamma, \neg.\neg))$

[illegible]

$((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp, \top, \top.\perp]), ([\perp, \top, \top.\perp])$$
$$(\lceil \cdot \rceil, \rceil \cdot \rfloor), (\lceil \cdot \rfloor, \rceil \cdot \lceil)$$
$$(\lceil \cdot \rceil, \rceil \cdot \rfloor), (\lceil \cdot \rfloor, \rceil \cdot \lceil \cdot \rceil)$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\perp), [\perp.\top, \top.\top])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \perp])$$
$$([\perp, \top, \top, \perp]), [\perp, \perp, \top, \top])$$
$$([\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp]), [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\perp], [\perp.\top, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \top], ([\perp \cdot \perp, \top \cdot \perp]))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \perp, \top \cdot \top))$$

[illegible]

$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$

$([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\perp}, \Gamma, \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\perp}, \neg \Gamma, \neg \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\perp}, \neg \Gamma, \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\perp}, \neg \Gamma, \neg \neg \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg \Gamma}, \neg \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg \Gamma}, \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg \Gamma}, \neg \neg \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\perp}, \neg \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\perp}, \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\perp}, \neg \neg \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg \Gamma}, \neg \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg \Gamma}, \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg \Gamma}, \neg \neg \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\perp}, \neg \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\perp}, \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\perp}, \neg \neg \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg \Gamma}, \neg \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg \Gamma}, \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg \Gamma}, \neg \neg \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\perp}, \neg \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\perp}, \neg \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\perp}, \neg \neg \neg \Gamma)$

([$\perp$], [$\top$], [$\perp$], [$\top$]))
 ([$\perp$], [$\top$], [$\perp$], [$\top$]))
 ([$\perp$], [$\top$], [$\perp$], [$\perp$]))
 ([$\perp$], [$\top$], [$\perp$], [$\top$]))
 ([$\perp$], [$\top$], [$\perp$], [$\top$]))
 ([$\perp$], [$\top$], [$\top$], [$\perp$]))
 ([$\perp$], [$\top$], [$\top$], [$\top$]))
 ([$\perp$], [$\top$], [$\top$], [$\top$]))
 ([$\perp$], [$\top$], [$\perp$], [$\perp$]))
 ([$\perp$], [$\top$], [$\perp$], [$\top$]))
 ([$\perp$], [$\top$], [$\perp$], [$\top$]))
 ([$\top$], [$\perp$], [$\perp$], [$\perp$]))
 ([$\top$], [$\perp$], [$\perp$], [$\top$]))
 ([$\top$], [$\perp$], [$\perp$], [$\top$]))
 ([$\top$], [$\perp$], [$\perp$], [$\perp$]))
 ([$\top$], [$\perp$], [$\perp$], [$\top$]))
 ([$\top$], [$\perp$], [$\perp$], [$\top$]))
 ([$\top$], [$\perp$], [$\perp$], [$\perp$]))
 ([$\top$], [$\perp$], [$\perp$], [$\top$]))
 ([$\top$], [$\perp$], [$\perp$], [$\top$]))
 ([$\top$], [$\perp$], [$\perp$], [$\perp$]))
 ([$\top$], [$\perp$], [$\perp$], [$\top$]))
 ([$\top$], [$\perp$], [$\top$], [$\perp$]))
 ([$\top$], [$\perp$], [$\top$], [$\top$]))

$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top, \perp], ([\perp, \top, \top, \perp]))$$
$$([\bot, \top, \top.\bot], (\bot.\top, \top.\top))$$
 $([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$$
$$([\bot \cdot \top, \top \cdot \bot], [\bot \cdot \bot, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp.\top, \top.\perp], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\top, \top.\perp], [\perp.\neg, \top.\neg])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp.\top, \top.\perp], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\perp]))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \perp, \top \cdot \top))$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\top]))$$

$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, (\lceil \cdot \rceil, \lfloor \cdot \rfloor))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \rceil \cdot \rceil, (\lceil \cdot \neg, \rceil \cdot \lceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$([\perp.\top, \top.\top], ([\perp.\top, \top.\top]))$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\perp]))$$
$$([\perp, \top, \top, \top], ([\perp, \perp], [\top, \top]))$$
$$([\perp, \top, \top, \top], ([\perp, \perp], [\top, \top]))$$
$$([\perp \cdot \top, \top \cdot \top], ([\perp \cdot \top, \top \cdot \perp]))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top])$$
$$([\sqcup, \sqcap, \sqcap, \sqcap], [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\sqcup, \sqcap, \sqcap, \sqcap], [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \bot]))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$([\sqcup, \sqcap, \sqcap, \sqcup], [\sqcup, \sqcap, \sqcap, \sqcup])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\sqcup, \sqcap, \sqcap, \sqcup], [\sqcup, \sqcap, \sqcap, \sqcup])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$([\sqcup, \sqcap, \sqcap, \sqcup], [\sqcup, \sqcap, \sqcap, \sqcup])$$

$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \bot])$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\perp]))$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\top, \top.\top], (\perp.\perp, \top.\top))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
 $([\perp, \top, \top.\top], (\perp.\perp, \top.\perp])$ $([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$ $([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$ $([\perp, \top, \top, \top], (\perp, \top, \top, \top))$ $([\perp, \top, \top, \top], [\perp, \top, \top, \top])$ $([\perp, \top, \top, \top], [\perp, \top, \top, \top])$ $([\perp, \top, \top, \top], (\perp, \top, \top, \top))$ $([\perp, \top, \top, \top], (\perp, \top, \top, \top))$

$([1, 2, 3], [1, 2, 3])$
 $([1, 2, 3], [1, 2, 4])$
 $([1, 2, 3], [1, 2, 5])$
 $([1, 2, 3], [1, 2, 6])$
 $([1, 2, 3], [1, 3, 4])$
 $([1, 2, 3], [1, 3, 5])$
 $([1, 2, 3], [1, 3, 6])$
 $([1, 2, 3], [1, 4, 5])$
 $([1, 2, 3], [1, 4, 6])$
 $([1, 2, 3], [1, 5, 6])$
 $([1, 2, 3], [2, 3, 4])$
 $([1, 2, 3], [2, 3, 5])$
 $([1, 2, 3], [2, 3, 6])$
 $([1, 2, 3], [2, 4, 5])$
 $([1, 2, 3], [2, 4, 6])$
 $([1, 2, 3], [2, 5, 6])$
 $([1, 2, 3], [3, 4, 5])$
 $([1, 2, 3], [3, 4, 6])$
 $([1, 2, 3], [3, 5, 6])$
 $([1, 2, 3], [4, 5, 6])$
 $([1, 4, 5], [1, 2, 3])$
 $([1, 4, 5], [1, 2, 4])$
 $([1, 4, 5], [1, 2, 5])$
 $([1, 4, 5], [1, 2, 6])$
 $([1, 4, 5], [1, 3, 4])$
 $([1, 4, 5], [1, 3, 5])$
 $([1, 4, 5], [1, 3, 6])$
 $([1, 4, 5], [1, 4, 6])$
 $([1, 4, 5], [2, 3, 4])$
 $([1, 4, 5], [2, 3, 5])$
 $([1, 4, 5], [2, 3, 6])$
 $([1, 4, 5], [2, 4, 6])$
 $([1, 4, 5], [2, 5, 6])$
 $([1, 4, 5], [3, 4, 5])$
 $([1, 4, 5], [3, 4, 6])$
 $([1, 4, 5], [3, 5, 6])$
 $([1, 4, 5], [4, 5, 6])$
 $([1, 5, 6], [1, 2, 3])$
 $([1, 5, 6], [1, 2, 4])$
 $([1, 5, 6], [1, 2, 5])$
 $([1, 5, 6], [1, 2, 6])$
 $([1, 5, 6], [1, 3, 4])$
 $([1, 5, 6], [1, 3, 5])$
 $([1, 5, 6], [1, 3, 6])$
 $([1, 5, 6], [1, 4, 5])$
 $([1, 5, 6], [1, 4, 6])$
 $([1, 5, 6], [2, 3, 4])$
 $([1, 5, 6], [2, 3, 5])$
 $([1, 5, 6], [2, 3, 6])$
 $([1, 5, 6], [2, 4, 5])$
 $([1, 5, 6], [2, 4, 6])$
 $([1, 5, 6], [2, 5, 6])$
 $([1, 5, 6], [3, 4, 5])$
 $([1, 5, 6], [3, 4, 6])$
 $([1, 5, 6], [3, 5, 6])$
 $([1, 5, 6], [4, 5, 6])$
 $([2, 3, 4], [1, 2, 3])$
 $([2, 3, 4], [1, 2, 4])$
 $([2, 3, 4], [1, 2, 5])$
 $([2, 3, 4], [1, 2, 6])$
 $([2, 3, 4], [1, 3, 4])$
 $([2, 3, 4], [1, 3, 5])$
 $([2, 3, 4], [1, 3, 6])$
 $([2, 3, 4], [1, 4, 5])$
 $([2, 3, 4], [1, 4, 6])$
 $([2, 3, 4], [2, 4, 5])$
 $([2, 3, 4], [2, 4, 6])$
 $([2, 3, 4], [2, 5, 6])$
 $([2, 3, 4], [3, 4, 5])$
 $([2, 3, 4], [3, 4, 6])$
 $([2, 3, 4], [3, 5, 6])$
 $([2, 3, 4], [4, 5, 6])$
 $([2, 4, 5], [1, 2, 3])$
 $([2, 4, 5], [1, 2, 4])$
 $([2, 4, 5], [1, 2, 5])$
 $([2, 4, 5], [1, 2, 6])$
 $([2, 4, 5], [1, 3, 4])$
 $([2, 4, 5], [1, 3, 5])$
 $([2, 4, 5], [1, 3, 6])$
 $([2, 4, 5], [1, 4, 5])$
 $([2, 4, 5], [1, 4, 6])$
 $([2, 4, 5], [2, 4, 6])$
 $([2, 4, 5], [2, 5, 6])$
 $([2, 4, 5], [3, 4, 5])$
 $([2, 4, 5], [3, 4, 6])$
 $([2, 4, 5], [3, 5, 6])$
 $([2, 4, 5], [4, 5, 6])$
 $([2, 5, 6], [1, 2, 3])$
 $([2, 5, 6], [1, 2, 4])$
 $([2, 5, 6], [1, 2, 5])$
 $([2, 5, 6], [1, 2, 6])$
 $([2, 5, 6], [1, 3, 4])$
 $([2, 5, 6], [1, 3, 5])$
 $([2, 5, 6], [1, 3, 6])$
 $([2, 5, 6], [1, 4, 5])$
 $([2, 5, 6], [1, 4, 6])$
 $([2, 5, 6], [2, 4, 5])$
 $([2, 5, 6], [2, 4, 6])$
 $([2, 5, 6], [2, 5, 6])$
 $([2, 5, 6], [3, 4, 5])$
 $([2, 5, 6], [3, 4, 6])$
 $([2, 5, 6], [3, 5, 6])$
 $([2, 5, 6], [4, 5, 6])$
 $([3, 4, 5], [1, 2, 3])$
 $([3, 4, 5], [1, 2, 4])$
 $([3, 4, 5], [1, 2, 5])$
 $([3, 4, 5], [1, 2, 6])$
 $([3, 4, 5], [1, 3, 4])$
 $([3, 4, 5], [1, 3, 5])$
 $([3, 4, 5], [1, 3, 6])$
 $([3, 4, 5], [1, 4, 5])$
 $([3, 4, 5], [1, 4, 6])$
 $([3, 4, 5], [2, 4, 5])$
 $([3, 4, 5], [2, 4, 6])$
 $([3, 4, 5], [2, 5, 6])$
 $([3, 4, 5], [3, 4, 5])$
 $([3, 4, 5], [3, 4, 6])$
 $([3, 4, 5], [3, 5, 6])$
 $([3, 4, 5], [4, 5, 6])$
 $([4, 5, 6], [1, 2, 3])$
 $([4, 5, 6], [1, 2, 4])$
 $([4, 5, 6], [1, 2, 5])$
 $([4, 5, 6], [1, 2, 6])$
 $([4, 5, 6], [1, 3, 4])$
 $([4, 5, 6], [1, 3, 5])$
 $([4, 5, 6], [1, 3, 6])$
 $([4, 5, 6], [1, 4, 5])$
 $([4, 5, 6], [1, 4, 6])$
 $([4, 5, 6], [2, 4, 5])$
 $([4, 5, 6], [2, 4, 6])$
 $([4, 5, 6], [2, 5, 6])$
 $([4, 5, 6], [3, 4, 5])$
 $([4, 5, 6], [3, 4, 6])$
 $([4, 5, 6], [3, 5, 6])$
 $([4, 5, 6], [4, 5, 6])$

$([1, 7], [1, 1], [1, 7], [1, 1])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 1])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 1])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 1])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 1])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 1])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 1])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 1])$

$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$\neg \cdot \neg 8. ((\neg \cdot \neg, \neg \cdot \neg), (\neg \cdot \neg, \neg \cdot \neg))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$$
$$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rceil))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rceil])$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top])$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp])$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$

$((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\perp, \top.\perp])$

$((\perp.\perp, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$

$((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp])$

$((\perp.\top, \top.\perp), (\perp.\perp, \top.\top])$

$((\perp.\top, \top.\perp), (\perp.\perp, \top.\top])$

$((\perp.\top, \top.\perp), (\perp.\top, \top.\perp])$

$((\perp.\top, \top.\perp), (\perp.\top, \top.\top])$

$((\perp . \Gamma, \Gamma.\perp), (\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \perp, \Gamma.\neg))$

$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \perp))$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \top))$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), (\sqcup, \sqcap, \sqcap, \sqcap))$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), (\sqcup, \sqcap, \sqcap, \sqcap))$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \bot, \top \cdot \top))$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), (\sqcup, \sqcap, \sqcap, \sqcap))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), (\sqcup, \sqcap, \sqcup, \sqcap))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), (\sqcup, \sqcap, \sqcup, \sqcap))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), (\sqcup, \sqcap, \sqcup, \sqcap))$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \perp])$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \top])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil \downarrow))$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \bot, \top \cdot \perp])$$
$$((\perp, \top, \top, \top), (\perp, \top, \top, \top))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), (\sqcup, \sqcap, \sqcup, \sqcap))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcup, \sqcap, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup \cdot \sqcup, \sqcup \cdot \sqcup), [\sqcup \cdot \sqcup, \sqcup \cdot \sqcup])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\lceil \cdot \rceil, \rceil \cdot \rceil), [\lceil \cdot \rceil, \rceil \cdot \rceil))$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcup, \sqcap, \sqcup])$$

$((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma])$

((\ .7 , \ .7), (\ .\ , \ .\])
((\ .7 , \ .7), (\ .\ , \ .\])
((\ .7 , \ .7), (\ .\ , \ .7])
((\ .7 , \ .7), (\ .\ , \ .\])
((\ .7 , \ .7), (\ .\ , \ .\])
((\ .7 , \ .7), (\ .\ , \ .7])
((\ .7 , \ .7), (\ .7 , \ .\])
((\ .7 , \ .7), (\ .7 , \ .\])
((\ .7 , \ .7), (\ .7 , \ .7])
((\ .7 , \ .7), [\ .\ , \ .\))
((\ .7 , \ .7), [\ .\ , \ .\))
((\ .7 , \ .7), [\ .\ , \ .7))
((\ .7 , \ .7), [\ .\ , \ .\))
((\ .7 , \ .7), [\ .\ , \ .\))
((\ .7 , \ .7), [\ .\ , \ .7))
((\ .7 , \ .7), [\ .\ , \ .\))
((\ .7 , \ .7), [\ .\ , \ .\))
((\ .7 , \ .7), [\ .\ , \ .\))
((\ .7 , \ .7), [\ .\ , \ .\])
((\ .7 , \ .7), [\ .\ , \ .\])
((\ .7 , \ .7), [\ .\ , \ .7])
((\ .7 , \ .7), [\ .\ , \ .\])
((\ .7 , \ .7), [\ .\ , \ .\])
((\ .7 , \ .7), [\ .\ , \ .7])

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$

$((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top])$

[illegible]

$((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \bot)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \Gamma)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \neg)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \bot)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \Gamma)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \neg)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \bot, \Gamma . \bot)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \bot, \Gamma . \Gamma)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \bot, \Gamma . \neg)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \bot)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \Gamma)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \neg)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \bot)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \Gamma)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \neg)))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \bot, \Gamma . \bot]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \bot, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \bot, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \bot]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \bot]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \bot, \Gamma . \bot]))$

$((\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp])$

((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.ה])
((א.ה, א.ה], [א.א, א.א]))
((א.ה, א.ה], [א.א, א.א]))
((א.ה, א.ה], [א.א, א.ה]))
((א.ה, א.ה], [א.א, א.א]))
((א.ה, א.ה], [א.א, א.ה]))
((א.ה, א.ה], [א.א, א.א]))
((א.ה, א.ה], [א.ה, א.א]))
((א.ה, א.ה], [א.ה, א.א]))
((א.ה, א.ה], [א.ה, א.ה]))
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.ה, א.א])

$([\perp] . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $([\perp] . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $([\perp] . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $([\perp] . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $([\perp] . \perp , \top . \perp), [\perp . \perp , \top . \perp])$
 $([\perp] . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $([\perp] . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $([\perp] . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $([\perp] . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $([\perp] . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $([\perp] . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $([\perp] . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $([\perp] . \perp , \top . \top), (\perp . \perp , \top . \top)$
 $([\perp] . \perp , \top . \top), (\perp . \perp , \top . \top)$
 $([\perp] . \perp , \top . \top), (\perp . \top , \top . \perp)$
 $([\perp] . \perp , \top . \top), (\perp . \top , \top . \top)$
 $([\perp] . \perp , \top . \top), (\perp . \top , \top . \top)$
 $([\perp] . \perp , \top . \top), (\perp . \top , \top . \perp)$
 $([\perp] . \perp , \top . \top), (\perp . \top , \top . \top)$
 $([\perp] . \perp , \top . \top), (\perp . \top , \top . \top)$
 $([\perp] . \perp , \top . \top), (\perp . \perp , \top . \perp)$
 $([\perp] . \perp , \top . \top), (\perp . \perp , \top . \top)$
 $([\perp] . \perp , \top . \top), (\perp . \perp , \top . \top)$
 $([\perp] . \perp , \top . \top), (\perp . \perp , \top . \top)$

$([1]_-, [1]_-, [1]_+)$, $([1]_-, [1]_-, [1]_+)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_-, [1]_+, [1]_-)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_-, [1]_+, [1]_+)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_-, [1]_+, [1]_+)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_+, [1]_-, [1]_-)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_+, [1]_-, [1]_+)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_+, [1]_+, [1]_-)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_+, [1]_+, [1]_-)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_+, [1]_+, [1]_+)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_+, [1]_-, [1]_-)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_+, [1]_-, [1]_+)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_+, [1]_+, [1]_-)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_+, [1]_+, [1]_+)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_+, [1]_-, [1]_-)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_+, [1]_-, [1]_+)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_+, [1]_+, [1]_-)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_+, [1]_+, [1]_+)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_+, [1]_-, [1]_-)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_+, [1]_-, [1]_+)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_+, [1]_+, [1]_-)$
 $([1]_-, [1]_-, [1]_+)$, $([1]_+, [1]_+, [1]_+)$

([$\perp$], $\top$), ($\top$, $\top$))
([$\perp$], $\top$), ([$\perp$], $\perp$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\perp$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\perp$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\perp$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\perp$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\perp$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\perp$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\top$))
([$\perp$], $\top$), ([$\perp$], $\perp$))
([$\perp$], $\top$), ([$\perp$], $\top$))

$([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 1])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 1])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 1])$

$([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg}, \Gamma, \neg)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg}, \Gamma, \Gamma)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg}, \Gamma, \neg)$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg}, \Gamma, \neg))$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg}, \Gamma, \Gamma))$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg}, \Gamma, \neg))$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg}, \Gamma, \neg))$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg}, \Gamma, \Gamma))$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg}, \Gamma, \neg))$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg}, \Gamma, \neg))$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg}, \Gamma, \neg))$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg}, \Gamma, \neg))$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg}, \Gamma, \neg))$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg}, \Gamma, \neg))$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg}, \Gamma, \neg))$
 $([\perp]_{\perp}, \Gamma, \Gamma), ([\perp]_{\neg}, \Gamma, \neg))$
 $([\perp]_{\perp}, \Gamma, \neg), ([\perp]_{\neg}, \Gamma, \neg))$
 $([\perp]_{\perp}, \Gamma, \neg), ([\perp]_{\neg}, \Gamma, \Gamma))$
 $([\perp]_{\perp}, \Gamma, \neg), ([\perp]_{\neg}, \Gamma, \neg))$
 $([\perp]_{\perp}, \Gamma, \neg), ([\perp]_{\neg}, \Gamma, \neg))$

$$([\perp, \cdot], [\cdot, \top], [\perp, \cdot], [\cdot, \top])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top, \top.\perp])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top, \top.\top])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top, \top.\top])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top], [\top.\top])$$
$$([\perp \cdot \top, \top \cdot \perp], (\perp \cdot \perp, \top \cdot \top))$$
$$([\perp \cdot \top, \top \cdot \perp], (\perp \cdot \perp, \top \cdot \top))$$
$$([\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$$
$$([\perp \cdot \top, \top \cdot \perp], (\perp \cdot \top, \top \cdot \perp))$$
$$([\perp \cdot \Gamma, \Gamma \cdot \perp], (\perp \cdot \Gamma, \Gamma \cdot \Gamma))$$
$$([\perp \cdot \top, \top \cdot \perp], (\perp \cdot \top, \top \cdot \top))$$
$$([\perp, \top, \top, \perp], ([\perp, \top, \top, \perp]))$$
$$([\perp, \top, \top, \perp], (\perp, \top, \top, \perp))$$
$$([\perp.\top, \top.\perp], (\perp.\top, \top.\top))$$
$$([\perp \cdot \top, \top \cdot \perp], (\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], (\perp \cdot \perp, \top \cdot \top))$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
 $([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$

$([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\perp))$

[illegible]

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top])$

((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))

$((\perp, \perp), (\top, \top))$

$((\perp, \perp), (\perp, \top, \top))$

$((\perp, \perp), (\perp, \top, \top))$

$((\perp, \perp), (\perp, \top, \top))$

$((\perp, \perp), (\perp, \top, \top))$

$((\perp, \perp), (\perp, \top, \top))$

$((\perp, \perp), (\perp, \top, \top))$

$((\perp, \top, \top), (\perp, \perp, \top))$

$((\perp, \top, \top), (\perp, \perp, \top))$

$((\perp, \top, \top), (\perp, \perp, \top))$

$((\perp, \top, \top), (\perp, \top, \top))$

$((\perp, \top, \top), (\perp, \top, \top))$

$((\perp, \top, \top), (\perp, \top, \top))$

$((\perp, \top, \top), (\perp, \top, \top))$

$((\perp, \top, \top), (\perp, \top, \top))$

$((\perp, \top, \top), (\perp, \top, \top))$

$((\perp, \top, \top), (\perp, \perp, \top))$

$((\perp, \top, \top), (\perp, \perp, \top))$

$((\perp, \top, \top), (\perp, \perp, \top))$

$((\perp, \top, \top), (\perp, \top, \top))$

$((\perp, \top, \top), (\perp, \top, \top))$

$((\perp, \top, \top), (\perp, \top, \top))$

$((\perp, \top, \top), (\perp, \top, \top))$

$((\perp, \top, \top), (\perp, \top, \top))$

$((\perp, \top, \top), (\perp, \top, \top))$

$((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\Gamma])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\neg])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp \cdot \Gamma, \Gamma.\perp])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp \cdot \Gamma, \Gamma.\Gamma])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp \cdot \Gamma, \Gamma.\neg])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\Gamma])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\Gamma])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\neg])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp \cdot \Gamma, \Gamma.\perp])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp \cdot \Gamma, \Gamma.\Gamma])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp \cdot \Gamma, \Gamma.\neg])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\Gamma])$
 $((\perp \cdot \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp \cdot \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp))$
 $((\perp \cdot \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma))$
 $((\perp \cdot \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\neg))$
 $((\perp \cdot \Gamma, \Gamma.\Gamma), (\perp \cdot \Gamma, \Gamma.\perp))$
 $((\perp \cdot \Gamma, \Gamma.\Gamma), (\perp \cdot \Gamma, \Gamma.\Gamma))$
 $((\perp \cdot \Gamma, \Gamma.\Gamma), (\perp \cdot \Gamma, \Gamma.\neg))$
 $((\perp \cdot \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\perp))$

((⌊ . Γ , Γ . Γ), (⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ), (⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ), (⌊ . ⌊ , Γ . ⌊))
((⌊ . Γ , Γ . Γ), (⌊ . ⌊ , Γ . Γ))
((⌊ . Γ , Γ . Γ), (⌊ . ⌊ , Γ . Γ))
((⌊ . Γ , Γ . Γ), (⌊ . Γ , Γ . ⌊))
((⌊ . Γ , Γ . Γ), (⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ), (⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ), (⌊ . Γ , Γ . ⌊))
((⌊ . Γ , Γ . Γ), (⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ), (⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ), (⌊ . ⌊ , Γ . ⌊))
((⌊ . Γ , Γ . Γ), (⌊ . ⌊ , Γ . Γ))
((⌊ . Γ , Γ . Γ), (⌊ . ⌊ , Γ . Γ))
((⌊ . Γ , Γ . Γ), (⌊ . Γ , Γ . ⌊))
((⌊ . Γ , Γ . Γ), (⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ), (⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ), (⌊ . ⌊ , Γ . ⌊))
((⌊ . Γ , Γ . Γ), (⌊ . ⌊ , Γ . Γ))
((⌊ . Γ , Γ . Γ), (⌊ . ⌊ , Γ . Γ))
((⌊ . Γ , Γ . Γ), (⌊ . ⌊ , Γ . Γ))
((⌊ . Γ , Γ . Γ), (⌊ . Γ , Γ . ⌊))
((⌊ . Γ , Γ . Γ), (⌊ . Γ , Γ . Γ))

$((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

[illegible]

$((\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$

$((\perp, \perp, \top, \top), (\perp, \perp, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \perp, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \perp, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \top, \perp, \perp), (\perp, \perp, \perp, \perp))$
 $((\perp, \top, \perp, \perp), (\perp, \perp, \top, \top))$
 $((\perp, \top, \perp, \perp), (\perp, \perp, \top, \top))$
 $((\perp, \top, \perp, \perp), (\perp, \top, \perp, \perp))$
 $((\perp, \top, \perp, \perp), (\perp, \top, \top, \top))$
 $((\perp, \top, \perp, \perp), (\perp, \top, \top, \top))$
 $((\perp, \top, \perp, \perp), (\perp, \top, \perp, \perp))$
 $((\perp, \top, \perp, \perp), (\perp, \top, \top, \top))$
 $((\perp, \top, \perp, \perp), (\perp, \top, \top, \top))$
 $((\perp, \top, \perp, \perp), (\perp, \perp, \perp, \perp))$
 $((\perp, \top, \perp, \perp), (\perp, \perp, \top, \top))$
 $((\perp, \top, \perp, \perp), (\perp, \top, \perp, \perp))$
 $((\perp, \top, \perp, \perp), (\perp, \top, \top, \top))$
 $((\perp, \top, \perp, \perp), (\perp, \top, \top, \top))$
 $((\perp, \top, \perp, \perp), (\perp, \top, \perp, \perp))$
 $((\perp, \top, \perp, \perp), (\perp, \top, \top, \top))$

$((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\perp))$

$((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Gamma]))$

((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], ⌊.⌊, Γ.⌊])
((⌊.Γ, Γ.Γ], ⌊.⌊, Γ.Γ])
((⌊.Γ, Γ.Γ], ⌊.⌊, Γ.Γ])
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.⌊])
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.⌊])
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.⌊], ⌊.⌊, Γ.⌊))
((⌊.Γ, Γ.⌊], ⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.⌊], ⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.⌊], ⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.⌊], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], ⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.⌊], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], ⌊.⌊, Γ.⌊])

[illegible]

$([\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $([\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma])$
 $([\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg])$
 $([\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp])$
 $([\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma])$
 $([\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg])$
 $([\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\perp])$
 $([\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\Gamma])$
 $([\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\neg])$
 $([\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $([\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma])$
 $([\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg])$
 $([\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp])$
 $([\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma])$
 $([\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg])$
 $([\perp . \Gamma, \Gamma.\Gamma], [\perp . \perp, \Gamma.\perp])$
 $([\perp . \Gamma, \Gamma.\Gamma], [\perp . \perp, \Gamma.\Gamma])$
 $([\perp . \Gamma, \Gamma.\Gamma], [\perp . \perp, \Gamma.\neg])$
 $([\perp . \Gamma, \Gamma.\Gamma], [\perp . \Gamma, \Gamma.\perp])$
 $([\perp . \Gamma, \Gamma.\Gamma], [\perp . \Gamma, \Gamma.\Gamma])$
 $([\perp . \Gamma, \Gamma.\Gamma], [\perp . \Gamma, \Gamma.\neg])$
 $([\perp . \Gamma, \Gamma.\Gamma], [\perp . \neg, \Gamma.\perp])$
 $([\perp . \Gamma, \Gamma.\Gamma], [\perp . \neg, \Gamma.\Gamma])$
 $([\perp . \Gamma, \Gamma.\Gamma], [\perp . \neg, \Gamma.\neg])$
 $([\perp . \Gamma, \Gamma.\Gamma], [\perp . \perp, \Gamma.\perp])$

$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp \cdot \top, \top \cdot \top], ([\perp \cdot \perp, \top \cdot \top]))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \rceil \cdot \rceil), (\lceil \cdot \rfloor, \rceil \cdot \rfloor)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
 $([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \bot])$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top), [\perp \cdot \top, \top \cdot \perp])$$
$$(\llbracket \cdot \rrbracket, \vdash, \vdash), (\llbracket \cdot \rrbracket, \vdash, \vdash))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp])$$
$$([\sqcup, \sqcap, \sqcap, \sqcup], [\sqcup, \sqcap, \sqcap, \sqcup])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \top])$$

$([\perp . \perp , \top . \perp], (\perp . \top , \top . \top))$
 $([\perp . \perp , \top . \perp], (\perp . \top , \top . \perp))$
 $([\perp . \perp , \top . \perp], (\perp . \top , \top . \top))$
 $([\perp . \perp , \top . \perp], (\perp . \top , \top . \top))$
 $([\perp . \perp , \top . \perp], (\perp . \perp , \top . \perp))$
 $([\perp . \perp , \top . \perp], (\perp . \perp , \top . \top))$
 $([\perp . \perp , \top . \perp], (\perp . \perp , \top . \top))$
 $([\perp . \perp , \top . \perp], (\perp . \top , \top . \perp))$
 $([\perp . \perp , \top . \perp], (\perp . \top , \top . \top))$
 $([\perp . \perp , \top . \perp], (\perp . \top , \top . \perp))$
 $([\perp . \perp , \top . \perp], (\perp . \top , \top . \top))$
 $([\perp . \perp , \top . \perp], (\perp . \top , \top . \top))$
 $([\perp . \perp , \top . \perp], [\perp . \perp , \top . \perp))$
 $([\perp . \perp , \top . \perp], [\perp . \perp , \top . \top))$
 $([\perp . \perp , \top . \perp], [\perp . \perp , \top . \top))$
 $([\perp . \perp , \top . \perp], [\perp . \top , \top . \perp))$
 $([\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $([\perp . \perp , \top . \perp], [\perp . \top , \top . \perp))$
 $([\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $([\perp . \perp , \top . \perp], [\perp . \perp , \top . \perp))$
 $([\perp . \perp , \top . \perp], [\perp . \perp , \top . \top))$
 $([\perp . \perp , \top . \perp], [\perp . \perp , \top . \top))$

$$([\perp, \cdot], [\top, \cdot], [\perp, \cdot], [\top, \cdot])$$
$$([\perp, \cdot], [\cdot, \top], [\perp, \cdot], [\cdot, \top]))$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top, \top.\top]))$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp, \cdot], [\top, \cdot], [\perp, \cdot], [\top, \cdot])$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\perp], [\top.\top], [\perp.\perp], [\top.\perp])$$
$$([\perp, \cdot], [\cdot, \top], [\perp, \cdot], [\cdot, \top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top], [\perp.\top, \top.\perp])$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp, \cdot], [\top, \cdot], [\perp, \cdot], [\top, \cdot])$$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\perp]))$$
$$([\perp.\perp, \top.\top], ([\perp.\perp, \top.\top]))$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top]))$$
$$([\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$$
$$([\perp.\perp, \top.\top], (\perp.\top, \top.\top))$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top]))$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\perp]))$$
$$([\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$$

([⊥ . Γ , Γ . ⊥] , [⊥ . Γ , Γ . Γ])
([⊥ . Γ , Γ . ⊥] , [⊥ . Γ , Γ . ⊔])
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊔ , Γ . ⊥])
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊔ , Γ . Γ])
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊔ , Γ . ⊔])
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊥ , Γ . ⊥])
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊥ , Γ . Γ])
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊥ , Γ . ⊔])
([⊥ . Γ , Γ . ⊥] , [⊥ . Γ , Γ . ⊥])
([⊥ . Γ , Γ . ⊥] , [⊥ . Γ , Γ . Γ])
([⊥ . Γ , Γ . ⊥] , [⊥ . Γ , Γ . ⊔])
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊔ , Γ . ⊥])
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊔ , Γ . Γ])
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊔ , Γ . ⊔])
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . ⊥))
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . Γ))
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . ⊔))
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . ⊥))
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . Γ))
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . ⊔))
([⊥ . Γ , Γ . Γ] , (⊥ . ⊔ , Γ . ⊥))
([⊥ . Γ , Γ . Γ] , (⊥ . ⊔ , Γ . Γ))
([⊥ . Γ , Γ . Γ] , (⊥ . ⊔ , Γ . ⊔))
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . ⊥])
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . Γ])

([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . $\neg$], [$\neg$. $\neg$, Γ . $\neg$])
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . Γ))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. Γ , Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. Γ , Γ . Γ))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. Γ , Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . Γ))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . $\neg$))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. $\neg$, Γ . Γ))
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. Γ , Γ . $\neg$])
([$\neg$. $\neg$, Γ . $\neg$], ($\neg$. Γ , Γ . Γ))

$([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 1])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 1])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 1])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 1])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 1])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 1])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 1], [1, 1])$
 $([1, 7], [1, 7], [1, 1], [1, 7])$
 $([1, 7], [1, 7], [1, 1], [1, 7])$

$$([\bot, \top], [\bot, \top], [\bot, \top], [\bot, \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp, \top], [\perp, \top], [\perp, \top])$$
 $([\perp, \top], [\perp, \top], [\perp, \top], [\perp, \top])$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\perp]))$$
 $([\perp.\top, \top.\top], (\perp.\perp, \top.\top))$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\top]))$$
 $([\perp.\top, \top.\top], (\perp.\top, \top.\perp))$ $([\sqcup.\top, \top.\top], (\sqcup.\top, \top.\top))$ $([\perp.\top, \top.\top], (\perp.\top, \top.\top))$ $([\perp.\top, \top.\top], (\perp.\top, \top.\perp))$ $([\perp.\top, \top.\top], (\perp.\top, \top.\top))$ $([\perp.\top, \top.\top], (\perp.\top, \top.\top))$ $([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$ $([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$ $([\perp, \top], [\perp, \top], (\perp, \top], (\perp, \top])$ $([\perp.\top, \top.\top], (\perp.\top, \top.\perp])$ $([\perp, \top], [\top, \top]), ([\perp, \top], [\top, \top])$ $([\perp, \cdot], [\cdot, \top], (\perp, \cdot, \top))$ $([\perp.\top, \top.\top], (\perp.\top, \top.\perp])$ $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$

$([a, b], [a, b])$
 $([a, b], [a, c])$
 $([a, b], [a, d])$
 $([a, b], [a, e])$
 $([a, b], [c, a])$
 $([a, b], [c, d])$
 $([a, b], [c, e])$
 $([a, b], [d, a])$
 $([a, b], [d, d])$
 $([a, b], [d, e])$
 $([a, b], [e, a])$
 $([a, b], [e, d])$
 $([a, b], [e, e])$
 $([a, b], [c, a])$
 $([a, b], [c, d])$
 $([a, b], [c, e])$
 $([a, b], [d, a])$
 $([a, b], [d, d])$
 $([a, b], [d, e])$
 $([a, b], [e, a])$
 $([a, b], [e, d])$
 $([a, b], [e, e])$
 $[a, b] \cap ([c, a], [c, a])$
 $([a, c], [a, c])$
 $([a, c], [a, d])$
 $([a, c], [a, e])$
 $([a, c], [c, a])$
 $([a, c], [c, d])$

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), [\perp.\perp, \top.\perp])$

$((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \perp, \Gamma.\Gamma))$

$((\perp . \Gamma, \Gamma . \Gamma), (\perp . \perp, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \Gamma, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$

$((\perp, \top, \top), [\perp, \top, \top])$

$((\perp, \top, \top), [\perp, \top, \top])$

$((\perp, \top, \top), [\perp, \perp, \top])$

$((\perp, \top, \top), [\perp, \perp, \top])$

$((\perp, \top, \top), [\perp, \perp, \top])$

$((\perp, \top, \top), [\perp, \top, \perp])$

$((\perp, \top, \top), [\perp, \top, \top])$

$((\perp, \top, \top), [\perp, \top, \top])$

$((\perp, \top, \top), [\perp, \top, \perp])$

$((\perp, \top, \top), [\perp, \top, \top])$

$((\perp, \top, \top), [\perp, \top, \top])$

$((\perp, \top, \perp), (\perp, \perp, \perp))$

$((\perp, \top, \perp), (\perp, \perp, \top))$

$((\perp, \top, \perp), (\perp, \perp, \top))$

$((\perp, \top, \perp), (\perp, \top, \perp))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp, \top, \perp), (\perp, \top, \perp))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp, \top, \perp), (\perp, \perp, \perp))$

$((\perp, \top, \perp), (\perp, \perp, \top))$

$((\perp, \top, \perp), (\perp, \perp, \top))$

$((\perp, \top, \perp), (\perp, \top, \perp))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp, \perp, \top], (\perp, \top, \top))$
 $((\perp, \perp, \top], (\perp, \perp, \perp))$
 $((\perp, \perp, \top], (\perp, \perp, \top))$
 $((\perp, \perp, \top], (\perp, \perp, \top))$
 $((\perp, \perp, \top], (\perp, \top, \perp))$
 $((\perp, \perp, \top], (\perp, \top, \top))$
 $((\perp, \perp, \top], (\perp, \top, \top))$
 $((\perp, \perp, \top], (\perp, \top, \perp))$
 $((\perp, \perp, \top], (\perp, \top, \top))$
 $((\perp, \perp, \top], [\perp, \perp, \perp))$
 $((\perp, \perp, \top], [\perp, \perp, \top))$
 $((\perp, \perp, \top], [\perp, \perp, \top))$
 $((\perp, \perp, \top], [\perp, \top, \perp))$
 $((\perp, \perp, \top], [\perp, \top, \top))$
 $((\perp, \perp, \top], [\perp, \top, \top))$
 $((\perp, \perp, \top], [\perp, \top, \perp))$
 $((\perp, \perp, \top], [\perp, \top, \top))$
 $((\perp, \perp, \top], [\perp, \perp, \perp])$
 $((\perp, \perp, \top], [\perp, \perp, \top])$
 $((\perp, \perp, \top], [\perp, \perp, \top])$
 $((\perp, \perp, \top], [\perp, \top, \perp])$
 $((\perp, \perp, \top], [\perp, \top, \top])$

$((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\Gamma])$

((⌊.Γ,Γ.Π,⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Π))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Π))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.⌊))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.Π))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Π))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Π))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.⌊))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.Π))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.⌊))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.Π))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.Γ))

((א.ה, ב.ב), (א.א, ב.ב))
((א.ה, ב.ב), (א.א, ב.ה))
((א.ה, ב.ב), (א.ב, ב.א))
((א.ה, ב.ב), (א.ב, ב.ב))
((א.ה, ב.ב), (א.ב, ב.ה))
((א.ה, ב.ב), (א.ה, ב.א))
((א.ה, ב.ב), (א.ה, ב.ב))
((א.ה, ב.ה), (א.א, ב.א))
((א.ה, ב.ה), (א.א, ב.ב))
((א.ה, ב.ה), (א.א, ב.ה))
((א.ה, ב.ה), (א.ב, ב.א))
((א.ה, ב.ה), (א.ב, ב.ב))
((א.ה, ב.ה), (א.ב, ב.ה))
((א.ה, ב.ה), (א.ה, ב.א))
((א.ה, ב.ה), (א.ה, ב.ב))
((א.ה, ב.ה), (א.ה, ב.ה))
((א.ה, ב.ה), (א.א, ב.א))
((א.ה, ב.ה), (א.א, ב.ב))
((א.ה, ב.ה), (א.א, ב.ה))
((א.ה, ב.ה), (א.ב, ב.א))
((א.ה, ב.ה), (א.ב, ב.ב))
((א.ה, ב.ה), (א.ב, ב.ה))

([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\perp$, Γ . $\perp$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\perp$, Γ . Γ])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . $\perp$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . Γ))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . $\neg$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. Γ , Γ . $\perp$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . Γ) , ($\perp$. Γ , Γ . $\neg$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\neg$, Γ . $\perp$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . Γ])
([$\perp$. Γ , Γ . Γ) , ($\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ) , ($\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . Γ) , ($\perp$. Γ , Γ . Γ])

$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \rceil \cdot \rceil), (\lceil \cdot \rfloor, \rceil \cdot \rfloor)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top), [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top), [\perp \cdot \top, \top \cdot \top))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \top])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$([\sqcup \cdot \sqcap, \sqcap \cdot \sqcap), [\sqcup \cdot \sqcup, \sqcap \cdot \sqcup])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil]$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\sqcup, \sqcap, \sqcap, \sqcap], [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \top])$$
$$(\llbracket \cdot \rrbracket, \vdash, \vdash), (\llbracket \cdot \rrbracket, \vdash, \vdash)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$

$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), \lceil \cdot \rceil, \lceil \cdot \rceil]$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top], [\perp, \top]), [\perp, \top], [\perp, \top])$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$([\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$$
 $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$ $([\perp, \top], [\perp, \top]), ([\perp, \top], [\top, \top])$ $([\perp . \top, \top . \perp], [\perp . \top, \top . \perp])$ $([\perp . \neg, \neg . \perp], [\perp . \neg, \neg . \neg])$ $([\perp.\top, \top.\perp], [\perp.\top, \top.\top])$ $([\perp.\top, \top.\perp], [\perp.\top, \top.\perp])$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor)$$

([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\top$, $\top$)
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\top$, $\top$)]
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\top$, $\perp$)]
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\top$, $\top$)]
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\top$, $\top$)]
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\perp$, $\perp$))
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\perp$, $\top$))
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\perp$, $\top$))
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\top$, $\perp$))
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\top$, $\perp$))
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\top$, $\top$))
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\perp$, $\perp$)]
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\perp$, $\top$)]
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\perp$, $\top$)]
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\top$, $\perp$)]
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\top$, $\top$)]
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\top$, $\top$)]
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\top$, $\perp$)]
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\top$, $\top$)]
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\top$, $\top$)]
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\perp$, $\perp$))
([$\perp$], $\top$), ($\top$, $\top$), ($\perp$, $\perp$, $\top$))

$([1.7, 7.7], [1.1, 7.7])$
 $([1.7, 7.7], [1.7, 7.1])$
 $([1.7, 7.7], [1.7, 7.7])$
 $([1.7, 7.7], [1.7, 7.7])$
 $([1.7, 7.7], [1.7, 7.1])$
 $([1.7, 7.7], [1.7, 7.7])$
 $([1.7, 7.7], [1.7, 7.7])$
 $([1.7, 7.7], [1.1, 7.1])$
 $([1.7, 7.7], [1.1, 7.7])$
 $([1.7, 7.7], [1.1, 7.7])$
 $([1.7, 7.7], [1.7, 7.1])$
 $([1.7, 7.7], [1.7, 7.7])$
 $([1.7, 7.7], [1.7, 7.7])$
 $([1.7, 7.7], [1.7, 7.7])$
 $([1.1, 7.1], [1.1, 7.1])$
 $([1.1, 7.1], [1.1, 7.7])$
 $([1.1, 7.1], [1.1, 7.7])$
 $([1.1, 7.1], [1.7, 7.1])$
 $([1.1, 7.1], [1.7, 7.7])$
 $([1.1, 7.1], [1.7, 7.7])$
 $([1.1, 7.1], [1.7, 7.1])$
 $([1.1, 7.1], [1.7, 7.7])$
 $([1.1, 7.1], [1.7, 7.7])$

$([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\perp})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\top})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\neg})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\perp})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\top})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\neg})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\perp})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\top})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\neg})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\perp}))$

$([\perp . \perp , \top . \perp], [\perp . \top , \top . \top])$
 $([\perp . \perp , \top . \perp], [\perp . \top , \top . \top])$
 $([\perp . \perp , \top . \top], (\perp . \perp , \top . \perp))$
 $([\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $([\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $([\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $([\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $([\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $([\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $([\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $([\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $([\perp . \perp , \top . \top], (\perp . \perp , \top . \perp))$
 $([\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $([\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $([\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $([\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $([\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $([\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $([\perp . \perp , \top . \top], [\perp . \perp , \top . \perp])$
 $([\perp . \perp , \top . \top], [\perp . \perp , \top . \top])$
 $([\perp . \perp , \top . \top], [\perp . \perp , \top . \top])$
 $([\perp . \perp , \top . \top], [\perp . \top , \top . \perp])$
 $([\perp . \perp , \top . \top], [\perp . \top , \top . \top])$

$([\perp, \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$

([$\perp$. $\top$, $\top$. $\perp$], [$\perp$. $\neg$, $\top$. $\neg$])
 ([$\perp$. $\top$, $\top$. $\perp$], [$\perp$. $\perp$, $\top$. $\perp$])
 ([$\perp$. $\top$, $\top$. $\perp$], [$\perp$. $\perp$, $\top$. $\top$])
 ([$\perp$. $\top$, $\top$. $\perp$], [$\perp$. $\perp$, $\top$. $\neg$])
 ([$\perp$. $\top$, $\top$. $\perp$], [$\perp$. $\top$, $\top$. $\perp$])
 ([$\perp$. $\top$, $\top$. $\perp$], [$\perp$. $\top$, $\top$. $\top$])
 ([$\perp$. $\top$, $\top$. $\perp$], [$\perp$. $\top$, $\top$. $\neg$])
 ([$\perp$. $\top$, $\top$. $\perp$], [$\perp$. $\neg$, $\top$. $\perp$])
 ([$\perp$. $\top$, $\top$. $\perp$], [$\perp$. $\neg$, $\top$. $\top$])
 ([$\perp$. $\top$, $\top$. $\perp$], [$\perp$. $\neg$, $\top$. $\neg$])
 ([$\perp$. $\top$, $\top$. $\top$], ($\perp$. $\perp$, $\top$. $\perp$))
 ([$\perp$. $\top$, $\top$. $\top$], ($\perp$. $\perp$, $\top$. $\top$))
 ([$\perp$. $\top$, $\top$. $\top$], ($\perp$. $\perp$, $\top$. $\neg$))
 ([$\perp$. $\top$, $\top$. $\top$], ($\perp$. $\top$, $\top$. $\perp$))
 ([$\perp$. $\top$, $\top$. $\top$], ($\perp$. $\top$, $\top$. $\top$))
 ([$\perp$. $\top$, $\top$. $\top$], ($\perp$. $\top$, $\top$. $\neg$))
 ([$\perp$. $\top$, $\top$. $\top$], ($\perp$. $\neg$, $\top$. $\perp$))
 ([$\perp$. $\top$, $\top$. $\top$], ($\perp$. $\neg$, $\top$. $\top$))
 ([$\perp$. $\top$, $\top$. $\top$], ($\perp$. $\neg$, $\top$. $\neg$))
 ([$\perp$. $\top$, $\top$. $\top$], ($\perp$. $\perp$, $\top$. $\perp$])
 ([$\perp$. $\top$, $\top$. $\top$], ($\perp$. $\perp$, $\top$. $\top$])
 ([$\perp$. $\top$, $\top$. $\top$], ($\perp$. $\perp$, $\top$. $\neg$])
 ([$\perp$. $\top$, $\top$. $\top$], ($\perp$. $\top$, $\top$. $\perp$])
 ([$\perp$. $\top$, $\top$. $\top$], ($\perp$. $\top$, $\top$. $\top$])
 ([$\perp$. $\top$, $\top$. $\top$], ($\perp$. $\top$, $\top$. $\neg$])

([$\perp$. Γ , Γ . Γ], [$\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\perp$, Γ . $\perp$]))
([$\perp$. Γ , Γ . Γ], [$\perp$. $\perp$, Γ . Γ]))
([$\perp$. Γ , Γ . Γ], [$\perp$. $\perp$, Γ . $\neg$]))
([$\perp$. Γ , Γ . Γ], [$\perp$. Γ , Γ . $\perp$]))
([$\perp$. Γ , Γ . Γ], [$\perp$. Γ , Γ . Γ]))
([$\perp$. Γ , Γ . Γ], [$\perp$. Γ , Γ . $\neg$]))
([$\perp$. Γ , Γ . Γ], [$\perp$. $\neg$, Γ . $\perp$]))
([$\perp$. Γ , Γ . Γ], [$\perp$. $\neg$, Γ . Γ]))
([$\perp$. Γ , Γ . Γ], [$\perp$. $\neg$, Γ . $\neg$]))
([$\perp$. Γ , Γ . Γ], [$\perp$. $\perp$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\perp$, Γ . Γ])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ], [$\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . Γ], [$\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . Γ], [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\perp$. $\perp$, Γ . $\perp$]))
([$\perp$. Γ , Γ . $\neg$], [$\perp$. $\perp$, Γ . Γ]))
([$\perp$. Γ , Γ . $\neg$], [$\perp$. $\perp$, Γ . $\neg$]))
([$\perp$. Γ , Γ . $\neg$], [$\perp$. Γ , Γ . $\perp$]))

([$\perp$. Γ , Γ . $\neg$], [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . $\neg$], [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], [$\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . $\neg$], [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. $\neg$, Γ . $\neg$], ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. $\neg$, Γ . $\neg$], ($\perp$. $\neg$, Γ . Γ))
([$\perp$. $\neg$, Γ . $\neg$], ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. $\neg$, Γ . $\neg$], ($\perp$. Γ , Γ . $\neg$))
([$\perp$. $\neg$, Γ . $\neg$], ($\perp$. Γ , Γ . Γ))
([$\perp$. $\neg$, Γ . $\neg$], ($\perp$. Γ , Γ . $\neg$))
([$\perp$. $\neg$, Γ . $\neg$], ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. $\neg$, Γ . $\neg$], ($\perp$. $\neg$, Γ . Γ))
([$\perp$. $\neg$, Γ . $\neg$], ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. $\neg$, Γ . $\neg$], ($\perp$. $\neg$, Γ . Γ))
([$\perp$. $\neg$, Γ . $\neg$], ($\perp$. $\neg$, Γ . $\neg$])
([$\perp$. $\neg$, Γ . $\neg$], ($\perp$. $\neg$, Γ . Γ])
([$\perp$. $\neg$, Γ . $\neg$], ($\perp$. $\neg$, Γ . $\neg$])
([$\perp$. $\neg$, Γ . $\neg$], ($\perp$. $\neg$, Γ . Γ])
([$\perp$. $\neg$, Γ . $\neg$], ($\perp$. $\neg$, Γ . $\neg$])

([$\perp$], $\top$, $\top$], [$\perp$], $\top$, $\top$))
([$\perp$], $\top$, $\top$], [$\perp$], $\top$, $\top$))
([$\perp$], $\top$, $\top$], [$\perp$], $\perp$, $\perp$])
([$\perp$], $\top$, $\top$], [$\perp$], $\perp$, $\top$])
([$\perp$], $\top$, $\top$], [$\perp$], $\perp$, $\top$])
([$\perp$], $\top$, $\top$], [$\perp$], $\top$, $\perp$])
([$\perp$], $\top$, $\top$], [$\perp$], $\top$, $\top$])
([$\perp$], $\top$, $\top$], [$\perp$], $\top$, $\top$])
([$\perp$], $\top$, $\top$], [$\perp$], $\top$, $\perp$])
([$\perp$], $\top$, $\top$], [$\perp$], $\top$, $\top$])
([$\perp$], $\top$, $\top$], [$\perp$], $\top$, $\top$])
([$\perp$], $\top$, $\top$], [$\perp$], $\perp$, $\perp$))
([$\perp$], $\top$, $\top$], [$\perp$], $\perp$, $\top$))
([$\perp$], $\top$, $\top$], [$\perp$], $\perp$, $\top$))
([$\perp$], $\top$, $\top$], [$\perp$], $\top$, $\perp$))
([$\perp$], $\top$, $\top$], [$\perp$], $\top$, $\top$))
([$\perp$], $\top$, $\top$], [$\perp$], $\top$, $\top$))
([$\perp$], $\top$, $\top$], [$\perp$], $\perp$, $\perp$])
([$\perp$], $\top$, $\top$], [$\perp$], $\perp$, $\top$])
([$\perp$], $\top$, $\top$], [$\perp$], $\perp$, $\top$])
([$\perp$], $\top$, $\top$], [$\perp$], $\top$, $\perp$])
([$\perp$], $\top$, $\top$], [$\perp$], $\top$, $\top$])

[illegible]

$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$

((⌊ . Γ , Γ . ⌋) , (⌊ . ⌋ , Γ . Γ))
((⌊ . Γ , Γ . ⌋) , (⌊ . ⌋ , Γ . ⌈))
((⌊ . Γ , Γ . ⌋) , (⌊ . Γ , Γ . ⌋))
((⌊ . Γ , Γ . ⌋) , (⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . ⌋) , (⌊ . Γ , Γ . ⌈))
((⌊ . Γ , Γ . ⌋) , (⌊ . ⌈ , Γ . ⌋))
((⌊ . Γ , Γ . ⌋) , (⌊ . ⌈ , Γ . Γ))
((⌊ . Γ , Γ . ⌋) , (⌊ . ⌈ , Γ . ⌈))
((⌊ . Γ , Γ . ⌋) , (⌊ . ⌋ , Γ . ⌋))
((⌊ . Γ , Γ . ⌋) , (⌊ . ⌋ , Γ . Γ))
((⌊ . Γ , Γ . ⌋) , (⌊ . ⌋ , Γ . ⌈))
((⌊ . Γ , Γ . ⌋) , (⌊ . Γ , Γ . ⌋))
((⌊ . Γ , Γ . ⌋) , (⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . ⌋) , (⌊ . Γ , Γ . ⌈))
((⌊ . Γ , Γ . ⌋) , (⌊ . ⌈ , Γ . ⌋))
((⌊ . Γ , Γ . ⌋) , (⌊ . ⌈ , Γ . Γ))
((⌊ . Γ , Γ . ⌋) , (⌊ . ⌈ , Γ . ⌈))
((⌊ . Γ , Γ . ⌋) , [⌊ . ⌋ , Γ . ⌋))
((⌊ . Γ , Γ . ⌋) , [⌊ . ⌋ , Γ . Γ))
((⌊ . Γ , Γ . ⌋) , [⌊ . ⌋ , Γ . ⌈))
((⌊ . Γ , Γ . ⌋) , [⌊ . Γ , Γ . ⌋))
((⌊ . Γ , Γ . ⌋) , [⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . ⌋) , [⌊ . Γ , Γ . ⌈))
((⌊ . Γ , Γ . ⌋) , [⌊ . ⌈ , Γ . ⌋))
((⌊ . Γ , Γ . ⌋) , [⌊ . ⌈ , Γ . Γ))

$((\perp . \top, \top . \perp), [\perp . \top, \top . \top])$

$((\perp . \top, \top . \perp), [\perp . \perp, \top . \perp])$

$((\perp . \top, \top . \perp), [\perp . \perp, \top . \top])$

$((\perp . \top, \top . \perp), [\perp . \perp, \top . \top])$

$((\perp . \top, \top . \perp), [\perp . \top, \top . \perp])$

$((\perp . \top, \top . \perp), [\perp . \top, \top . \top])$

$((\perp . \top, \top . \perp), [\perp . \top, \top . \top])$

$((\perp . \top, \top . \perp), [\perp . \top, \top . \perp])$

$((\perp . \top, \top . \perp), [\perp . \top, \top . \top])$

$((\perp . \top, \top . \perp), [\perp . \top, \top . \top])$

$((\perp . \top, \top . \top), (\perp . \perp, \top . \perp))$

$((\perp . \top, \top . \top), (\perp . \perp, \top . \top))$

$((\perp . \top, \top . \top), (\perp . \perp, \top . \top))$

$((\perp . \top, \top . \top), (\perp . \top, \top . \perp))$

$((\perp . \top, \top . \top), (\perp . \top, \top . \top))$

$((\perp . \top, \top . \top), (\perp . \top, \top . \top))$

$((\perp . \top, \top . \top), (\perp . \top, \top . \perp))$

$((\perp . \top, \top . \top), (\perp . \top, \top . \top))$

$((\perp . \top, \top . \top), (\perp . \top, \top . \top))$

$((\perp . \top, \top . \top), (\perp . \perp, \top . \perp])$

$((\perp . \top, \top . \top), (\perp . \perp, \top . \top])$

$((\perp . \top, \top . \top), (\perp . \perp, \top . \top])$

$((\perp . \top, \top . \top), (\perp . \top, \top . \perp])$

$((\perp . \top, \top . \top), (\perp . \top, \top . \top])$

$((\perp . \top, \top . \top), (\perp . \top, \top . \top])$

$((\perp, \top, \top), [\perp, \perp, \top])$

$((\perp, \top, \top), [\perp, \top, \perp])$

$((\perp, \top, \top), [\perp, \top, \top])$

$((\perp, \top, \top), [\perp, \top, \top])$

$((\perp, \top, \top), [\perp, \top, \perp])$

$((\perp, \top, \top), [\perp, \top, \top])$

$((\perp, \top, \top), [\perp, \top, \top])$

$((\perp, \top, \perp), (\perp, \perp, \perp))$

$((\perp, \top, \perp), (\perp, \perp, \top))$

$((\perp, \top, \perp), (\perp, \perp, \top))$

$((\perp, \top, \perp), (\perp, \top, \perp))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp, \top, \perp), (\perp, \top, \perp))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp, \top, \perp), (\perp, \perp, \perp))$

$((\perp, \top, \perp), (\perp, \perp, \top))$

$((\perp, \top, \perp), (\perp, \perp, \top))$

$((\perp, \top, \perp), (\perp, \top, \perp))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp, \top, \perp), (\perp, \top, \perp))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp.\top, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$

$((\perp . \perp , \top . \perp], [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top], [\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top], [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top], [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top], [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top], [\perp . \top , \top . \top))$

[illegible]

((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.⌊, Γ.⌊])
((⌊.Γ, Γ.Γ], (⌊.⌊, Γ.Γ])
((⌊.Γ, Γ.Γ], (⌊.⌊, Γ.Γ])
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌊])
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌊])
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], (⌊.⌊, Γ.⌊))
((⌊.Γ, Γ.Γ], (⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.⌊, Γ.⌊])
((⌊.Γ, Γ.Γ], (⌊.⌊, Γ.Γ])

$((\perp.\top, \top.\perp], [\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top], (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top], (\perp.\top, \top.\perp))$

((\gamma, \beta, [\alpha, \gamma, \beta]))
((\gamma, \beta, [\alpha, \gamma, \alpha]))
((\gamma, \beta, [\alpha, \gamma, \beta]))
((\gamma, \beta, [\alpha, \gamma, \gamma]))
((\gamma, \beta, \gamma), [\alpha, \alpha, \alpha]))
((\gamma, \beta, \gamma), [\alpha, \alpha, \beta]))
((\gamma, \beta, \gamma), [\alpha, \alpha, \gamma]))
((\gamma, \beta, \gamma), [\alpha, \gamma, \alpha]))
((\gamma, \beta, \gamma), [\alpha, \gamma, \beta]))
((\gamma, \beta, \gamma), [\alpha, \gamma, \gamma]))
((\gamma, \beta, \gamma), [\alpha, \gamma, \alpha]))
((\gamma, \beta, \gamma), [\alpha, \gamma, \beta]))
((\gamma, \beta, \gamma), [\alpha, \gamma, \gamma]))
((\gamma, \beta, \gamma), [\alpha, \alpha, \alpha]))
((\gamma, \beta, \gamma), [\alpha, \alpha, \beta]))
((\gamma, \beta, \gamma), [\alpha, \alpha, \gamma]))
((\gamma, \beta, \gamma), [\alpha, \gamma, \alpha]))
((\gamma, \beta, \gamma), [\alpha, \gamma, \beta]))
((\gamma, \beta, \gamma), [\alpha, \gamma, \gamma]))
((\gamma, \beta, \gamma), [\alpha, \gamma, \alpha]))
((\gamma, \beta, \gamma), [\alpha, \gamma, \beta]))
((\gamma, \beta, \gamma), [\alpha, \gamma, \gamma]))
((\gamma, \beta, \gamma), [\alpha, \alpha, \alpha]))
((\gamma, \beta, \gamma), [\alpha, \alpha, \beta]))
((\gamma, \beta, \gamma), [\alpha, \alpha, \gamma]))

$([1]_-, [1]_+), ([1]_-, [1]_+)$
 $([1]_-, [1]_+), ([1]_+, [1]_-)$
 $([1]_-, [1]_+), ([1]_+, [1]_+)$
 $([1]_-, [1]_+), ([1]_+, [1]_+)$
 $([1]_-, [1]_+), ([1]_-, [1]_-)$
 $([1]_-, [1]_+), ([1]_-, [1]_+)$
 $([1]_-, [1]_+), ([1]_-, [1]_+)$
 $([1]_-, [1]_+), ([1]_+, [1]_-)$
 $([1]_-, [1]_+), ([1]_+, [1]_+)$
 $([1]_-, [1]_+), ([1]_+, [1]_+)$
 $([1]_-, [1]_+), ([1]_+, [1]_-)$
 $([1]_-, [1]_+), ([1]_+, [1]_+)$
 $([1]_-, [1]_+), ([1]_+, [1]_+)$
 $([1]_-, [1]_+), ([1]_-, [1]_-)$
 $([1]_-, [1]_+), ([1]_-, [1]_+)$
 $([1]_-, [1]_+), ([1]_+, [1]_-)$
 $([1]_-, [1]_+), ([1]_+, [1]_+)$
 $([1]_-, [1]_+), ([1]_+, [1]_+)$
 $([1]_-, [1]_+), ([1]_+, [1]_-)$
 $([1]_-, [1]_+), ([1]_+, [1]_+)$
 $([1]_-, [1]_+), ([1]_+, [1]_+)$
 $([1]_+, [1]_-), ([1]_-, [1]_+)$
 $([1]_+, [1]_-), ([1]_-, [1]_+)$
 $([1]_+, [1]_-), ([1]_+, [1]_-)$

([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . $\perp$) , [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\perp$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\perp$, Γ . Γ])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . Γ) , ([$\perp$. $\neg$, Γ . $\neg$])

$([\perp, \Gamma, \Gamma, \Gamma], [\perp, \perp, \Gamma, \perp])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \perp, \Gamma, \Gamma])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \perp, \Gamma, \neg])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \Gamma, \Gamma, \perp])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \Gamma, \Gamma, \Gamma])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \Gamma, \Gamma, \neg])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \neg, \Gamma, \perp])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \neg, \Gamma, \Gamma])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \neg, \Gamma, \neg])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \perp, \Gamma, \perp])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \perp, \Gamma, \Gamma])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \perp, \Gamma, \neg])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \Gamma, \Gamma, \perp])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \Gamma, \Gamma, \Gamma])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \Gamma, \Gamma, \neg])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \neg, \Gamma, \perp])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \neg, \Gamma, \Gamma])$
 $([\perp, \Gamma, \Gamma, \Gamma], [\perp, \neg, \Gamma, \neg])$
 $([\perp, \Gamma, \Gamma, \neg], [\perp, \perp, \Gamma, \perp])$
 $([\perp, \Gamma, \Gamma, \neg], [\perp, \perp, \Gamma, \Gamma])$
 $([\perp, \Gamma, \Gamma, \neg], [\perp, \perp, \Gamma, \neg])$
 $([\perp, \Gamma, \Gamma, \neg], [\perp, \Gamma, \Gamma, \perp])$
 $([\perp, \Gamma, \Gamma, \neg], [\perp, \Gamma, \Gamma, \Gamma])$
 $([\perp, \Gamma, \Gamma, \neg], [\perp, \Gamma, \Gamma, \neg])$
 $([\perp, \Gamma, \Gamma, \neg], [\perp, \neg, \Gamma, \perp])$

$([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.1, 1.1])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.7], [1.1, 1.1])$
 $([1.7, 1.7], [1.1, 1.7])$
 $([1.7, 1.7], [1.1, 1.7])$
 $([1.7, 1.7], [1.7, 1.1])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.7, 1.1])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.1, 1.1])$

$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
 $([\perp, \top], [\perp, \top])$
$$(\llbracket \cdot \rrbracket, \vdash, \vdash), (\llbracket \cdot \rrbracket, \vdash, \vdash)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
 $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \perp])$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor]$$
 $([\perp . \top, \top . \top), [\perp . \perp, \top . \perp))$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil, \lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, \lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, \lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, \lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, \lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil)$$
 $([\perp, \cdot], [\cdot, \top], [\perp, \cdot], [\cdot, \top])$
$$([\perp, \cdot], [\cdot, \top], [\perp, \cdot], [\cdot, \top])$$
 $([\perp, \cdot], [\cdot, \top], [\perp, \cdot], [\cdot, \top])$ $([\perp, \cdot], [\cdot, \top], [\perp, \cdot], [\cdot, \top])$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil, \lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
 $([\perp, \top], [\cdot, \sqcup], [\perp, \top], [\cdot, \sqcup])$

$$([\perp.\perp], [\top.\top], [\perp.\perp], [\top.\top])$$
$$([\perp, \cdot], [\cdot, \top], [\perp, \cdot], [\cdot, \top])$$
$$([\perp.\perp], [\top.\top], [\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top, \top.\perp])$$
$$([\perp, \cdot], [\cdot, \top], [\perp, \cdot, \cdot, \top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\perp]))$$
$$([\perp.\perp, \top.\top], ([\perp.\perp, \top.\top]))$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top]))$$
$$([\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$$
$$([\perp.\perp, \top.\top], (\perp.\top, \top.\top))$$
$$([\perp.\perp, \top.\top], (\perp.\top, \top.\top))$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\perp]))$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top]))$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top])$$
 $([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\perp])$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top])$$
 $([\perp, \cdot], [\cdot, \top]), ([\perp, \cdot], [\cdot, \top])$ $([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\perp])$

$([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\perp])$

$$\begin{aligned}
& ([\perp, \top, \top], [\perp, \top, \top]) \\
& ([\perp, \top, \top], [\perp, \top, \top]) \\
& ([\perp, \top, \top], [\perp, \top, \top]) \\
& ([\perp, \top, \top], (\perp, \perp, \top)) \\
& ([\perp, \top, \top], (\perp, \perp, \top)) \\
& ([\perp, \top, \top], (\perp, \perp, \top)) \\
& ([\perp, \top, \top], (\perp, \top, \top)) \\
& ([\perp, \top, \top], (\perp, \top, \top)) \\
& ([\perp, \top, \top], (\perp, \top, \top)) \\
& ([\perp, \top, \top], (\perp, \top, \top)) \\
& ([\perp, \top, \top], (\perp, \top, \top)) \\
& ([\perp, \top, \top], (\perp, \top, \top)) \\
& ([\perp, \top, \top], (\perp, \perp, \perp)) \\
& ([\perp, \top, \top], (\perp, \perp, \top)) \\
& ([\perp, \top, \top], (\perp, \perp, \top)) \\
& ([\perp, \top, \top], (\perp, \perp, \top)) \\
& ([\perp, \top, \top], (\perp, \top, \top)) \\
& ([\perp, \top, \top], (\perp, \top, \top)) \\
& ([\perp, \top, \top], (\perp, \top, \top)) \\
& ([\perp, \top, \top], (\perp, \top, \top)) \\
& ([\perp, \top, \top], [\perp, \perp, \perp]) \\
& ([\perp, \top, \top], [\perp, \perp, \top]) \\
& ([\perp, \top, \top], [\perp, \perp, \top]) \\
& ([\perp, \top, \top], [\perp, \top, \top])
\end{aligned}$$

([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.7, 1.1])
([1.7, 1.7], [1.7, 1.1])
([1.7, 1.7], [1.7, 1.7])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.7, 1.1])
([1.7, 1.7], [1.7, 1.1])
([1.7, 1.7], [1.7, 1.1])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.7, 1.1])

$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\bot.\top, \top.\top], [\bot.\bot, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$\neg \bot \neg \neg. ((\bot \neg, \neg \bot), [\bot \neg, \neg \neg])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$$
$$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$$
$$((\perp \cdot \perp, \top \cdot \perp), (\perp \cdot \top, \top \cdot \top))$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$$
$$((\perp.\downarrow, \uparrow.\downarrow), (\perp.\uparrow, \uparrow.\downarrow))$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top])$$
$$((\perp, \cdot], [\cdot, \top)), (\perp, \cdot], [\cdot, \top])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$

$((\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$

$((\perp.\perp, \top.\top), [\perp.\perp, \top.\perp])$

$((\perp.\perp, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$

$((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$

$((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\perp])$

$((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\Gamma])$

$((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\neg])$

$((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp])$

$((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\Gamma])$

$((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp))$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma))$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\neg))$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\perp))$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\Gamma))$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\neg))$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\perp))$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\Gamma))$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\neg))$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp))$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma))$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\neg))$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\perp))$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\Gamma))$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\neg))$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\perp))$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\Gamma))$

$((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\neg))$

$((\perp . \Gamma, \Gamma.\Gamma), [\perp.\perp, \Gamma.\perp])$

$((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma))$

((⌊.Γ, Γ.Γ), [⌊.Γ, Γ.⌊])
((⌊.Γ, Γ.Γ), [⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ), [⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.⌊), (⌊.⌊, Γ.⌊))
((⌊.Γ, Γ.⌊), (⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.⌊), (⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.⌊), (⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.⌊), (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊), (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊), (⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.⌊), (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊), (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊), (⌊.⌊, Γ.⌊))
((⌊.Γ, Γ.⌊), (⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.⌊), (⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.⌊), (⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.⌊), (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊), (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊), (⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.⌊), (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊), (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊), [⌊.⌊, Γ.⌊))
((⌊.Γ, Γ.⌊), [⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.⌊), [⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.⌊), [⌊.Γ, Γ.⌊))

$((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$

$((\perp . \perp , \top . \perp], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$

$((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top])$

((⌊ . Γ , Γ . ⌋ , [⌊ . Γ , Γ . ⌋])
((⌊ . Γ , Γ . ⌋ , [⌊ . Γ , Γ . Γ])
((⌊ . Γ , Γ . ⌋ , [⌊ . Γ , Γ . 7])
((⌊ . Γ , Γ . ⌋ , [⌊ . 7 , Γ . ⌋])
((⌊ . Γ , Γ . ⌋ , [⌊ . 7 , Γ . Γ])
((⌊ . Γ , Γ . ⌋ , [⌊ . 7 , Γ . 7])
((⌊ . Γ , Γ . Γ , (⌊ . ⌋ , Γ . ⌋))
((⌊ . Γ , Γ . Γ , (⌊ . ⌋ , Γ . Γ))
((⌊ . Γ , Γ . Γ , (⌊ . ⌋ , Γ . 7))
((⌊ . Γ , Γ . Γ , (⌊ . Γ , Γ . ⌋))
((⌊ . Γ , Γ . Γ , (⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ , (⌊ . Γ , Γ . 7))
((⌊ . Γ , Γ . Γ , (⌊ . 7 , Γ . ⌋))
((⌊ . Γ , Γ . Γ , (⌊ . 7 , Γ . Γ))
((⌊ . Γ , Γ . Γ , (⌊ . 7 , Γ . 7))
((⌊ . Γ , Γ . Γ , (⌊ . ⌋ , Γ . ⌋))
((⌊ . Γ , Γ . Γ , (⌊ . ⌋ , Γ . Γ))
((⌊ . Γ , Γ . Γ , (⌊ . ⌋ , Γ . 7))
((⌊ . Γ , Γ . Γ , (⌊ . Γ , Γ . ⌋))
((⌊ . Γ , Γ . Γ , (⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ , (⌊ . Γ , Γ . 7))
((⌊ . Γ , Γ . Γ , (⌊ . 7 , Γ . ⌋))
((⌊ . Γ , Γ . Γ , (⌊ . 7 , Γ . Γ))
((⌊ . Γ , Γ . Γ , (⌊ . 7 , Γ . 7))
((⌊ . Γ , Γ . Γ , [⌊ . ⌋ , Γ . ⌋))

$((\perp . \Gamma, \Gamma . \Pi, [\perp . \perp, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \perp, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \perp, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \perp, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \perp, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \perp, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \perp, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \perp, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \Gamma, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \neg, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \neg, \Gamma . \Gamma))$

[illegible]

(($\perp$, $\top$), ($\perp$, $\top$))
 (($\perp$, $\top$), ($\perp$, $\perp$))
 (($\perp$, $\top$), ($\top$, $\perp$))
 (($\perp$, $\top$), ($\top$, $\top$))
 (($\perp$, $\perp$), ($\perp$, $\perp$))
 (($\perp$, $\perp$), ($\perp$, $\top$))
 (($\perp$, $\perp$), ($\top$, $\perp$))
 (($\perp$, $\perp$), ($\top$, $\top$))
 (($\top$, $\perp$), ($\perp$, $\perp$))
 (($\top$, $\perp$), ($\perp$, $\top$))
 (($\top$, $\perp$), ($\top$, $\perp$))
 (($\top$, $\perp$), ($\top$, $\top$))
 (($\top$, $\top$), ($\perp$, $\perp$))
 (($\top$, $\top$), ($\perp$, $\top$))
 (($\top$, $\top$), ($\top$, $\perp$))
 (($\top$, $\top$), ($\top$, $\top$))
 (($\perp$, $\top$), ($\perp$, $\perp$))
 (($\perp$, $\top$), ($\perp$, $\top$))
 (($\perp$, $\top$), ($\top$, $\perp$))
 (($\perp$, $\top$), ($\top$, $\top$))
 (($\top$, $\perp$), ($\perp$, $\perp$))
 (($\top$, $\perp$), ($\perp$, $\top$))
 (($\top$, $\perp$), ($\top$, $\perp$))
 (($\top$, $\perp$), ($\top$, $\top$))
 (($\top$, $\top$), ($\perp$, $\perp$))
 (($\top$, $\top$), ($\perp$, $\top$))
 (($\top$, $\top$), ($\top$, $\perp$))
 (($\top$, $\top$), ($\top$, $\top$))

([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\top$],[$\top$.[$\top$]))
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\top$],[$\top$.[$\neg$]))
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\neg$],[$\top$.[$\perp$]))
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\neg$],[$\top$.[$\top$]))
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\neg$],[$\top$.[$\neg$]))
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\perp$],[$\top$.[$\perp$]])
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\perp$],[$\top$.[$\top$]])
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\perp$],[$\top$.[$\neg$]])
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\top$],[$\top$.[$\perp$]])
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\top$],[$\top$.[$\top$]])
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\neg$],[$\top$.[$\perp$]])
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\neg$],[$\top$.[$\top$]])
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\neg$],[$\top$.[$\neg$]])
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\perp$],[$\top$.[$\perp$]))
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\perp$],[$\top$.[$\top$]))
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\perp$],[$\top$.[$\neg$]))
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\top$],[$\top$.[$\perp$]))
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\top$],[$\top$.[$\top$]))
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\neg$],[$\top$.[$\perp$]))
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\neg$],[$\top$.[$\top$]))
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\neg$],[$\top$.[$\neg$]))
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\perp$],[$\top$.[$\perp$]])
([$\perp$].[$\perp$],[$\top$.[$\top$]),([$\perp$.[$\perp$],[$\top$.[$\top$]])

[illegible]

$([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 1])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 1])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 1])$

$([1, 7], [7, 7]), [1, 1], [7, 7])$
 $([1, 7], [7, 7]), [1, 1], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 1]))$
 $([1, 1], [7, 1]), ([1, 1], [7, 7]))$
 $([1, 1], [7, 1]), ([1, 1], [7, 7]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 1]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 1]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 7]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 7]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 1]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 7]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 7]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 1]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 1]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 7]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 7]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 1]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 7]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 1]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 7]))$

$([1, 1], [1, 1], [1, 1], [1, 1])$
 $([1, 1], [1, 1], [1, 1], [1, 2])$
 $([1, 1], [1, 1], [1, 2], [1, 1])$
 $([1, 1], [1, 1], [1, 2], [1, 2])$
 $([1, 1], [1, 1], [1, 2], [2, 1])$
 $([1, 1], [1, 2], [1, 1], [1, 1])$
 $([1, 1], [1, 2], [1, 1], [1, 2])$
 $([1, 1], [1, 2], [1, 1], [2, 1])$
 $([1, 1], [1, 2], [1, 2], [1, 1])$
 $([1, 1], [1, 2], [1, 2], [1, 2])$
 $([1, 1], [1, 2], [1, 2], [2, 1])$
 $([1, 1], [1, 2], [2, 1], [1, 1])$
 $([1, 1], [1, 2], [2, 1], [1, 2])$
 $([1, 1], [1, 2], [2, 1], [2, 1])$
 $([1, 1], [2, 1], [1, 1], [1, 1])$
 $([1, 1], [2, 1], [1, 1], [1, 2])$
 $([1, 1], [2, 1], [1, 1], [2, 2])$
 $([1, 1], [2, 1], [1, 2], [1, 1])$
 $([1, 1], [2, 1], [1, 2], [1, 2])$
 $([1, 1], [2, 1], [1, 2], [2, 1])$
 $([1, 1], [2, 1], [2, 1], [1, 1])$
 $([1, 1], [2, 1], [2, 1], [1, 2])$
 $([1, 1], [2, 1], [2, 1], [2, 1])$
 $([1, 1], [2, 2], [1, 1], [1, 1])$
 $([1, 1], [2, 2], [1, 1], [1, 2])$

[illegible]

([⊥ . Γ , Γ . ⊥] , [⊥ . γ , Γ . Γ])
([⊥ . Γ , Γ . ⊥] , [⊥ . γ , Γ . γ])
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . ⊥))
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . Γ))
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . γ))
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . ⊥))
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . Γ))
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . γ))
([⊥ . Γ , Γ . Γ] , (⊥ . γ , Γ . ⊥))
([⊥ . Γ , Γ . Γ] , (⊥ . γ , Γ . Γ))
([⊥ . Γ , Γ . Γ] , (⊥ . γ , Γ . γ))
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . ⊥])
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . Γ])
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . γ])
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . ⊥])
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . Γ])
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . γ])
([⊥ . Γ , Γ . Γ] , (⊥ . γ , Γ . ⊥])
([⊥ . Γ , Γ . Γ] , (⊥ . γ , Γ . Γ])
([⊥ . Γ , Γ . Γ] , (⊥ . γ , Γ . γ])
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . ⊥))
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . Γ))
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . γ))
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . ⊥))
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . Γ))

[illegible]

[illegible]

[illegible]

$([1, 7], [7, 1], [1, 1], [7, 7])$
 $([1, 7], [7, 7], [1, 7], [1, 1])$
 $([1, 7], [7, 7], [1, 7], [7, 7])$
 $([1, 7], [7, 7], [1, 7], [7, 7])$
 $([1, 7], [7, 7], [1, 7], [1, 1])$
 $([1, 7], [7, 7], [1, 7], [7, 7])$
 $([1, 7], [7, 7], [1, 7], [7, 7])$
 $7, 1, 7, 7, (([1, 7], [7, 1], [1, 7], [7, 1]))$
 $(([1, 1], [7, 1]), ([1, 1], [7, 1]))$
 $(([1, 1], [7, 1]), ([1, 1], [7, 7]))$
 $(([1, 1], [7, 1]), ([1, 1], [7, 7]))$
 $(([1, 1], [7, 1]), ([1, 7], [7, 1]))$
 $(([1, 1], [7, 1]), ([1, 7], [7, 7]))$
 $(([1, 1], [7, 1]), ([1, 7], [7, 7]))$
 $(([1, 1], [7, 1]), ([1, 7], [7, 1]))$
 $(([1, 1], [7, 1]), ([1, 7], [7, 7]))$
 $(([1, 1], [7, 1]), ([1, 7], [7, 7]))$
 $(([1, 1], [7, 1]), ([1, 1], [7, 1]))$
 $(([1, 1], [7, 1]), ([1, 1], [7, 7]))$
 $(([1, 1], [7, 1]), ([1, 1], [7, 7]))$
 $(([1, 1], [7, 1]), ([1, 7], [7, 1]))$
 $(([1, 1], [7, 1]), ([1, 7], [7, 7]))$
 $(([1, 1], [7, 1]), ([1, 7], [7, 7]))$

$((\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$

$((\perp . \top, \top.\top), (\perp . \top, \top.\perp))$
 $((\perp . \top, \top.\top), (\perp . \top, \top.\top))$
 $((\perp . \top, \top.\top), (\perp . \top, \top.\top))$
 $((\perp . \top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp . \top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp . \top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp . \top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp . \top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp . \top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp . \top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp . \top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp . \top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp . \top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp . \top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp . \top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp . \top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp . \top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp . \top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp . \top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp . \top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp . \top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp . \top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$

$((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top])$

$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lfloor \cdot \rfloor))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\sqcup.\top, \sqcap.\top), [\sqcup.\sqcup, \sqcap.\sqcap))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\sqcup.\top, \top.\top), [\sqcup.\top, \top.\top))$$
$$((\sqcup.\top, \top.\top), [\sqcup.\top, \top.\top))$$
$$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$$
$$((\sqcup.\top, \sqcap.\top), [\sqcup.\top, \sqcap.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\sqcup.\top, \sqcap.\top), [\sqcup.\bot, \sqcap.\bot])$$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$

[illegible]

$((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
 $([\perp, \cdot], \vdash, \cdot), ([\perp, \cdot], \vdash, \cdot)$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
 $([\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
 $([\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil]$$
 $([\perp, \cdot], [\cdot, \perp]), ([\perp, \cdot], [\cdot, \top])$ $([\perp, \cdot], [\cdot, \perp]), ([\perp, \cdot], [\cdot, \top])$
$$([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$$
$$([\perp \cdot \perp, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
 $([\perp . \perp], [\top . \perp]), ([\perp . \top], [\top . \top])$
$$([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$$
$$([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$$
 $([\perp.\perp], [\top.\perp]), ([\perp.\top], [\top.\top])$

$([\perp] . \bot , \top . \bot), [\perp] . \bot , \top . \bot))$
 $([\perp] . \bot , \top . \bot), [\perp] . \bot , \top . \top))$
 $([\perp] . \bot , \top . \bot), [\perp] . \bot , \top . \neg))$
 $([\perp] . \bot , \top . \bot), [\perp] . \top , \top . \bot))$
 $([\perp] . \bot , \top . \bot), [\perp] . \top , \top . \top))$
 $([\perp] . \bot , \top . \bot), [\perp] . \top , \top . \neg))$
 $([\perp] . \bot , \top . \bot), [\perp] . \neg , \top . \bot))$
 $([\perp] . \bot , \top . \bot), [\perp] . \neg , \top . \top))$
 $([\perp] . \bot , \top . \bot), [\perp] . \neg , \top . \neg))$
 $([\perp] . \bot , \top . \bot), [\perp] . \bot , \top . \bot])$
 $([\perp] . \bot , \top . \bot), [\perp] . \bot , \top . \top])$
 $([\perp] . \bot , \top . \bot), [\perp] . \bot , \top . \neg])$
 $([\perp] . \bot , \top . \bot), [\perp] . \top , \top . \bot])$
 $([\perp] . \bot , \top . \bot), [\perp] . \top , \top . \top])$
 $([\perp] . \bot , \top . \bot), [\perp] . \top , \top . \neg])$
 $([\perp] . \bot , \top . \bot), [\perp] . \neg , \top . \bot])$
 $([\perp] . \bot , \top . \bot), [\perp] . \neg , \top . \top])$
 $([\perp] . \bot , \top . \top), (\bot . \bot , \top . \top))$
 $([\perp] . \bot , \top . \top), (\bot . \bot , \top . \neg))$
 $([\perp] . \bot , \top . \top), (\bot . \top , \top . \bot))$
 $([\perp] . \bot , \top . \top), (\bot . \top , \top . \top))$
 $([\perp] . \bot , \top . \top), (\bot . \top , \top . \neg))$
 $([\perp] . \bot , \top . \top), (\bot . \neg , \top . \bot))$
 $([\perp] . \bot , \top . \top), (\bot . \neg , \top . \top))$

$([\perp, \perp], \top, \top), [\perp, \top], \top, \perp)$
 $([\perp, \perp], \top, \top), [\perp, \top], \top, \top)$
 $([\perp, \perp], \top, \top), [\perp, \top], \top, \top)$
 $([\perp, \perp], \top, \top), (\perp, \perp], \top, \perp)$
 $([\perp, \perp], \top, \top), (\perp, \perp], \top, \top)$
 $([\perp, \perp], \top, \top), (\perp, \perp], \top, \top)$
 $([\perp, \perp], \top, \top), (\perp, \top], \top, \perp)$
 $([\perp, \perp], \top, \top), (\perp, \top], \top, \top)$
 $([\perp, \perp], \top, \top), (\perp, \top], \top, \top)$
 $([\perp, \perp], \top, \top), (\perp, \top], \top, \perp)$
 $([\perp, \perp], \top, \top), (\perp, \top], \top, \top)$
 $([\perp, \perp], \top, \top), (\perp, \top], \top, \top)$
 $([\perp, \perp], \top, \top), (\perp, \perp], \top, \perp)$
 $([\perp, \perp], \top, \top), (\perp, \perp], \top, \top)$
 $([\perp, \perp], \top, \top), (\perp, \perp], \top, \top)$
 $([\perp, \perp], \top, \top), (\perp, \top], \top, \perp)$
 $([\perp, \perp], \top, \top), (\perp, \top], \top, \top)$
 $([\perp, \perp], \top, \top), (\perp, \top], \top, \top)$
 $([\perp, \perp], \top, \top), (\perp, \top], \top, \perp)$
 $([\perp, \perp], \top, \top), (\perp, \top], \top, \top)$
 $([\perp, \perp], \top, \top), (\perp, \top], \top, \top)$
 $([\perp, \perp], \top, \top), [\perp, \perp], \top, \perp)$
 $([\perp, \perp], \top, \top), [\perp, \perp], \top, \top)$
 $([\perp, \perp], \top, \top), [\perp, \perp], \top, \top)$
 $([\perp, \perp], \top, \top), [\perp, \top], \top, \perp)$

$([\perp] . \perp , \top . \top), [\perp] . \top , \top . \top))$
 $([\perp] . \perp , \top . \top), [\perp] . \top , \top . \top))$
 $([\perp] . \perp , \top . \top), [\perp] . \top , \top . \perp))$
 $([\perp] . \perp , \top . \top), [\perp] . \top , \top . \top))$
 $([\perp] . \perp , \top . \top), [\perp] . \top , \top . \top))$
 $([\perp] . \perp , \top . \top), [\perp] . \perp , \top . \perp])$
 $([\perp] . \perp , \top . \top), [\perp] . \perp , \top . \top])$
 $([\perp] . \perp , \top . \top), [\perp] . \perp , \top . \top])$
 $([\perp] . \perp , \top . \top), [\perp] . \top , \top . \perp])$
 $([\perp] . \perp , \top . \top), [\perp] . \top , \top . \top])$
 $([\perp] . \perp , \top . \top), [\perp] . \top , \top . \top])$
 $([\perp] . \perp , \top . \top), [\perp] . \top , \top . \perp])$
 $([\perp] . \perp , \top . \top), [\perp] . \top , \top . \top])$
 $([\perp] . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $([\perp] . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $([\perp] . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $([\perp] . \top , \top . \perp), (\perp . \top , \top . \top))$
 $([\perp] . \top , \top . \perp), (\perp . \top , \top . \top))$
 $([\perp] . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $([\perp] . \top , \top . \perp), (\perp . \top , \top . \top))$
 $([\perp] . \top , \top . \perp), (\perp . \top , \top . \top))$
 $([\perp] . \top , \top . \perp), (\perp . \perp , \top . \perp])$
 $([\perp] . \top , \top . \perp), (\perp . \perp , \top . \top])$
 $([\perp] . \top , \top . \perp), (\perp . \top , \top . \perp])$

$(\perp . \Gamma, \Gamma.\perp), (\perp . \Gamma, \Gamma.\perp)$
 $(\perp . \Gamma, \Gamma.\perp), (\perp . \Gamma, \Gamma.\Gamma)$
 $(\perp . \Gamma, \Gamma.\perp), (\perp . \Gamma, \Gamma.\neg)$
 $(\perp . \Gamma, \Gamma.\perp), (\perp . \neg, \Gamma.\perp)$
 $(\perp . \Gamma, \Gamma.\perp), (\perp . \neg, \Gamma.\Gamma)$
 $(\perp . \Gamma, \Gamma.\perp), (\perp . \neg, \Gamma.\neg)$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\perp)$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\Gamma)$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\neg)$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\perp)$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\Gamma)$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\neg)$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\perp)$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\Gamma)$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\neg)$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\perp]$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\Gamma]$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\neg]$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\perp]$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\Gamma]$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\neg]$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\perp]$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\Gamma]$
 $(\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\neg]$
 $(\perp . \Gamma, \Gamma.\Gamma), (\perp . \perp, \Gamma.\perp)$

$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top], ([\perp.\top], [\top.\perp]))$$
$$([\perp \cdot \perp, \top \cdot \top], (\perp \cdot \top, \top \cdot \top))$$
$$([\perp.\perp], [\top.\top], ([\perp.\top], [\top.\perp]))$$
$$([\perp.\perp], [\top.\top], ([\perp.\top], [\top.\perp]))$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top], [\perp.\perp], [\top.\top]))$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top))$$
$$([\perp.\perp, \top.\top], [\perp.\perp, \top.\top]))$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top, \top.\top]))$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp]))$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp]))$$
$$([\perp.\perp], [\top.\top], [\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top], [\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top], [\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\perp], [\top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\top])$$

[illegible]

([$\perp$. Γ , Γ . Γ], [$\perp$. $\perp$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\perp$, Γ . Γ])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . Γ], [$\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . Γ], [$\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . Γ], [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . Γ], [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], ($\perp$. $\perp$, Γ . $\perp$))
([$\perp$. Γ , Γ . $\neg$], ($\perp$. $\perp$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$], ($\perp$. $\perp$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$], ($\perp$. Γ , Γ . $\perp$))
([$\perp$. Γ , Γ . $\neg$], ($\perp$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . $\neg$], ($\perp$. Γ , Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$], ($\perp$. $\neg$, Γ . $\perp$))
([$\perp$. Γ , Γ . $\neg$], ($\perp$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$], ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$], ($\perp$. $\perp$, Γ . $\perp$])
([$\perp$. Γ , Γ . $\neg$], ($\perp$. $\perp$, Γ . Γ])
([$\perp$. Γ , Γ . $\neg$], ($\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], ($\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . $\neg$], ($\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . $\neg$], ($\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$], ($\perp$. $\neg$, Γ . $\perp$])

([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.7, 1.1])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.1, 1.1])
([1.7, 1.1], [1.1, 1.7])
([1.7, 1.1], [1.1, 1.7])
([1.7, 1.1], [1.7, 1.1])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.7, 1.1])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.1, 1.1])
([1.7, 1.1], [1.1, 1.7])
([1.7, 1.1], [1.1, 1.7])
([1.7, 1.1], [1.7, 1.1])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.1, 1.1])
([1.7, 1.1], [1.1, 1.7])
([1.7, 1.1], [1.1, 1.7])

$((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$

((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))

$((\perp.\perp, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\perp, \top.\perp])$

$((\perp.\perp, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$

$((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$

$((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$

$((\perp . \Gamma, \Gamma.\perp), (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma))$

$((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \perp])$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp])$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$

$((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp])$

$((\perp, \Gamma, \Gamma.\perp], (\perp, \Gamma, \Gamma.\Gamma))$
 $((\perp, \Gamma, \Gamma.\perp], (\perp, \Gamma, \Gamma.\top))$
 $((\perp, \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\perp])$
 $((\perp, \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\Gamma))$
 $((\perp, \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\top))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\perp))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\Gamma))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top))$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top])$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\top])$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\perp])$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\Gamma])$
 $((\perp, \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top])$
 $((\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp))$
 $((\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma))$

((⌊.Γ,Γ.Π,⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.Π,⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.⌋,Γ.⌈))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.⌈))
((⌊.Γ,Γ.Π,⌊.⌈,Γ.⌋))
((⌊.Γ,Γ.Π,⌊.⌈,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.⌈,Γ.⌈))
((⌊.Γ,Γ.⌈,⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.⌈,⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.⌈,⌊.⌋,Γ.⌈))
((⌊.Γ,Γ.⌈,⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.⌈,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌈,⌊.Γ,Γ.⌈))
((⌊.Γ,Γ.⌈,⌊.⌈,Γ.⌋))
((⌊.Γ,Γ.⌈,⌊.⌈,Γ.Γ))
((⌊.Γ,Γ.⌈,⌊.⌈,Γ.⌈))
((⌊.Γ,Γ.⌈,⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.⌈,⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.⌈,⌊.⌋,Γ.⌈))
((⌊.Γ,Γ.⌈,⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.⌈,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌈,⌊.Γ,Γ.⌈))
((⌊.Γ,Γ.⌈,⌊.⌈,Γ.⌋))

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_-)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_-)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_-, [1]_-)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_-, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_-)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_-)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_-, [1]_-)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_-, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_-)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_-)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_+, [1]_+, [1]_+)$

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_-, [1]_-)$

([$\perp$. Γ , Γ . Γ), [$\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . Γ), [$\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . Γ), [$\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . Γ), [$\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . Γ), [$\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . Γ), [$\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\perp$, Γ . $\perp$))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\perp$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\perp$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. Γ , Γ . $\perp$))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. Γ , Γ . Γ))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. Γ , Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\neg$, Γ . $\perp$))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\neg$, Γ . Γ))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\neg$, Γ . $\neg$))
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\perp$, Γ . $\perp$])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\perp$, Γ . Γ])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\perp$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. Γ , Γ . $\perp$])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. Γ , Γ . Γ])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. Γ , Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\neg$, Γ . $\perp$])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\neg$, Γ . Γ])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\neg$, Γ . $\neg$])
([$\perp$. Γ , Γ . $\neg$), ($\perp$. $\perp$, Γ . $\perp$))

[illegible]

$([\perp, \perp], \Gamma, \perp), (\perp, \perp, \Gamma, \perp))$
 $([\perp, \perp], \Gamma, \perp), (\perp, \perp, \Gamma, \Gamma))$
 $([\perp, \perp], \Gamma, \perp), (\perp, \perp, \Gamma, \neg))$
 $([\perp, \perp], \Gamma, \perp), (\perp, \neg, \Gamma, \perp))$
 $([\perp, \perp], \Gamma, \perp), (\perp, \neg, \Gamma, \Gamma))$
 $([\perp, \perp], \Gamma, \perp), (\perp, \neg, \Gamma, \neg))$
 $([\perp, \perp], \Gamma, \perp), (\perp, \neg, \neg, \perp))$
 $([\perp, \perp], \Gamma, \perp), (\perp, \neg, \neg, \Gamma))$
 $([\perp, \perp], \Gamma, \perp), (\perp, \neg, \neg, \neg))$
 $([\perp, \perp], \Gamma, \perp), (\perp, \perp, \Gamma, \perp))$
 $([\perp, \perp], \Gamma, \perp), (\perp, \perp, \Gamma, \Gamma))$
 $([\perp, \perp], \Gamma, \perp), (\perp, \perp, \Gamma, \neg))$
 $([\perp, \perp], \Gamma, \perp), (\perp, \neg, \Gamma, \perp))$
 $([\perp, \perp], \Gamma, \perp), (\perp, \neg, \Gamma, \Gamma))$
 $([\perp, \perp], \Gamma, \perp), (\perp, \neg, \Gamma, \neg))$
 $([\perp, \perp], \Gamma, \perp), (\perp, \neg, \neg, \perp))$
 $([\perp, \perp], \Gamma, \perp), (\perp, \neg, \neg, \Gamma))$
 $([\perp, \perp], \Gamma, \perp), (\perp, \neg, \neg, \neg))$
 $([\perp, \perp], \Gamma, \perp), ([\perp, \perp], \Gamma, \perp))$
 $([\perp, \perp], \Gamma, \perp), ([\perp, \perp], \Gamma, \Gamma))$
 $([\perp, \perp], \Gamma, \perp), ([\perp, \perp], \Gamma, \neg))$
 $([\perp, \perp], \Gamma, \perp), ([\perp, \neg, \Gamma, \perp))$
 $([\perp, \perp], \Gamma, \perp), ([\perp, \neg, \Gamma, \Gamma))$
 $([\perp, \perp], \Gamma, \perp), ([\perp, \neg, \Gamma, \neg))$
 $([\perp, \perp], \Gamma, \perp), ([\perp, \neg, \neg, \perp))$

$([\perp]_{\perp}, \top_{\perp}, [\perp]_{\top}, \top_{\top})$
 $([\perp]_{\perp}, \top_{\perp}, [\perp]_{\top}, \top_{\top})$
 $([\perp]_{\perp}, \top_{\perp}, [\perp]_{\perp}, \top_{\perp})$
 $([\perp]_{\perp}, \top_{\perp}, [\perp]_{\perp}, \top_{\top})$
 $([\perp]_{\perp}, \top_{\perp}, [\perp]_{\perp}, \top_{\top})$
 $([\perp]_{\perp}, \top_{\perp}, [\perp]_{\top}, \top_{\perp})$
 $([\perp]_{\perp}, \top_{\perp}, [\perp]_{\top}, \top_{\top})$
 $([\perp]_{\perp}, \top_{\perp}, [\perp]_{\top}, \top_{\perp})$
 $([\perp]_{\perp}, \top_{\perp}, [\perp]_{\top}, \top_{\top})$
 $([\perp]_{\perp}, \top_{\perp}, [\perp]_{\top}, \top_{\top})$
 $([\perp]_{\perp}, \top_{\top}, (\perp_{\perp}, \top_{\perp}))$
 $([\perp]_{\perp}, \top_{\top}, (\perp_{\perp}, \top_{\top}))$
 $([\perp]_{\perp}, \top_{\top}, (\perp_{\perp}, \top_{\top}))$
 $([\perp]_{\perp}, \top_{\top}, (\perp_{\top}, \top_{\perp}))$
 $([\perp]_{\perp}, \top_{\top}, (\perp_{\top}, \top_{\top}))$
 $([\perp]_{\perp}, \top_{\top}, (\perp_{\top}, \top_{\perp}))$
 $([\perp]_{\perp}, \top_{\top}, (\perp_{\top}, \top_{\top}))$
 $([\perp]_{\perp}, \top_{\top}, (\perp_{\perp}, \top_{\perp}))$
 $([\perp]_{\perp}, \top_{\top}, (\perp_{\perp}, \top_{\top}))$
 $([\perp]_{\perp}, \top_{\top}, (\perp_{\perp}, \top_{\top}))$
 $([\perp]_{\perp}, \top_{\top}, (\perp_{\top}, \top_{\perp}))$
 $([\perp]_{\perp}, \top_{\top}, (\perp_{\top}, \top_{\top}))$

[illegible]

[illegible]

([$\perp$], $\top$], [$\perp$], [$\perp$])
([$\perp$], $\top$], [$\perp$], [$\top$])
([$\perp$], $\top$], [$\perp$], [$\top$])
([$\perp$], $\top$], [$\top$], [$\perp$])
([$\perp$], $\top$], [$\top$], [$\top$])
([$\perp$], $\top$], [$\top$], [$\top$])
([$\perp$], $\top$], [$\perp$], [$\perp$])
([$\perp$], $\top$], [$\perp$], [$\top$])
([$\perp$], $\top$], [$\perp$], [$\top$])
([$\perp$], $\top$], [$\perp$], [$\perp$]))
([$\perp$], $\top$], [$\perp$], [$\top$]))
([$\perp$], $\top$], [$\perp$], [$\top$]))
([$\perp$], $\top$], [$\top$], [$\perp$]))
([$\perp$], $\top$], [$\top$], [$\top$]))
([$\perp$], $\top$], [$\perp$], [$\perp$]))
([$\perp$], $\top$], [$\perp$], [$\top$]))
([$\perp$], $\top$], [$\perp$], [$\top$]))
([$\perp$], $\top$], [$\perp$], [$\perp$]))
([$\perp$], $\top$], [$\perp$], [$\top$]))
([$\perp$], $\top$], [$\perp$], [$\perp$]))
([$\perp$], $\top$], [$\perp$], [$\top$]))
([$\perp$], $\top$], [$\perp$], [$\top$]))
([$\perp$], $\top$], [$\perp$], [$\perp$]))
([$\perp$], $\top$], [$\perp$], [$\top$]))
([$\perp$], $\top$], [$\perp$], [$\top$]))
([$\perp$], $\top$], [$\perp$], [$\perp$]))

[illegible]

$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$
$$([\perp.\top, \top.\top], (\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], (\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\top, \top.\top], ([\perp.\top, \top.\top]))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp]))$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\sqcup.\top, \top.\top], [\sqcup.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top]))$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp]))$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top))$$
 $([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$ $([\sqcup.\top, \top.\top], [\sqcup.\sqcup, \top.\top])$ $([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\sqcup.\top, \top.\top], [\sqcup.\bot, \bot.\bot])$$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$\neg \cdot \neg 5. ((\neg \cdot \neg, \neg \cdot \neg), [\neg \cdot \neg, \neg \cdot \neg])$$

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp), [\perp.\perp, \top.\perp])$

$((\perp.\perp, \top.\perp), [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp), [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$

$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp, \top, \top, \perp), (\perp, \perp, \top, \perp))$$
$$((\perp \cdot \top, \top \cdot \perp), (\perp \cdot \perp, \top \cdot \top))$$
$$((\perp, \top, \top, \perp), (\perp, \perp, \top, \top))$$
$$((\perp \cdot \top, \top \cdot \perp), (\perp \cdot \top, \top \cdot \perp))$$
$$((\perp \cdot \top, \top \cdot \perp), (\perp \cdot \top, \top \cdot \top))$$
$$((\perp \cdot \top, \top \cdot \perp), (\perp \cdot \top, \top \cdot \top))$$
$$((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$$
$$((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$$
$$((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$$
$$((\perp, \top, \top, \perp), (\perp, \perp, \top, \perp])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp, \top, \top, \perp), (\perp, \perp, \top, \top])$$
$$((\perp \cdot \top, \top \cdot \perp), (\perp \cdot \top, \top \cdot \perp])$$
$$((\perp \cdot \top, \top \cdot \perp), (\perp \cdot \top, \top \cdot \top])$$
$$((\perp \cdot \top, \top \cdot \perp), (\perp \cdot \top, \top \cdot \top])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$$

$((\perp . \Gamma, \Gamma.\perp), (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\neg))$

$((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), [\perp . \neg, \Gamma . \Gamma])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp])$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top])$

((⌊.Γ, Γ.Γ], ⌊.⌋, Γ.Γ))
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.⌋))
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.⌋))
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], ⌊.⌋, Γ.⌋])
((⌊.Γ, Γ.Γ], ⌊.⌋, Γ.Γ))
((⌊.Γ, Γ.Γ], ⌊.⌋, Γ.Γ])
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.⌋])
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.⌋])
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ])
((⌊.Γ, Γ.⌋], (⌊.⌋, Γ.⌋))
((⌊.Γ, Γ.⌋], (⌊.⌋, Γ.Γ))
((⌊.Γ, Γ.⌋], (⌊.⌋, Γ.Γ))
((⌊.Γ, Γ.⌋], (⌊.Γ, Γ.⌋))
((⌊.Γ, Γ.⌋], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌋], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌋], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌋], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌋], (⌊.Γ, Γ.Γ))

((⌊.7, ⌈.⌋], ⌊.⌋, ⌈.⌋))
((⌊.7, ⌈.⌋], ⌊.⌋, ⌈.⌈))
((⌊.7, ⌈.⌋], ⌊.⌋, ⌈.7))
((⌊.7, ⌈.⌋], ⌊.⌈, ⌈.⌋))
((⌊.7, ⌈.⌋], ⌊.⌈, ⌈.⌈))
((⌊.7, ⌈.⌋], ⌊.⌈, ⌈.7))
((⌊.7, ⌈.⌋], ⌊.7, ⌈.⌋))
((⌊.7, ⌈.⌋], ⌊.7, ⌈.⌈))
((⌊.7, ⌈.⌋], ⌊.7, ⌈.7))
((⌊.7, ⌈.⌋], ⌊.⌋, ⌈.⌋))
((⌊.7, ⌈.⌋], ⌊.⌋, ⌈.⌈))
((⌊.7, ⌈.⌋], ⌊.⌋, ⌈.7))
((⌊.7, ⌈.⌋], ⌊.⌈, ⌈.⌋))
((⌊.7, ⌈.⌋], ⌊.⌈, ⌈.⌈))
((⌊.7, ⌈.⌋], ⌊.⌈, ⌈.7))
((⌊.7, ⌈.⌋], ⌊.7, ⌈.⌋))
((⌊.7, ⌈.⌋], ⌊.7, ⌈.⌈))
((⌊.7, ⌈.⌋], ⌊.7, ⌈.7))
((⌊.7, ⌈.⌋], ⌊.⌋, ⌈.⌋))
((⌊.7, ⌈.⌋], ⌊.⌋, ⌈.⌈))
((⌊.7, ⌈.⌋], ⌊.⌋, ⌈.7))
((⌊.7, ⌈.⌋], ⌊.⌈, ⌈.⌋))
((⌊.7, ⌈.⌋], ⌊.⌈, ⌈.⌈))
((⌊.7, ⌈.⌋], ⌊.⌈, ⌈.7))
((⌊.7, ⌈.⌋], ⌊.7, ⌈.⌋))
((⌊.7, ⌈.⌋], ⌊.7, ⌈.⌈))
((⌊.7, ⌈.⌋], ⌊.7, ⌈.7))

$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\sqcup, \top.\top])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup])$$
$$((\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top], (\perp.\perp, \top.\perp))$$
$$((\perp.\top, \top.\top], (\perp.\perp, \top.\top))$$
$$((\perp.\top, \top.\top], (\perp.\perp, \top.\top))$$
$$((\perp.\top, \top.\top], (\perp.\top, \top.\perp))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top], (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top], (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\top], (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top], (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp.\top, \top.\top], (\perp.\perp, \top.\top])$$
$$((\perp.\top, \top.\top], (\perp.\perp, \top.\top])$$

[illegible]

$([\perp] . \perp , \top . \perp) , [\perp] . \top , \top . \top)$
 $([\perp] . \perp , \top . \perp) , [\perp] . \perp , \top . \perp]$
 $([\perp] . \perp , \top . \perp) , [\perp] . \perp , \top . \top]$
 $([\perp] . \perp , \top . \perp) , [\perp] . \perp , \top . \top]$
 $([\perp] . \perp , \top . \perp) , [\perp] . \top , \top . \perp]$
 $([\perp] . \perp , \top . \perp) , [\perp] . \top , \top . \top]$
 $([\perp] . \perp , \top . \perp) , [\perp] . \top , \top . \top]$
 $([\perp] . \perp , \top . \perp) , [\perp] . \top , \top . \perp]$
 $([\perp] . \perp , \top . \perp) , [\perp] . \top , \top . \top]$
 $([\perp] . \perp , \top . \top) , (\perp . \perp , \top . \top)$
 $([\perp] . \perp , \top . \top) , (\perp . \perp , \top . \top)$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \perp)$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \top)$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \top)$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \perp)$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \top)$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \top)$
 $([\perp] . \perp , \top . \top) , (\perp . \perp , \top . \perp]$
 $([\perp] . \perp , \top . \top) , (\perp . \perp , \top . \top]$
 $([\perp] . \perp , \top . \top) , (\perp . \perp , \top . \top]$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \perp]$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \top]$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \top]$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \perp]$

$([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 1])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 1])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 1])$
 $([1, 1], [7, 1]), ([1, 1], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 1])$

$([\perp, \perp], \Gamma, \Gamma), [\perp, \perp], \Gamma, \perp))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \perp], \Gamma, \Gamma))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \perp], \Gamma, \neg))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \Gamma, \perp))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \Gamma, \Gamma))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \Gamma, \neg))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \neg, \perp))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \neg, \Gamma))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \neg, \neg))$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \perp], \Gamma, \perp)$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \perp], \Gamma, \Gamma)$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \perp], \Gamma, \neg)$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \Gamma, \perp)$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \Gamma, \Gamma)$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \Gamma, \neg)$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \neg, \perp)$
 $([\perp, \perp], \Gamma, \Gamma), [\perp, \neg, \neg, \Gamma)$
 $([\perp, \perp], \Gamma, \neg), (\perp, \perp], \Gamma, \perp))$
 $([\perp, \perp], \Gamma, \neg), (\perp, \perp], \Gamma, \Gamma))$
 $([\perp, \perp], \Gamma, \neg), (\perp, \perp], \Gamma, \neg))$
 $([\perp, \perp], \Gamma, \neg), (\perp, \neg, \Gamma, \perp))$
 $([\perp, \perp], \Gamma, \neg), (\perp, \neg, \Gamma, \Gamma))$
 $([\perp, \perp], \Gamma, \neg), (\perp, \neg, \Gamma, \neg))$
 $([\perp, \perp], \Gamma, \neg), (\perp, \neg, \neg, \perp))$

([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.1], [1.1]))
([1.1], [1.7], ([1.1], [1.7]))
([1.1], [1.7], ([1.1], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.1], [1.1]))
([1.1], [1.7], ([1.1], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.1], [1.1]))
([1.1], [1.7], ([1.1], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
([1.1], [1.7], ([1.7], [1.7]))

$([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp))$

[illegible]

$([1, 1, 1], [1, 1, 1])$
 $([1, 1, 1], [1, 1, 2])$
 $([1, 1, 1], [1, 2, 1])$
 $([1, 1, 1], [1, 2, 2])$
 $([1, 1, 1], [2, 1, 1])$
 $([1, 1, 1], [2, 1, 2])$
 $([1, 1, 1], [2, 2, 1])$
 $([1, 1, 1], [2, 2, 2])$
 $([1, 1, 2], [1, 1, 1])$
 $([1, 1, 2], [1, 1, 2])$
 $([1, 1, 2], [1, 2, 1])$
 $([1, 1, 2], [1, 2, 2])$
 $([1, 1, 2], [2, 1, 1])$
 $([1, 1, 2], [2, 1, 2])$
 $([1, 1, 2], [2, 2, 1])$
 $([1, 1, 2], [2, 2, 2])$
 $([1, 2, 1], [1, 1, 1])$
 $([1, 2, 1], [1, 1, 2])$
 $([1, 2, 1], [1, 2, 1])$
 $([1, 2, 1], [1, 2, 2])$
 $([1, 2, 1], [2, 1, 1])$
 $([1, 2, 1], [2, 1, 2])$
 $([1, 2, 1], [2, 2, 1])$
 $([1, 2, 1], [2, 2, 2])$
 $([1, 2, 2], [1, 1, 1])$
 $([1, 2, 2], [1, 1, 2])$
 $([1, 2, 2], [1, 2, 1])$
 $([1, 2, 2], [1, 2, 2])$
 $([1, 2, 2], [2, 1, 1])$
 $([1, 2, 2], [2, 1, 2])$
 $([1, 2, 2], [2, 2, 1])$
 $([1, 2, 2], [2, 2, 2])$

[illegible]

