

Fortsetzung

1.

4. $\neg \neg . (\neg . \neg , \neg . \neg), (\neg . \neg , \neg . \neg)$

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

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

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

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

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

[illegible]

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

[illegible]

[illegible]

([\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 . 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])
([\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])

[illegible]

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

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

4.7 4. $([a, b], [c, d])$

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

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

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

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

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

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

[illegible]

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

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

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

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

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

[illegible]

[illegible]

((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))

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

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

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

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

[illegible]

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

4.7 5. $([1, 7], [7, 1]), ([1, 7], [7, 7])$

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

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

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

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

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

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

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

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

[illegible]

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

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

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

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

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

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

[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 . ⌋))

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

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

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

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

4.7 6. $([1, 7], [7, 1], [1, 7], [7, 1])$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

([J .J , Γ.Γ), ([J .J , Γ.Γ))
([J .J , Γ.Γ), ([J .Γ , Γ.J))
([J .J , Γ.Γ), ([J .Γ , Γ.Γ))
([J .J , Γ.Γ), ([J .Γ , Γ.Γ))
([J .J , Γ.Γ), ([J .Γ , Γ.J))
([J .J , Γ.Γ), ([J .Γ , Γ.Γ))
([J .J , Γ.Γ), ([J .Γ , Γ.Γ))
([J .J , Γ.Γ), ([J .J , Γ.J))
([J .J , Γ.Γ), ([J .J , Γ.Γ))
([J .J , Γ.Γ), ([J .J , Γ.Γ))
([J .J , Γ.Γ), ([J .Γ , Γ.J))
([J .J , Γ.Γ), ([J .Γ , Γ.Γ))
([J .J , Γ.Γ), ([J .Γ , Γ.Γ))
([J .J , Γ.Γ), ([J .Γ , Γ.J))
([J .J , Γ.Γ), ([J .Γ , Γ.Γ))
([J .J , Γ.Γ), ([J .J , Γ.J))
([J .J , Γ.Γ), ([J .J , Γ.Γ))
([J .J , Γ.Γ), ([J .J , Γ.Γ))
([J .J , Γ.Γ), ([J .Γ , Γ.J))
([J .J , Γ.Γ), ([J .Γ , Γ.Γ))
([J .J , Γ.Γ), ([J .Γ , Γ.Γ))
([J .J , Γ.Γ), ([J .Γ , Γ.Γ))
([J .J , Γ.Γ), ([J .Γ , Γ.Γ))

([\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])
([\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))

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

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

[illegible]

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

[illegible]

[illegible]

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

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

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

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

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

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

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

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

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

4.7 7. $([1.7], [1.7]), [1.1], [1.7])$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp, \cdot, \perp), (\perp, \cdot, \perp))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lfloor \cdot \rfloor), [\lceil \cdot \rceil, \lfloor \cdot \rfloor])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
 $((1, 1, 1, 1), (1, 1, 1, 1))$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$

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

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

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

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

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

((⌊.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.⌋))

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

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

[illegible]

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

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

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

[illegible]

[illegible]

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

[illegible]

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

([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.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.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.א])

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

((⌊.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, ⌈.⌋), [⌊.⌈, ⌈.⌈))

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

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

[illegible]

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

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

[illegible]

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

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

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

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

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

[illegible]

([\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 . \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 . \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))

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

4.7 $\Gamma_0. ([a, b], [c, d])$

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

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

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

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

((⌊.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, ⌈.⌈])

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

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

[illegible]

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

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

[illegible]

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

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

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

[illegible]

[illegible]

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

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

4.7 $[a, b].([c, d], [e, f])$

$(([a, b], [c, d]), ([e, f], [g, h]))$

$(([a, b], [c, d]), ([e, f], [i, j]))$

$(([a, b], [c, d]), ([e, f], [k, l]))$

$(([a, b], [c, d]), ([e, f], [m, n]))$

$(([a, b], [c, d]), ([e, f], [o, p]))$

$(([a, b], [c, d]), ([e, f], [q, r]))$

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

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

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

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

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

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

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

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

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

((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])

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

$([\perp]_-, [\top]_+), ([\perp]_-, [\top]_+)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_-)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_+)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_+)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_-)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_+)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_-)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_+)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_+)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_-)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_+)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_-)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_+)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_+)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_-)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_+)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_+)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_-)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_+)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_+)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_-)$
 $([\perp]_-, [\top]_+), ([\perp]_-, [\top]_+)$

[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 . ⊔])

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

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

4.7 $[7, 1].([1, 7], [7, 1], [1, 7], [7, 1])$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]

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

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

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

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

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

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

([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.2])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.2, 1.1])
([1.7, 1.7], [1.2, 1.2])
([1.7, 1.7], [1.2, 1.7])
([1.7, 1.7], [1.7, 1.1])
([1.7, 1.7], [1.7, 1.2])
([1.7, 1.7], [1.7, 1.7])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.2])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.2, 1.1])
([1.7, 1.7], [1.2, 1.2])
([1.7, 1.7], [1.2, 1.7])
([1.7, 1.7], [1.7, 1.1])
([1.7, 1.7], [1.7, 1.2])
([1.7, 1.7], [1.7, 1.7])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.2])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.2, 1.1])
([1.7, 1.7], [1.2, 1.2])
([1.7, 1.7], [1.2, 1.7])
([1.7, 1.7], [1.7, 1.1])

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

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

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

$([1, 2, 3], [1, 2, 3])$
 $([1, 2, 3], [1, 2, 4])$
 $([1, 2, 3], [1, 2, 5])$
 $([1, 2, 3], [1, 3, 4])$
 $([1, 2, 3], [1, 3, 5])$
 $([1, 2, 3], [1, 4, 5])$
 $([1, 2, 3], [2, 3, 4])$
 $([1, 2, 3], [2, 3, 5])$
 $([1, 2, 3], [2, 4, 5])$
 $([1, 2, 3], [1, 2, 3, 4])$
 $([1, 2, 3], [1, 2, 3, 5])$
 $([1, 2, 3], [1, 2, 4, 5])$
 $([1, 2, 3], [1, 3, 4, 5])$
 $([1, 2, 3], [2, 3, 4, 5])$
 $([1, 2, 3], [1, 2, 3, 4, 5])$
 $([1, 2, 3], [1, 2, 3, 4, 6])$
 $([1, 2, 3], [1, 2, 3, 5, 6])$
 $([1, 2, 3], [1, 2, 4, 5, 6])$
 $([1, 2, 3], [1, 3, 4, 5, 6])$
 $([1, 2, 3], [2, 3, 4, 5, 6])$
 $([1, 2, 3], [1, 2, 3, 4, 5, 6])$
 $([1, 2, 3], [1, 2, 3, 4, 5, 7])$
 $([1, 2, 3], [1, 2, 3, 5, 6, 7])$
 $([1, 2, 3], [1, 2, 4, 5, 6, 7])$
 $([1, 2, 3], [1, 3, 4, 5, 6, 7])$
 $([1, 2, 3], [2, 3, 4, 5, 6, 7])$
 $([1, 2, 3], [1, 2, 3, 4, 5, 6, 7])$

[illegible]

[illegible]

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

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

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

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

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

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

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

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

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

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

4. $[a, b].([a, b], [a, d])$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

((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.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.ה, א.א])
((א.ה, א.ה], [א.ה, א.א])

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

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

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

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

[illegible]

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

[illegible]

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

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

((⌊.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, ⌈.⌋))

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

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

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

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

[illegible]

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

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

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

[illegible]

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

[illegible]

([\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])

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

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

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

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

5. Abgeschlossene Zeichenkonnexe

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

((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])
((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))
((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])

([\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))

([\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 . 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 . \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))

[illegible]

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

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]

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

[illegible]

[illegible]

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

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

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

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

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

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

[illegible]

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

5.7. $([c, d], [c, d])$

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

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

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

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

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

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

((⌊.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))

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

((⌊.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.Γ))
((⌊.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.Γ))
((⌊.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))

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

[illegible]

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

((ג.ה , ד.ה],(ג.ה , ד.ד))
 ((ג.ה , ד.ה],(ג.ה , ד.ה))
 ((ג.ה , ד.ה],[ג.ג , ד.ג))
 ((ג.ה , ד.ה],[ג.ג , ד.ד))
 ((ג.ה , ד.ה],[ג.ג , ד.ה))
 ((ג.ה , ד.ה],[ג.ד , ד.ג))
 ((ג.ה , ד.ה],[ג.ד , ד.ד))
 ((ג.ה , ד.ה],[ג.ד , ד.ה))
 ((ג.ה , ד.ה],[ג.ה , ד.ג))
 ((ג.ה , ד.ה],[ג.ה , ד.ד))
 ((ג.ה , ד.ה],[ג.ה , ד.ה))
 ((ג.ה , ד.ה],[ג.ג , ד.ג))
 ((ג.ה , ד.ה],[ג.ג , ד.ד))
 ((ג.ה , ד.ה],[ג.ג , ד.ה))
 ((ג.ה , ד.ה],[ג.ד , ד.ג))
 ((ג.ה , ד.ה],[ג.ד , ד.ד))
 ((ג.ה , ד.ה],[ג.ד , ד.ה))
 ((ג.ה , ד.ה],[ג.ה , ד.ג))
 ((ג.ה , ד.ה],[ג.ה , ד.ד))
 ((ג.ה , ד.ה],[ג.ה , ד.ה))
 ([ג.ג , ד.ג),(ג.ג , ד.ג))
 ([ג.ג , ד.ג),(ג.ג , ד.ד))
 ([ג.ג , ד.ג),(ג.ג , ד.ה))
 ([ג.ג , ד.ג),(ג.ד , ד.ג))
 ([ג.ג , ד.ג),(ג.ד , ד.ד))

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

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

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

([\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 . \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])

[illegible]

[illegible]

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

5.4. $([1.1, 1.1], [1.7, 1.1])$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

([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], [1.1, 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])

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

[illegible]

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

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

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

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

5.5. $([1.7, 1.7], [1.7, 1.7])$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]

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

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

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

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

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

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

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

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

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

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

[illegible]

[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 . ⊥]))

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

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

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

((⌊.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))

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

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

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

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

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

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

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

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

((\gamma, \beta, (\alpha, \gamma, \beta)))
((\gamma, \beta, (\alpha, \gamma, \alpha)))
((\gamma, \beta, (\alpha, \gamma, \beta)))
((\gamma, \beta, (\alpha, \gamma, \beta)))
((\gamma, \beta, (\alpha, \alpha, \alpha)))
((\gamma, \beta, (\alpha, \alpha, \beta)))
((\gamma, \beta, (\alpha, \alpha, \gamma)))
((\gamma, \beta, (\alpha, \gamma, \alpha)))
((\gamma, \beta, (\alpha, \gamma, \beta)))
((\gamma, \beta, (\alpha, \gamma, \gamma)))
((\gamma, \beta, (\alpha, \gamma, \alpha)))
((\gamma, \beta, (\alpha, \gamma, \beta)))
((\gamma, \beta, (\alpha, \gamma, \gamma)))
((\gamma, \beta, (\alpha, \alpha, \alpha)))
((\gamma, \beta, (\alpha, \alpha, \beta)))
((\gamma, \beta, (\alpha, \alpha, \gamma)))
((\gamma, \beta, (\alpha, \gamma, \alpha)))
((\gamma, \beta, (\alpha, \gamma, \beta)))
((\gamma, \beta, (\alpha, \gamma, \gamma)))
((\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)))

((⌊.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, ⌈.⌈))

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

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

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

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

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]

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

[illegible]

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

[illegible]

([\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 . 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 . \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))

5.8. ($\lfloor \cdot \rfloor, \lceil \cdot \rceil$, ($\lfloor \cdot \rfloor, \lceil \cdot \rceil$))

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

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

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

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

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

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

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

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

[illegible]

[illegible]

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

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

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

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]

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

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

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

[illegible]

[illegible]

((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))

((ג.ה , ח.ה],(ג.ה , ח.ג])
 ((ג.ה , ח.ה],(ג.ה , ח.ד])
 ((ג.ה , ח.ה],(ג.ה , ח.ה])
 ((ג.ה , ח.ה],[ג.ג , ח.ג))
 ((ג.ה , ח.ה],[ג.ג , ח.ד))
 ((ג.ה , ח.ה],[ג.ג , ח.ה))
 ((ג.ה , ח.ה],[ג.ד , ח.ג))
 ((ג.ה , ח.ה],[ג.ד , ח.ד))
 ((ג.ה , ח.ה],[ג.ד , ח.ה))
 ((ג.ה , ח.ה],[ג.ה , ח.ג))
 ((ג.ה , ח.ה],[ג.ה , ח.ד))
 ((ג.ה , ח.ה],[ג.ה , ח.ה))
 ((ג.ה , ח.ה],[ג.ג , ח.ג])
 ((ג.ה , ח.ה],[ג.ג , ח.ד])
 ((ג.ה , ח.ה],[ג.ג , ח.ה])
 ((ג.ה , ח.ה],[ג.ד , ח.ג])
 ((ג.ה , ח.ה],[ג.ד , ח.ד])
 ((ג.ה , ח.ה],[ג.ד , ח.ה])
 ((ג.ה , ח.ה],[ג.ה , ח.ג])
 ((ג.ה , ח.ה],[ג.ה , ח.ד])
 ((ג.ה , ח.ה],[ג.ה , ח.ה])
 ([ג.ג , ח.ג),(ג.ג , ח.ג))
 ([ג.ג , ח.ג),(ג.ג , ח.ד))
 ([ג.ג , ח.ג),(ג.ג , ח.ה))
 ([ג.ג , ח.ג),(ג.ד , ח.ג))

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

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

[illegible]

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

[illegible]

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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