

↵ | ⊥(φ) ⊢ ( ) ⊢ Σ<sup>TM</sup> {Σ | φ ⊢ φ} ⊢ ( ) ⊢ Σ | {Σ | Σ<sup>TM</sup> φ} ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ  
 ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ  
 ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ  
 { ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ | ⊢ ( ) ⊢ Σ

$\neq$	$T^M \cup \{e\}$	$\otimes \text{LR} \setminus \{e\}$	$\nabla \square \Sigma^T \setminus \{ \Sigma \} \cap K \oplus \{ \square \otimes \{K \oplus \{ \square \} \} \} \oplus \{ \square \} \cup \{ \square \}$
1	$\angle \square \{ \otimes \text{RL}^T \} \cup \{ \square \text{ RL} \}$ $\otimes \text{TM} \setminus \{ \square \otimes \{ \square \} \}$	$\otimes \square \Sigma \setminus \{ \square \}$	$\langle \square \otimes \{ \square \} \rangle$
3	$\subseteq \Gamma \{ \otimes \oplus \Sigma \} \circ \text{RL} \circ$ $\text{TM} \setminus \{ \square \otimes \{ \square \} \}$	$\rho \otimes \{ \square \} \circ \Gamma \otimes \Sigma$	$\langle \otimes \oplus \Sigma \rangle$
4	$\notin \Gamma \{ \otimes \oplus \text{LR} \} \circ \text{RL} \circ \text{RL} \circ$ $\square \otimes \{ \square \}$	$\cap \otimes \{ \Sigma \} \cap T^M \square \Sigma \setminus \{ \square \} \oplus \{ \square \} \otimes \{ \Sigma \}$	$\text{LR} \circ \text{RL}$
5	$\subset \Gamma \{ \otimes \} \circ \{ \square \} \subseteq \{ \otimes \} \setminus \{ \square \}$ $\square \uparrow \{ \square \} \Sigma \otimes \{ \square \}$	$\cap \otimes \{ \Sigma \} \cap T^M \square \Sigma \setminus \{ \square \} \oplus \{ \square \} \otimes \{ \Sigma \} \cap \{ \otimes \} \circ \{ \square \}$	$\Gamma \{ \otimes \} \circ \{ \square \} \subseteq$
6	$\exists \Gamma \{ \otimes \text{RL} \} \cup \{ \text{RL}^T \}$ $\square \otimes \{ \square \}$	$\cap \otimes \{ \Sigma \} \cap T^M \square \Sigma \setminus \{ \square \} \oplus \{ \square \} \otimes \{ \Sigma \}$	$\text{RL} \Sigma$

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