Laws of Form Reference

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Axioms

$ \overline{p} p =$	(Position J1)
$\overline{\overline{p}\overline{r}\overline{q}\overline{r}} = \overline{\overline{p}\overline{q}} r$	(Transposition J2)

Consequences

$$|\overline{a}| = a \qquad \qquad \text{(Reflexion C1)}$$

$$|\overline{a}| b| b = \overline{a}| b \qquad \qquad \text{(Generation C2)}$$

$$|\overline{a}| a = \overline{} \qquad \qquad \text{(Integration C3)}$$

$$|\overline{a}| b| a = a \qquad \qquad \text{(Occultation C4)}$$

$$|\overline{a}| b| |\overline{a}| b| = a \qquad \qquad \text{(Iteration C5)}$$

$$|\overline{a}| b| c| = \overline{a} c |\overline{b}| c| \qquad \qquad \text{(Extension C6)}$$

$$|\overline{a}| b| c| = \overline{a} c |\overline{b}| c| \qquad \qquad \text{(Echelon C7)}$$

$$|\overline{a}| \overline{b}| \overline{c}| \overline{c}| = \overline{a} |\overline{b}| c| \overline{a} |\overline{r}| \qquad \qquad \text{(Modified transposition C8)}$$

$$|\overline{a}| \overline{b}| \overline{c}| \overline{c}| \overline{c}| = \overline{r} a b |\overline{r} x y| \qquad \text{(Crosstransposition C9)}$$

Corollaries

Metatheorems

$$\overline{a_1 r} \overline{a_2 r} \dots \overline{a_n r} = \overline{a_1} \overline{a_2} \dots \overline{a_n} r$$
 (J2*)

$$\overline{a_1 r} \overline{a_2 r} \dots \overline{a_n r} = \overline{\overline{a_1} \overline{a_2} \dots \overline{a_n} r}$$
 (J2.1*)

$$\overline{\overline{a_n b | \dots | a_2|}} a_1 b = \overline{\overline{a_n | \dots | a_2|}} a_1 b$$
(C2*)

$$\overline{a} |\overline{b_1 r} |\overline{b_2 r} | \dots |\overline{b_n r}| = \overline{a} |\overline{b_1} |\overline{b_2} | \dots |\overline{b_n}| |\overline{a} |\overline{r}|$$
(C8*)

$$\overline{a_1} | \overline{r} | \overline{a_2} | \overline{r} | \dots \overline{a_n} | \overline{r} | \overline{x_1} | \overline{r} | \overline{x_2} | \overline{r} | \dots \overline{x_m} | \overline{r} |$$

 $= \overline{r|a_1 a_2 \dots a_n|} \overline{r x_1 x_2 \dots x_m|} \tag{C9*}$

For all even $n \geq 2$:

$$\overline{\overline{a_n} | \dots | a_2|} | a_1| = \overline{a_n} | a_{n-1} \dots a_3 a_1 | \dots \overline{a_4} | a_3 a_1 | \overline{a_2} | a_1 |$$
and
$$(C7.1^*)$$

$$\overline{\overline{a_{n+1}} \mid a_n \mid \dots \mid a_2 \mid a_1 \mid}$$

$$= \overline{a_{n+1}a_{n-1}\dots a_3a_1} \overline{a_n} \overline{a_{n-1}\dots a_3a_1} \dots \overline{a_4} \overline{a_3a_1} \overline{a_2} \overline{a_1}$$
 (C7.2*)