

-- cycleLawA . txt

formula_list(usable) -- corollary of Schröder's cycle law

$$[\forall x, \forall y, \forall z \mid x \cap z \circ y \overset{\sim}{=} \emptyset \rightarrow z \cap x \circ y = \emptyset]$$

end_of_list

-- cycleLawsB . txt

formula_list(usable) -- siblings of Schröder's cycle law

$$[\forall x, \forall y, \forall z \mid y \cap x \circ (z \cap \overline{x \overset{\sim}{\circ} y}) = \emptyset]$$

$$[\forall x, \forall y, \forall z, \forall v \mid x \circ z \cap y = ((x \cap v) \circ z \cup (x \cap \bar{v}) \circ z) \cap y]$$

$$[\forall x, \forall y, \forall z \mid y \cap (x \cap y \circ z \overset{\sim}{\circ}) \circ z = \emptyset]$$

end_of_list

-- cycleLawC . txt

formula_list(usable) -- yet another sibling of Schröder's cycle law

$$[\forall x, \forall y, \forall z \mid y \cap (x \cap y \circ z \overset{\sim}{\circ}) \circ z = x \circ z \cap y]$$

end_of_list