For every point x get

$$\sigma_f(x) = \left\{ u \in \bigcup f \mid \operatorname{dom} u = \langle \mu \rangle^* \{x\} \right\}.$$

$q_f = \bigsqcup_{x \in \operatorname{Ob} \mu} \sigma_f(x)$.

$$f \left[\nu' \right] g \Leftrightarrow \exists x \in \operatorname{Ob} \mu : \bigsqcup q_f \left[\nu / \langle \mu \rangle^* \{x\} \right] \bigsqcup q_g.$$

or

$$f \left[\nu' \right] g \Leftrightarrow \nu \circ q_f = \nu \circ q_g.$$

[TODO: How to define galufuncoids corresponding to the above formulas (if at all possible)?]
$\exists x \in D : f \left[\nu(x) \right] g \Leftrightarrow \exists x \in D : g \not\asymp \langle \nu(x) \rangle f \Leftrightarrow ?? \Leftrightarrow g \not\asymp \bigsqcup_{x \in D} \nu(x)$.
The ?? does not generally hold: our lattices are co-brouwerian not brouwerian!

The above formula holds if g is a discrete reloids. So replace every funcoid $f \in \operatorname{SLA}(\operatorname{Ob} \nu)$ with $(\mathsf{RLD})_{\mathrm{in}} f$. Then continue for arbitrary reloids.

Another try: $\langle \nu' \rangle x = \nu \circ \bigsqcup \bigcup x$

$y \not\asymp \langle \nu' \rangle x \Leftrightarrow y \not\asymp \nu \circ \bigsqcup \bigcup x \Leftrightarrow \nu \not\asymp y \circ \left(\bigsqcup \bigcup x \right)^{-1} \Leftrightarrow \nu^{-1} \not\asymp \left(\bigsqcup \bigcup x \right) \circ y^{-1}$ [FIXME: x and y are of different types.]

$x \not\asymp \langle \nu^{-1} \rangle y \Leftrightarrow x \not\asymp \nu^{-1} \circ \bigsqcup \bigcup y$

The rest

One more other definition:

$$f \left[\nu'' \right] g \Leftrightarrow \left(\bigsqcup \bigcup g \right)^{-1} \circ \nu \circ \left(\bigsqcup \bigcup f \right) \neq 0$$

Yahoo! $(i \cup j) \left[\nu'' \right] g \Leftrightarrow i \left[\nu'' \right] g \vee j \left[\nu'' \right] g$ etc.

Proof. $(i \cup j) \left[\nu'' \right] g \Leftrightarrow \left(\bigsqcup \bigcup g \right)^{-1} \circ \nu \circ \left(\bigsqcup \bigcup (i \cup j) \right) \neq 0 \Leftrightarrow \left(\bigsqcup \bigcup g \right)^{-1} \circ \nu \circ \left(\left(\bigsqcup \bigcup i \right) \sqcup \left(\bigsqcup \bigcup j \right) \right) \neq 0 \Leftrightarrow \left(\bigsqcup \bigcup g \right)^{-1} \circ \nu \circ \left(\bigsqcup \bigcup i \right) \sqcup \left(\bigsqcup \bigcup g \right)^{-1} \circ \nu \circ \left(\bigsqcup \bigcup j \right) \neq 0 \Leftrightarrow \left(\bigsqcup \bigcup g \right)^{-1} \circ \nu \circ \left(\bigsqcup \bigcup i \right) \neq 0 \vee \left(\bigsqcup \bigcup g \right)^{-1} \circ \nu \circ \left(\bigsqcup \bigcup j \right) \neq 0 \Leftrightarrow i \left[\nu'' \right] g \vee j \left[\nu'' \right] g$ □

Proposition 24. ν'' is a galufuncoid.

Proof. ?? □

An attempt of an alternate definition:

$f \left[\nu^* \right] g \Leftrightarrow \operatorname{xlim} f \circ \nu \circ \operatorname{xlim} g \neq 0$ [FIXME: Does this make sense?] [TODO: Differentiate generalized limit as a set of funcoids or its variation as a funcoid-value function.]

Proposition 25. $\operatorname{xlim} f \in \operatorname{SLA}(\operatorname{Ob} \nu)$ if $f \in \mathsf{FCD}(\operatorname{Ob} \mu; \operatorname{Ob} \nu) \setminus \left\{ 0^{\mathsf{FCD}(\operatorname{Ob} \mu; \operatorname{Ob} \nu)} \right\}$.

Proof. ?? □

Proposition 26. $\tau(x) \in \operatorname{SLA}(\operatorname{Ob} \nu)$.

Proof. ?? □