

Restriction of a reloid

Restriction of a reloid f to a filter \mathcal{A} is defined by the formula

$$f|_{\mathcal{A}} = f \circ \text{id}_{\mathcal{A}}$$

or

$$f|_{\mathcal{A}} = f \sqcap (\mathcal{A} \times^{\text{RLD}} \mathbb{1}_{\mathfrak{F}(\text{Base}(\mathcal{A}))}).$$