

13.6 Domain and range of a pointfree funcoïd: The definition and properties of funcoïd image (and domain) are rewritten.

13.7 Category of pointfree funcoïds:  $I_{\mathcal{A}}^{\text{FCD}(\mathfrak{A})} \rightarrow \text{id}_{\mathcal{A}}^{\text{FCD}(\mathfrak{A})}$

Theorem 13.59 and its proof: 1.  $\subseteq \rightarrow \sqsubseteq$ ; 2.  $\text{up} \rightarrow \text{up}^{(\mathfrak{A}; \mathfrak{Z}_0)}$ .

Proof of proposition 13.64: More detailed proof.

Proof of proposition 13.65:  $\subseteq \rightarrow \sqsubseteq$ .

Proposition 13.72: meet-semilattice  $\rightarrow$  meet-semilattice with least element.

Proof of theorem 13.73: Corrected wrong theorem reference.

Proof of theorem 13.75:  $\mathfrak{B} \rightarrow \text{FCD}(\mathfrak{A}; \mathfrak{B})$ .

Proposition 13.79:  $\sqcup \rightarrow \cup$ .

Proof of proposition 13.80:  $\cup \rightarrow \sqcup$ .

Theorem 13.88:  $\langle f \rangle^{\mathfrak{Z}_0} S \rightarrow \langle f \rangle \sqcup^{\mathfrak{Z}_0} S$ .

Proof of theorem 13.88: Replaced a wrong formula reference with a true formula.

Theorem 13.89: Added “atomic”.

Theorem 13.89 and its proof: Removed superfluous conditions.

Proposition 13.91: Removed unnecessary condition “and  $\mathfrak{Z}_0$  is a complete boolean lattice”.

Definition 13.92: Added “atomistic”.

Obvious 13.95: Turned into a proposition and added a proof.

Obvious 13.98: Removed as wrong in the case if our posets are not meet-semilattices.

Theorem 13.98: Added “with least element”; added that  $\mathfrak{B}$  is atomic.

Proof of theorem 13.98: 1.  $\cap^{\mathfrak{A}} \rightarrow \cap^{\mathfrak{A}}$ ; 2. added more explicit proposition references; 3.  $0 \rightarrow 0^{\mathfrak{B}}$ .

Theorem 13.99:  $\cap \rightarrow \cap^{\mathfrak{Z}_0}$ .

Proof of theorem 13.99: rewritten.

Theorem 13.99:  $\mathfrak{Z}_0 \rightarrow \mathfrak{Z}_1$ .

13.14 Elements closed regarding a pointfree funcoïd: Removed superfluous “with least element”.

Proof of theorem 13.101: 1.  $\subseteq \rightarrow \sqsubseteq$ ; 2. Added “(used separability of  $\mathfrak{A}$ )”.

Proposition 13.104: Added “with join-closed core”.

14.2 Limit:  $\{a\} \rightarrow \uparrow^{\text{Src } \mu} \{a\}$ ;  $\langle f \rangle \rightarrow \langle f \rangle^*$ ;  $\cap \rightarrow \cap$ ;  $0^{\text{Dst } f} \rightarrow 0^{\mathfrak{B}(\text{Dst } f)}$ .

14.3 Generalized limit: “group of permutations of”  $\rightarrow$  “permutation group on”.

14.3.1 :  $\langle \mu \rangle^* \{x\} \rightarrow \langle \mu \rangle^* \{x\}$ . “We will assume that the funcoïd  $f$  is defined on  $\langle \mu \rangle^* \{x\}$ .”  $\rightarrow$  “We will assume that the dom  $f \supseteq \langle \mu \rangle^* \{x\}$ .”

Proof of proposition 14.11:  $\sqsubseteq \rightarrow \sqsupseteq$ .

Proof of proposition 14.20: Removed “where  $x' \in D$ ”.

Proof of proposition 14.21: More detailed proof;  $\langle \nu \rangle \langle f \rangle \langle \mu \rangle^* \{x\} \rightarrow \langle \nu \rangle \langle f \rangle \{x\}$ .

Proof of theorem 14.23:  $\sqsupseteq \rightarrow =$ .

Corollary 14.24:  $\langle \mu \rangle \{x\} \rightarrow \langle \mu \rangle^* \{x\}$ .

bijjective  $\rightarrow$  injective.