

Lemma 15.3: Added poset \mathfrak{C} .

Theorem 15.8: $()^\dagger \rightarrow ()^{-1}$.

Theorem 15.9: “morphisms of a quasi-invertible category where $\text{Dst } f$ and $\text{Dst } g$ are filters on boolean lattices” \rightarrow “pointfree functors between filters on boolean lattices”.

Proof of theorem 15.9: 1. Added reference to theorem 13.73; 2. replaced a wrong theorem reference.

Proposition 15.10 \rightarrow corollary 15.10: Added “ $\text{Src } f, \text{Dst } f, \text{Src } g, \text{Dst } g$ are boolean lattices”.

Proposition 15.20. Strengthened: lattice \rightarrow poset.

Proof of proposition 15.24: $\sqcup \text{ atoms } x_i \rightarrow \lambda i \in \text{dom } x: \sqcup \text{ atoms } x_i$.

Added corollary 15.21, which I previously referred to without proof.

Corollary 15.25: Strengthened: “atomistic complete lattices” \rightarrow “atomistic posets with least elements”.

Proof of proposition 15.26: $\subseteq \rightarrow \sqsubseteq$.

Proof of proposition 15.28: 1. “finitely join-closed” \rightarrow “join-closed”; 2. $\sqcap^{3i} \rightarrow \sqcup^{3i}$; 3. said that joins exist. 4. Added reference to a necessary statement which was missing previously; $\lambda \in n \rightarrow \lambda i \in n$.

Proposition 15.33: Added a missing theorem condition. Now a proposition with a proof.

Proposition 15.34: Seriously rewritten.

Proposition 15.35: Added “with $up\ x \neq \emptyset$ for every $x \in \mathfrak{A}_i$ (for every $i \in n$)”.

Proof of proposition 15.40: $\sqcap \rightarrow \sqcup$.

Proposition 15.41 and its corollary: $n \rightarrow \text{dom } \mathfrak{A}$.

Proof of proposition 15.41: $\mathfrak{A} \rightarrow \prod \mathfrak{A}$.

Corollary 15.42: least \rightarrow greatest.

Definition 15.54: a poset relation \rightarrow anchored relation between posets.

Lemma 15.55: completary staroid \rightarrow graph of completary staroid. Also the proof is corrected.

Proposition 15.56: $f \rightarrow \text{GR } f$.

Proposition 15.57: $\mathbf{A} \rightarrow \text{Every}$.

Proof of proposition 15.57: The old proof was valid only for a special case.

Proof of proposition 15.64: 1. $up\ L \rightarrow L$. 2. $\mathcal{P}\mathfrak{Z} \rightarrow \mathfrak{Z}$.

Proposition 15.65 and its proof: 1. $(\text{val } \Downarrow f)_i \rightarrow (\text{val } \Downarrow f)_i$; 2. $(\text{form } f)_i \rightarrow \mathfrak{Z}_i$.

The section “Displacement” moved after the definition of cross-composition product.

Definition 15.70: is \rightarrow be.

Theorem 15.74: 1. Theorem conditions exchanged; $L \in \prod \mathfrak{A} \rightarrow L \in \prod \mathfrak{A}|_{\text{dom } \mathfrak{A} \setminus \{i\}}$; 2. added “of the form $\lambda i \in \text{dom } \mathfrak{A}: \mathfrak{F}(\mathfrak{A}_i)$ ”.

Proof of theorem 15.74: 1. Added “(taking into account that \mathfrak{A}_i is a boolean lattice)”; 2. Removed $=K =$.

Definition 15.72: Added a new definition (Λ).

Theorem 15.75: Theorem condition rewritten.

Remark 15.79: posets \rightarrow pre-multifunctor sketches.

Theorem 15.80: Strengthened: distributive lattices \rightarrow starrish join-semilattices.