

Theorem 4.112 and 4.72 are now separated into two distinct statements.

Lemmas 4.115 and 4.73 are now separated into two distinct statements.

Proof of theorem 4.137: Last paragraph modified.

Proposition 4.140: Added the word “distributive”.

Theorem 4.142: Strengthened: atomistic  $\rightarrow$  atomic.

Proof of theorem 4.144: 1.  $\mathcal{X} \rightarrow \text{up } \mathcal{X}$ . 2. proof clarified.

Proof of theorem 4.150: Added: “Core part and dual core part are defined because the core is a complete lattice.”

Proof of proposition 4.159:  $= \rightarrow \sim$ .

Proof of proposition 4.161:  $\mathfrak{A} \rightarrow \mathfrak{B}$ .

Proposition 4.178:  $\max a \rightarrow \max \text{down } a$ .

Proposition 4.184: Removed  $S \in \mathcal{P}\mathfrak{F} \setminus \{\emptyset\}$ .

Proof of lemma 4.231: Removed “ $X$ ”.

Corollary 3.232:  $\mathcal{G} \rightarrow \mathcal{A}$ .

Proof of theorem 4.233:  $X \rightarrow \text{card } X$ .

Proof of example 4.235:  $\uparrow x = \{a, 1\} \rightarrow \text{up } x = \{x, a, 1\}$ .

Proposition 4.247:  $S \rightarrow [S]$ .

Proposition 5.14: “ $\in a$ ” removed.

Proposition 5.21:  $\Delta \rightarrow \partial\Delta$ .

Proof of proposition 5.33:  $X \rightarrow U$ .

6.1 Informal introduction into functors:  $\alpha \rightarrow \beta$ .

Proposition 6.13: Strengthened (removed the word “small”).

Proof of proposition 6.16:  $\beta_1 \rightarrow \beta_2$ .

Proof of theorem 6.27: 1.  $Y \in \mathcal{P}B \rightarrow X \in \mathcal{P}A$ . 2.  $a' \rightarrow \alpha'$ .

Theorem 6.31: functors  $\rightarrow$  functor.

Proof of lemma 6.33:  $B \in \langle F \rangle^* X \rightarrow B \in \langle \uparrow^{\text{FCD}(\text{Src } f; \text{Dst } f)} F_B \rangle^* X$ .

Proof of lemma 6.34:  $X \rightarrow \mathcal{X}$ .

Proof of theorem 6.36: Refer to a less general proposition (4.189).

Added remark 6.40.

Before theorem 6.42:  $f \rightarrow g$ .

Proof of theorem 6.60: corollary 4.126  $\rightarrow$  proposition 4.197.

Theorem 6.61:  $A \rightarrow B$ .

Proof of theorem 6.61: 1.  $\alpha' \rightarrow \alpha$ . 2.  $\sqcup \rightarrow \cup$ . 3.  $A \rightarrow B$ .

Proposition 6.67:  $= \rightarrow \sqsubseteq$ .

Proof of theorem 6.74: Forgotten  $X$ .

Proof of theorem 6.96:  $Y \rightarrow \uparrow^B Y$ .

Proof of theorem 6.111:  $f \rightarrow g$ .