

Theorem 15.84: Strengthened: distributive lattices  $\rightarrow$  starrish join-semilattices.

Proof of theorem 15.84: Rewritten.

Theorem 15.85:  $f \rightarrow F$ .

Proof of theorem 15.85: 1.  $B \in [f] \vee B \in [g] \rightarrow B \in [f]$  for some  $f \in F$ . 2. Removed “ $(f \sqcup g)B|_{(\text{dom } \mathfrak{A}) \setminus \{k\}}$ ”; 3. other corrections.

Definition 15.89:  $\text{GR} \left( \prod^{\text{FCD}(\mathfrak{A})} A \right)_k L \rightarrow \left\langle \prod^{\text{FCD}(\mathfrak{A})} A \right\rangle_k L$  (also in a proofs below).

Proof of proposition 15.90: 1.  $L \rightarrow L|_{(\text{dom } \mathfrak{A}) \setminus \{k\}}$ ; 2.  $A_k \rightarrow L_k$ .

Proof of theorem 15.92: Several corrections.

Proof of theorem 15.94:  $\subseteq \rightarrow \sqsubseteq$ .

Conjecture 15.95: Was a theorem, but the proof was wrong. So now it is a conjecture.

Proof of theorem 15.99: a little shortened.

Remark 15.100: Removed.

Proposition 15.103: 1. a repeated two times formula removed; 2.  $(\text{val } F_j) \rightarrow (\text{val } F_i)_j$ ; 3. added missing  $K$  after  $(\text{val } F_i)_j$ ; 4.  $A \rightarrow B$ ; 4.  $n \rightarrow \text{arity } \prod^{(D)} F: L_{c(i)}i$ ; 5. a little more detailed proof.

Proposition 5.108 and its proof: Errors corrected.

Definition 15.115: quasi-invertible pre-category with star-morphisms  $\rightarrow$  category with star-morphisms.

Definition 15.117: category  $\rightarrow$  pre-category.

Proof of correctness of definition 15.117: More detailed proof.

Proof of proposition 15.121: Rewritten (errors corrected).

Removed some stuff about abrupt categories, because abrupt categories were considered quasi-invertible in error (dagger for a star-morphisms was not defined but used).

15.9.2 General cross-composition: quasi-invertible category  $\rightarrow$  quasi-invertible category with star-morphisms.

Proof of theorem 15.124: Added “The rest follows from symmetry.”

Corollary 15.125: Errors in the proof corrected.

15.9.3 Displacement: Moved below (now with errors).

Definition 15.160: The definition of discrete multireloid.

Added section 15.3.1 “Discrete staroids”.

“Displacement” subsection removed due errors which were not easy to correct.