

Errata Corrige

October 30, 2003

1 Real bugs

p.35, l.-7: $x = z \rightsquigarrow x = y$

p.67, l.-11: (F) $\forall f \in K \exists a \in K \forall b \in K (\forall d \in bd \in a \rightarrow b \neq a)$
 \rightsquigarrow (F) $\forall f \in K \exists a \in K \forall b \in K (\forall d \in bd \in a \rightarrow b = a)$

p.86, l.10: (N') $\exists s \in \delta(\delta(X, Y), Y) \exists e \in s \exists z \in \delta(s, e) \forall v v \notin z.$
 \rightsquigarrow (N') $\exists s \in \delta(Y, \delta(X, Y)) \exists e \in s \exists z \in \delta(s, e) \forall v v \notin z.$

We thank prof. SHIBA Naoki (Chiba Institute of Technology, Japan) for pointing out to us the errors in pp.35, 67.

2 Gaps

- The *axiom of choice* is mentioned once in the entire book, quite incidentally within Panel 3.1 (p.84). It would have made sense, then, to put a reference to this axiom in the Index of Terms (bottom of p.399). Moreover, the following version of the axiom of choice could have been placed at the end of p.396, if only for the sake of completeness:

(Ch.1)	$Z \in Y \rightarrow \text{arb } Z \in \text{ch}(Y)$
(Ch.2)	$X \in \text{ch}(Y) \rightarrow \exists z \in Y X = \text{arb } z$

3 Misprints

p.29, last line inside Figure 2.2: $\iota x \rightsquigarrow \iota x$

p.29, l.-14: $\iota \leftarrow \rightsquigarrow \iota x \varphi$

p.30, l.-12: $\iota x' \rightsquigarrow \iota x \varphi$

p.32, l.-4: $\iota x \rightsquigarrow \iota x$

p.35, l.10: $\forall z \rightsquigarrow$

p.35, l.-15/-14: whose inverse relation is a relation too: \rightsquigarrow whose inverse relation is a function too:

p.127, l.10: ι component(h, r, c) \rightsquigarrow ιc component(h, r, c)

p.191, ll.-17/-16: binary \rightsquigarrow monadic

p.198, l.-19: the the \rightsquigarrow the

p.208, l.-16: $\neg p_1 \wedge p_2$ \rightsquigarrow $\neg p_1 \wedge \neg p_2$

p.271, l.20: *to every node* \rightsquigarrow *to every place*

p.271, l.24 (twice): *labeling* \rightsquigarrow *stuffing*

p.394, l.22 ι \rightsquigarrow $\iota x \varphi$

4 Bad font-/case-usages

p.127, l.6: posn \rightsquigarrow posn

p.127, l.7: im \rightsquigarrow im

p.127, l.17: im \rightsquigarrow im

p.127, l.28: im \rightsquigarrow im

p.127, l.29: im \rightsquigarrow im

p.127, l.34: im \rightsquigarrow im

p.135, l.5: posn \rightsquigarrow posn

p.135, l.10: posn \rightsquigarrow posn

p.240, l.-9: compl \rightsquigarrow compl

p.390, l.-4: setl \rightsquigarrow SETL

5 Bibliographic entries

[DPPR01] actually appeared in the year 2000; accordingly, the bibliographic entry should be labeled [DPPR00]—see below

[DPR01] should be completed as shown below

[Gog79] should have “*Fundamenta*” instead of “*Foundamenta*”

[Apt97] (see below) would have deserved being cited along with [LLo87] at p.244, l.-3

References

- [Apt97] K. R. Apt. *From Logic Programming to Prolog*. International Series in Computer Science. Prentice Hall, 1997.
- [DPPR00] A. Dovier, C. Piazza, E. Pontelli, and G.-F. Rossi. Sets and constraint logic programming. *ACM Transactions on Programming Languages and Systems (TOPLAS)*, 22(5):861–931, 2000.
- [DPR01] A. Dovier, E. Pontelli, and G.-F. Rossi. Constructive negation and constraint logic programming with sets. *New Generation Computing*, 19(3):209–255, 2001.