

Page	Line	Details
2	19	“ $\exists attends.\top \sqsubseteq \neg Student$ ” should be “ $\exists teaches.\top \sqsubseteq \neg Student$ ”.
25	2	“... concept names that are not defined in \mathcal{T} ” should be “concept names that are defined in \mathcal{T} ”.
25	34	“replace all occurrence” should be “replace all occurrences”.
27	23	“ Example 2.13 Consider the ABox $\{A : a\}$ ” should be “ Example 2.13 Consider the ABox $\{A_0 : a\}$ ”.
53	22	“ $\exists c.(M \sqcap \exists c.M \sqcap \exists c.F)$ ” should be “ $M \sqcap \exists c.(M \sqcap \exists c.M \sqcap \exists c.F)$ ”.
56	6	“two interpretation” should be “two interpretations”.
58	5	“ $A \in N_C$ ” should be “ $A \in \mathbf{C}$ ”.
60	32	“three equivalence classes $[d_1]_S = [d_2]_S, [d'_1]_S,$ and $[d'_2]_S$ ” should be “three equivalence classes $[d_1]_S = [d'_1]_S, [d_2]_S,$ and $[d'_2]_S$ ”.
65	32	Replace $\bigcup_{r \in N_R} r^{\mathcal{J}}$ with $\bigcup_{r \in \mathbf{R}} r^{\mathcal{J}}$
72	5	Add $\neg \top \equiv \perp$ and $\neg \perp \equiv \top$.
72	last line	“ $\{a : C, a : \neg C\} \subseteq \mathcal{A}$ ” should be “ $\{a : C, a : \neg C\} \subseteq \mathcal{A}$ or $\{a : \perp\} \subseteq \mathcal{A}$ ”.

77	Fig. 4.4	Individuals b and c have been transposed in the graphical representation of the ABox.
88	2 & 3	Two occurrences of “predecessor” should be “ancestor”.
94	last line	After “... indefinitely. ⁸ ” add the sentence “Note that this example depends on the use of equality blocking, but one can also construct a (more complex) non-termination example for the case of subset blocking.”.
95	4	In Figure 4.9, “ $(a, d_i) : r$ ” should be “ $(a, d_i) : r, d_i : \top$ ”.
95	10	In Figure 4.9, the condition “for some $0 \leq i < j \leq n$ ” should be “for some $0 \leq i \neq j \leq n$ ”.
99	15	“... replacing them with a copies ...” should be “... replacing them with copies ...”.
102	37–39	An upper case “ R ” is used for a role; elsewhere in the book lower case letters are used for roles.
103	2	An upper case “ R ” is used for a role name; elsewhere in the book lower case letters are used for role names.
109	16	“... every primitive definition $A \equiv C$...” should be “... every primitive definition $A \sqsubseteq C$...”.
110	15–18	Replace all occurrences of C with C_1 and all occurrences of D with C_2 .

116	3 & 4	“... by replacing each p_i with P_i , \sqcap with \wedge , and \sqcup with \vee ...” should be “... by replacing each p_i with P_i , \wedge with \sqcap , and \vee with \sqcup ...”.
116	5 & 6	“... the length of C_G is quadratic in n , ...” should be “... the length of C_G is quadratic in the length of φ , ...”.
119	10-12	C should be D and D should be E .
121	30 & 32	“ $(\neg F_0 \dots \neg F_{n-1})$ ” should be “ $(\neg F_1 \dots \neg F_n)$ ”.
122	11 & 12	“... by replacing each p_i with P_i , \sqcap with \wedge , and \sqcup with \vee ...” should be “... by replacing each p_i with P_i , \wedge with \sqcap , and \vee with \sqcup ...”.
124	20	Replace $\bigsqcup_{C \sqsubseteq D \in \mathcal{T}} C \rightarrow D$ with $\bigsqcup_{E \sqsubseteq F \in \mathcal{T}} E \rightarrow F.$
128	7	The GCI $\top \sqsubseteq \bigsqcup_{t \in T} A_t \sqcap \bigsqcup_{t, t' \in T, t \neq t'} \neg(A_t \sqcap A_{t'})$ should be $\top \sqsubseteq \bigsqcup_{t \in T} A_t \sqcap \bigsqcap_{t, t' \in T, t \neq t'} \neg(A_t \sqcap A_{t'})$
131	4	“ $\exists d_1, \dots, d_k$ ” should be “ $\exists d_1, \dots, d_{k-1}$ ”.
131	4	“ $r_i^{\mathcal{I}}$ ” should be “ $r_{i+1}^{\mathcal{I}}$ ”.
133	10	“ $f(i, j) \in A_t$ ” should be “ $f(i, j) \in A_t^{\mathcal{I}}$ ”.

138	23	“exponentially space-bounded alternating Turing machines” should be “polynomially space-bounded alternating Turing machines”.
145	19 & 20	“such that the extension” should be “such that $\Delta^{\mathcal{I}_1} = \Delta^{\mathcal{I}_2}$ and the extension”.
148	9	“rule CR4” should be “rule CR5”.
148	11	“rule CR5” should be “rule CR4”.
151	5	“linear in the size of \mathcal{T}_0 ” should be “linear in the size of \mathcal{T}_0 and C, D ”.
158	24	“linear in the size of \mathcal{T}_0 ” should be “linear in the size of \mathcal{T}_0 and C, D ”.
160	17 & 18	“are the empty set and singleton sets” should be “are sets of cardinality at most 2”.
162	7	“ X_0 ” should be “ $\{X_0\}$ ” and “ \overline{X}_i ” should be “ $\{\overline{X}_i\}$ ”.
173	31	“ $\text{ans}(q, \mathcal{T})$ ” should be “ $\text{ans}(q, \mathcal{I})$ ”.
176	1	“disjunct” should be “disjunct”.
176	17	“of an interpretation \mathcal{I} ” should be “of a finite interpretation \mathcal{I} ”.
176	22	“Let \mathcal{I} be an interpretation” should be “Let \mathcal{I} be a finite interpretation”.
176	35	“ $\mathcal{I} \not\models \varphi[d_1]$ ” should be “ $\mathcal{I} \not\models \varphi[d_2]$ ”.
203	29	The reference to DLNS98 should be a reference to “Andrea Schaerf: On the Complexity of the Instance Checking Problem in Concept Languages with Existential Quantification. J. Intell. Inf. Syst. 2(3): 265-278 (1993)”

208	8	The owl: and rdfs: namespace prefixes are used without ever being defined.
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