Page	Line	Details
2	19	"$\exists \mathit{attends}.\top \sqsubseteq \neg \mathsf{Student}$" should be "$\exists \mathit{teaches}.\top \sqsubseteq \neg \mathsf{Student}$".
20	30	"...the extension of Teacher has more elements than strictly required by $\mathcal{A}_{ex}$ ..."; should be "...the extension of Person has more elements than strictly required by $\mathcal{A}_{ex}$ ...
22	36	"$\mathit{teaches}^{\mathcal{I}''} = \mathit{teaches}^{\mathcal{I}''} \cup \{(b, c6)\}$ ..."; should be "$\mathit{attends}^{\mathcal{I}''} = \mathit{attends}^{\mathcal{I}''} \cup \{(b, c6)\}$ ...
23	1	"...this important principle is referred to as the open world assumption, and we will come back to it later." However, OWA is not (explicitly) mentioned again.
24	17	"...we say that A is *exactly defined* in $\mathcal{T}$ ..."; should be "...we say that A is *defined* in $\mathcal{T}$ ...".
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 $\mathcal{A} = \{A : a\}$" should be "**Example 2.13** Consider the ABox $\mathcal{A} = \{a : A_0\}$".

33	14	"Similarly, if $C \sqsubseteq_{\mathcal{T}} \bot$, then $C^{\mathcal{I}} = \emptyset$ in every model $\mathcal{I}$ of $\mathcal{T}$, and thus C is not satisfiable w.r.t. $\mathcal{T}$." should be "Conversely, if $C \not\sqsubseteq_{\mathcal{T}} \bot$, then there must be a model $\mathcal{I}$ of $\mathcal{T}$ with $C^{\mathcal{I}} \neq \emptyset$, and thus C is satisfiable w.r.t. $\mathcal{T}$.".
51	26	"$d_1 \in \mathcal{I}_1$ is *bisimilar* to $d_2 \in \mathcal{I}_2$" should be "$d_1 \in \Delta^{\mathcal{I}_1}$ is *bisimilar* to $d_2 \in \Delta^{\mathcal{I}_2}$".
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 $[d'_2]_S$".
63	7	The list of features that characterise a tree should include a third item: "every node in V is reachable from v_r"
65	32	Replace $\bigcup_{r \in N_R} r^{\mathcal{J}}$ with $\bigcup_{r \in \mathbf{R}} r^{\mathcal{J}}$
67	35	"$(d_1, \mathcal{I}_1) \sim (d_2, \mathcal{I}_2)$" should be "$(\mathcal{I}_1, d_1) \sim (\mathcal{I}_2, d_2)$".

70	18	"knowledge base $\mathcal{K} = (\mathcal{A}, \mathcal{T})$" should be "knowledge base $\mathcal{K} = (\mathcal{T}, \mathcal{A})$".
72	5	Add $\neg\top \equiv \bot$ and $\neg\bot \equiv \top$.
72	last line	"$\{a : C, a : \neg C\} \subseteq \mathcal{A}$" should be "$\{a : C, a : \neg C\} \subseteq \mathcal{A}$ or $\{a : \bot\} \subseteq \mathcal{A}$".
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".
92	34	"the $\forall$-rule is now applicable to $x : \forall r^{-}.C$ and $(a, x) : r$" should be "the $\forall$-rule is now applicable to $x : \forall r^{-}.\neg C$ and $(a, x) : r$".
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	13	"... Lemma 5.1 ..." should be "... Proposition 5.1 ..."
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	"$(\neg F_0 \ldots \neg F_{n-1})$" should be "$(\neg F_1 \ldots \neg F_n)$".
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 $$\bigsqcap_{C \sqsubseteq D \in \mathcal{T}} C \to D$$ with $$\bigsqcap_{E \sqsubseteq F \in \mathcal{T}} E \to F.$$

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	"$\exists d_1, \ldots, d_k$" should be "$\exists d_1, \ldots, d_{k-1}$".
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 $\mathsf{CR4}$" should be "rule $\mathsf{CR5}$".
148	11	"rule $\mathsf{CR5}$" should be "rule $\mathsf{CR4}$".
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	"$\mathsf{ans}(q, \mathcal{T})$" should be "$\mathsf{ans}(q, \mathcal{I})$".

176	1	"disjuct" 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 "$\mathcal{I} \not\models \varphi[d_2]$".
180	15	"R1 if $d \in B^{\mathcal{I}_i}$, $B \sqsubseteq A \in \mathcal{T}$ and $d \notin B^{\mathcal{I}_i}$, then add d to $A^{\mathcal{I}_{i+1}}$;" should be "R1 if $d \in B^{\mathcal{I}_i}$, $B \sqsubseteq A \in \mathcal{T}$ and $d \notin A^{\mathcal{I}_i}$, then add d to $A^{\mathcal{I}_{i+1}}$;".
181	7	"consistute" should be "constitute".
181	15	"... *any* model of $\mathcal{I}_\mathcal{K}$ ..." should be "... *any* model of $\mathcal{K}$ ...".
203	14	The reference to HS12 should be a refence to "Thomas Eiter, Magdalena Ortiz, Mantas Simkus, Trung-Kien Tran, Guohui Xiao: Query Rewriting for Horn-SHIQ Plus Rules. AAAI 2012".
203	29	The reference to DLNS98 should be a refence 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.