

Errata-Corrige. January 2016.

Alberto Pettorossi *Techniques for Searching, Parsing, and Matching*. Fourth Edition, Aracne. 2013.

' $m, \pm n$ ' means 'page m and line $\pm n$ ' from above (+) or below (-)

16, +18. to the *should be* with the

54, -3. $S \rightarrow^* x \rightarrow^* \beta$ *should be* $S \rightarrow^* \lambda x \rho \rightarrow^* \lambda \beta \rho$ with $\lambda, \rho \in V^*$

54, -2. *Erase*: either x in ε or

27. Contrary to what is said on page 26, the program `Queens.java` uses the value `true` (`false`) to indicate that a position is taken by (is free for, respectively) a queen.

94, 95, 118, and 119. Given a set I of items, we define its *closure* to be the set of items which can be derived from I by applying as long as possible Closure Rule (1).

When applying Closure Rules (1), (2), and (3), one should give priority to Closure Rule (1).

When applying Closure Rules (2) and (3), the new state q should *not* be added, if in the finite automaton M there is already a state, say \bar{q} , whose label is the *closure* of the set of items listed at Point (i) of those rules. In that case the arcs should be drawn from state p to state \bar{q} . Note that state \bar{q} can be the state p itself.

141, -6. The productions should be: $S \rightarrow a S A \mid a S B \mid \varepsilon$, $A \rightarrow a$, $B \rightarrow b$.

141, -3. The productions should be: $S' \rightarrow S$, $S \rightarrow a S A \mid b S B \mid \varepsilon$, $A \rightarrow a$, $B \rightarrow b$.

171, +18. zone (A) *should be* zone (B)

171, +20. zone (B) *should be* zone (A)

172, +1. zone (A) *should be* zone (B)

248, +7. *if* q has already a label *should be* *if* m has already a label