

W.M. Wonham and K. Cai, "Supervisory Control of Discrete-Event Systems", Springer, 2019.

© 2019 Springer International Publishing AG

<https://www.springer.com/gp/book/9783319774510>

<https://link.springer.com/book/10.1007>

Errata 2019.03.30

Revisions are marked in blue color.

- p.3, caption of Fig. 1.1:

“Hasse diagram: $X = Pwr(A)$ ” \rightarrow
“Hasse diagram: $X = Pwr(A)$, $A = \{\alpha, \beta, \gamma\}$ ”

- p.12, l.18:

“With $f : X \rightarrow Y$ we associate the *inverse image function*...” \rightarrow
“With $f : X \rightarrow Y$ we associate **the inverse image function**...”

- p.51, l.3:

“ $\xi(x, su) = [tsu]$ ” \rightarrow
“ $\xi(x, su) = [tsu]$, $x = [t]$ ”

- p.55, Exercise 3:

“Let $\bar{K} = L...$ ” \rightarrow
“Let $\bar{K} = L \subseteq \Sigma^*$...”

- p.74, Proof (of Proposition 1):

“In the proof write Hier, Mealy, and Norode for brevity.” \rightarrow
“In the proof write Hier, Mealy, and **Nerode** for brevity.”

- p.89, l.2:

“Note that state 3 in Q_{new} has been recoded as 2.” \rightarrow

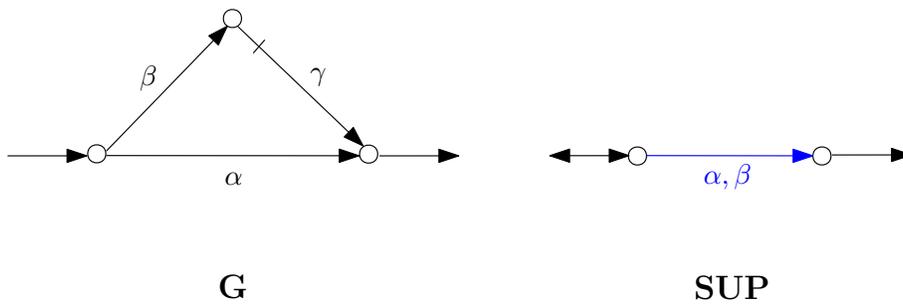
“Note that state 3 in Q_{new} has been recoded as 2. In general, the semantics of trim are: $L_m(\mathbf{TDES}) = L_m(\mathbf{DES})$, $L(\mathbf{TDES}) = \overline{L_m(\mathbf{DES})}$.”

- p.97, l.3:

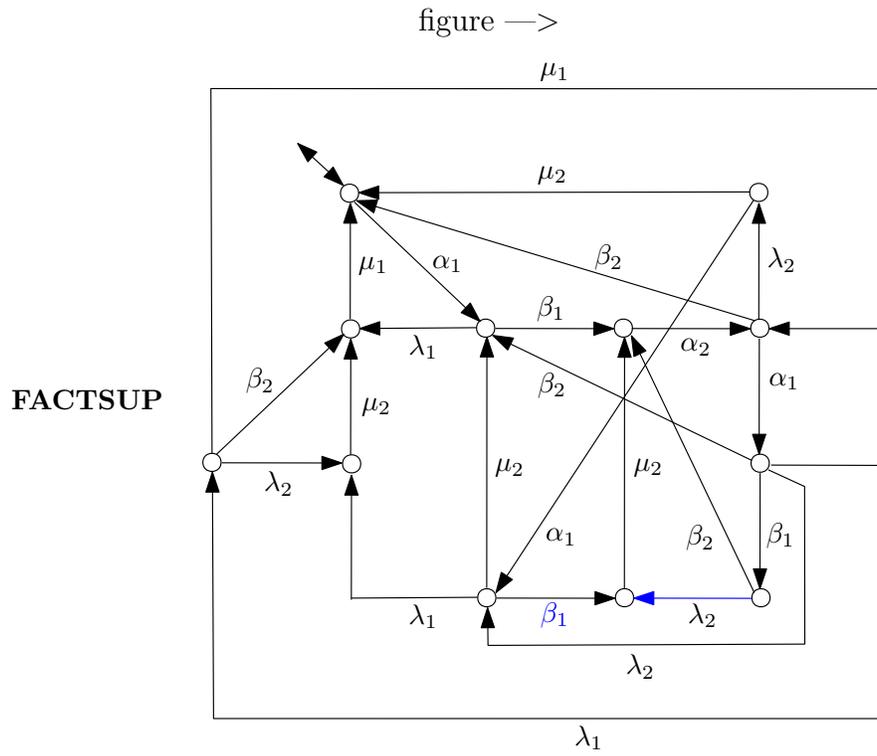
“4-tuple...” \rightarrow
 “4-tuply...”

- p.114, Example 6:

right-hand figure \rightarrow



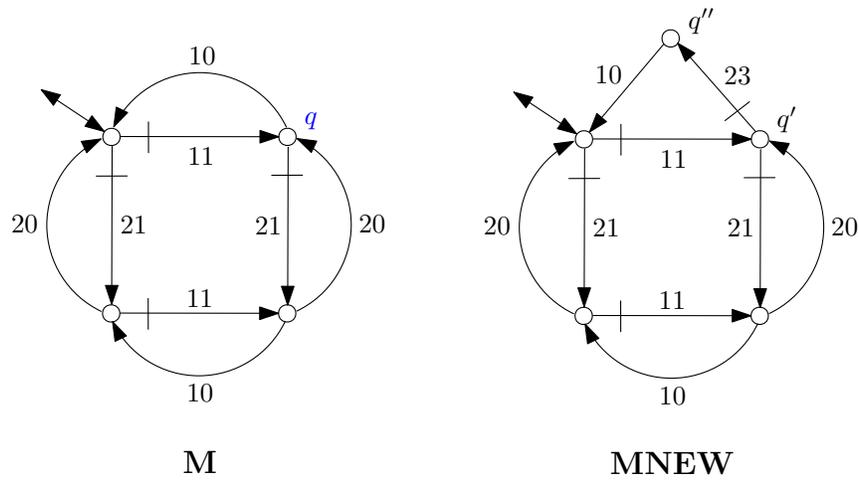
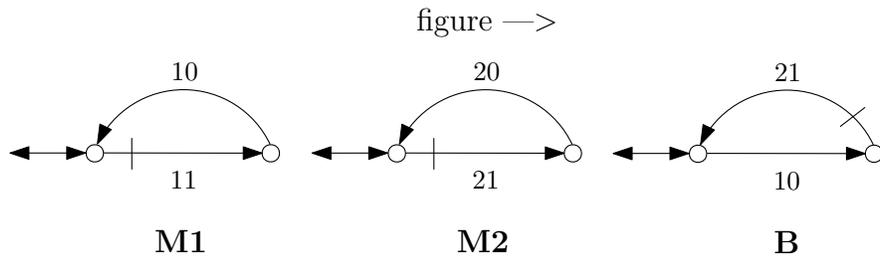
- p.116, Fig. 3.2:



- p.121, l.6:

“perhaps after application of **minstate...**” \rightarrow
 “perhaps after application of **trim and minstate...**”

- p.128, Fig. 3.5, state label in **M**:

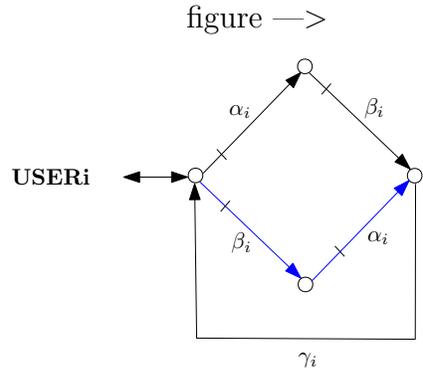


- p.143, l.8:

“conjunction” \longrightarrow

“‘conjunction’. Exercise 3.3.14 is adapted from Milner (1989) (Example 3, Section 3.3, p.71).”

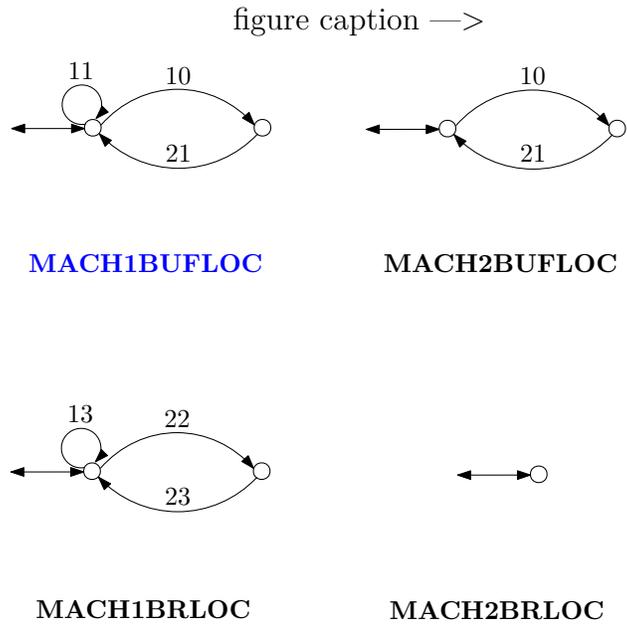
- p.151, first figure:



- p.163, Section 4.7, l.3:

“...(Sect. 3.10, and” →
 “...(Sect. 3.12, and”

- p.200, Fig. 4.8:



- p.255, l.12:

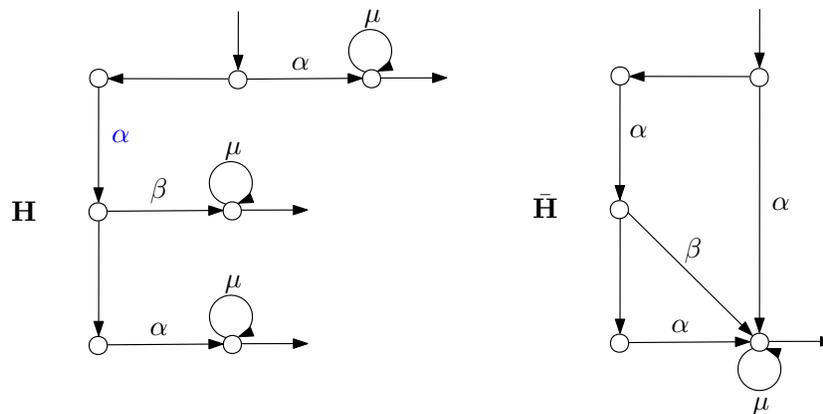
“...annual allerton conference...” \rightarrow
 “...annual Allerton conference...”

- p.264, l.27, in Example 15:

“... = $\{\beta\} \subsetneq C$ ” \rightarrow
 “... = $\{\beta\} \not\subseteq C$ ”

- p.328, Fig. 6.10:

left-hand figure \rightarrow



- p.337, Section 6.9, l.17:

“terminology as closer to standard algebra.” \rightarrow
 “terminology as closer to our usage for observers (Sections 1.4, 1.5).”

- p.421, l.8:

“...of the two TDES on either side coincide.” \rightarrow
 “...of the TDES on both sides coincide.”